

## PHASE I ENVIRONMENTAL SITE ASSESSMENT



**Former Fuel Stop Gasoline Station**  
3200 Rio Linda Blvd  
Sacramento, CA 95815

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**Acronyms**

CA Cortese	The Hazardous Waste and Substances Sites
CA ENVIROSTOR	DTSC Mitigation and Brownfields Reuse database
CA HIST Cortese	Historical “Cortese” Hazardous Waste & Substances Sites List
CA HWTS	Hazardous Waste Tracking System
CA RESPONSE	Confirmed release sites where DTSC is involved in remediation CA
EDR Hist Auto	Exclusive Historical Auto Stations Database
WMUDS/SWAT	Waste Management Unit Database System



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CERS	California Environmental Reporting System
FUDS	Formerly Used Defense Sites
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
RCRA NonGen/NLR	RCRA non generators
RCRA-SQG	RCRA small quantity generator
WI SWRCY	A listing of recycling center locations





## **Executive Summary**

Soar Environmental Consulting, Inc. has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitation of the American Society for Testing and Materials Standard Practice for Preliminary Site Assessments E 1527-13, on the Subject Property located at 3200 Rio Linda Boulevard, in Sacramento, California, 95815. The Subject Property is a former gasoline and auto repair station with an attached office and two repair bays. The former service station is presently vacant and in a state of disrepair. The Subject Property had been a gasoline station since at least 1957. In 2006, the Regional Water Quality Control Board opened a case after an investigation revealed that gasoline constituents had been released to the environment. As the financially responsible party, the former owner performed various remediation efforts to remediate soil and groundwater beneath the Site. In November 2022, the Regional Water Quality Control Board certified the Site as remediated. The Subject Property is now being considered to be rehabilitated and reopened. The purpose of this Phase I Environmental Site Assessment is to provide environmental information for the potential rehabilitation of the property. The report shall identify potential Recognizable Environmental Concerns onsite to satisfy the environmental review required by 24 CFR 58.5(i)(2). During the Phase I Environmental Site Assessment, Soar Environmental Consulting did not discover any recognizable environmental concerns requiring further investigation.



## INTRODUCTION

### Purpose

As per Section 1.1 of the American Society of Testing and Materials (ASTM) Standard Practice Designation E 1527-13, the purpose of this assessment is to identify recognized environmental conditions, as defined in Section 3.2.78 of the same Standard Practice; that is "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions." This practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner defense to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA); that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in 42 USC § 9601(35) (B).

The term "recognized environmental condition (REC)," as defined by ASTM Standard E 1527-21 (ASTM 2021), means:

(1) the presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the Subject Property under conditions that pose a material threat of a future release to the environment.

A historical REC (HREC) is defined as:

A previous release of hazardous substances or petroleum products affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the Subject Property to any controls (for example, activity and use limitations or other property use limitations). A historically recognized environmental condition is not a recognized environmental condition.

A controlled REC (CREC) is defined as:

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 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).

De minimis Conditions (DMCs) is defined as:

A recognized environmental condition affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations).

Soar Environmental Consulting, Inc. (Soar Environmental) conducted this Phase I Environmental Site Assessment (ESA) under the direction of an environmental professional, as defined by ASTM Standard Practices



§3.2.32 and 40 CFR §312.10(b), whose signature appears hereon. This document serves to identify Recognized Environmental Concerns (RECs) in association with the Subject Property.

This assessment is based on a review of existing conditions, reported pre-existing conditions, and observed operations at the Subject Property and adjacent properties.

### **Detailed Scope of Services**

Soar Environmental conducted the Phase 1 ESA in general accordance with ASTM Standard E 1527-13 and included the following:

- Review of previous environmental site assessments.
- Records review.
- Interviews with regulatory officials and personnel associated with the subject and adjoining properties.
- Onsite reconnaissance.
- Evaluation of information and preparation of the Report provided herein.

Typically, a Phase I ESA does not include sampling or testing of air, soil, groundwater, surface water, or building materials. These activities would be carried out in a Phase II ESA, if required. For this Phase I ESA, no additions to the ASTM E 1527-13 standard were made.

### **Significant Assumptions**

Soar Environmental believes the results, specifications, conclusions, and professional opinions to be accurate and relevant but cannot accept responsibility for the accuracy or completeness of public documentation or accuracy, completeness, or possible withholding of information by interviewees or other private parties. We make no other warranty, either expressed or implied.

It is assumed that this investigation is being conducted to identify RECs concerning the Subject Property, and to permit the user to satisfy one, or more, of the requirements to qualify for the innocent landowner defense to CERCLA liability. This investigation may mention but does not fully address out of scope considerations such as:

- Asbestos
- Radon
- Lead based paint
- Lead in drinking water
- Wetlands
- Regulatory compliance
- Cultural and historic resources
- Health and safety
- Ecological resources
- Endangered species
- Air quality
- Water quality

This property assessment did not include air, soil or water sampling, or laboratory analysis. Therefore, the results of this investigation do not preclude the presence of substances presently, or in the future, being defined as hazardous and existing on the Subject Property. This report does not purport to address all safety problems, if any, associated with the Subject Property.



## **Limitations, Exceptions, and Data Gaps**

The scope of services performed to complete this Phase I ESA is limited in nature. Site conditions can vary with time; therefore, this assessment is not intended to predict future site conditions. Because of the nature of this assessment, site history has been developed based solely upon information provided by Sarita Prasad, through the interview process, or during the review of available regulatory files on this, and nearby sites. This report is not a complete risk assessment, and the scope of services does not include a complete determination of the extent of, nor the environmental or public health impact of, known or suspected hazardous materials or wastes.

Along with the limitations set forth in various sections of ASTM E 1527-13, the accuracy and completeness of this report may be limited by the following:

### Access Limitations

- Physical Obstructions to Observations
- Outstanding Information Requests
- Historical Data Source Failure
- Other

The information presented in this report was provided through existing documents and interviews, which requires the assumption that the information provided is accurate.

The information and conclusions contained in this report are based upon work performed by a trained professional and technical staff in accordance with generally accepted engineering and scientific practices at the time the work was performed. The conclusions and recommendations presented herein represent the best judgment of Soar Environmental staff and are based upon the information obtained from field reconnaissance and data review. Due to the nature of this investigation, Soar Environmental cannot warrant undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be construed as legal advice.

Should additional information become available that differs significantly from our understanding of conditions presented in this report, we request that this information be brought to our attention so that we may reassess the conclusions provided herein.

Based on information obtained during the interview process and general knowledge of the history of this vicinity of Fresno County, it is the opinion of Soar Environmental that the historical Subject Property uses have been adequately defined.

Aside from the limitation(s) listed above, it is the opinion of Soar Environmental staff, that this Phase I ESA provides an appropriate degree of inquiry to determine if RECs exist on the Subject Property.

## **Special Terms and Conditions**

### **Environmental Personnel**

The following personnel contributed to the Assessment:

- Evan Studley, Project Manager/Geologist - Conducted site reconnaissance, provided supervision of database research, performed interviews, and prepared this Phase I ESA Report.
- Marcus Patton, Environmental Scientist – Performed database research, conducted interviews, performed local file reviews, prepared, and reviewed this report.



## Site Description

The Subject Property is legally defined as Sacramento County Assessor's Parcel Number (APN) 251-0292-016. The mailing address for the parcel is 3200 Rio Linda Boulevard (Blvd), Sacramento, CA 95815 (**Appendix A**). The approximately 0.5-acre former auto service station parcel is bound on the north by Arcade Creek, an ephemeral stream; on the South by Arcade Blvd; to the West by Rio Linda Blvd, and by single family residential homes to the east.

Electricity and gas are provided to the Subject Property via subsurface connections. It appears that sewer and water are provided by the City of Sacramento. There are no storm drain inlets within the Property boundaries, however, a storm drain inlet is present along Arcade Blvd. Arcade Blvd and Rio Linda Blvd have curbs and gutters to convey stormwater.

The Subject Property is separated from Arcade Creek by a 10-foot-tall levee and 15-foot-wide dirt levee road along the top of the southern stream bank. There is an 8-foot-tall earthen bank leading up to Rio Linda Blvd. The majority of the Subject Property is covered with cracked and patched asphalt. Cracked concrete is present surrounding the two fuel dispensers, the underground storage tanks and associated fill ports, and beneath the metal canopy. One monitoring well vault, a water main vault, and underground storage tank filling ports, are present within the cracked concrete. Numerous concrete patches are present within the cracked asphalt and concrete, possibly derived from previous onsite subsurface investigations. The metal-siding clad main building has been boarded up for the past two years. Vandals have removed all electrical wiring from the fuel dispensers and exterior of the building and canopy. Bay doors are boarded up, however, there is an opening in the metal siding at the rear of the main building which provides crawl space access for trespassers. Windows in the front are protected by wrought iron bars.

A chain-link fence along the eastern and northern parcel boundaries is damaged and provides access to the rear of the building. A portion of the southeastern fence is wrought iron. Trash, clothes, and dirty blankets are present throughout the Subject Property. Weeds are growing in asphalt and concrete cracks, and on the slopes up to Rio Linda Blvd and Arcade Creek. Paint is chipping from the canopy and main building structure. 55-gallon metal drums are present inside the main building. It is unknown if the drums are full, partially full, or empty. However, clothes and a pry bar were present on one of the drums during the April 4, 2023 Site reconnaissance. There is an air tank present near the exterior northeastern corner of the main building along with various pipes and conduits. A swamp cooler is attached to the rear of the main building.

## Site and Vicinity Description

Arcade Creek lies north of the Subject Property and conveys water to the Sacramento River. The approximately 16-mile-long Arcade Creek is surrounded by commercial and residential structures along the majority of its reach, and has been influenced by water quality issues, including moderate flooding due to runoff, street drainage, and overflow, which negatively impacts stream habitat conditions. West of the Site is Rio Linda Blvd, Sacramento Northern Railroad, and residential homes. South of the Site is Arcade Blvd and residential homes. East of the Site are residential homes. The neighborhood is characterized by single family residences, a few apartment buildings, and small retail shops.

All streets in the vicinity have curbs and gutters with storm drain inlets. Electricity is delivered via overhead lines. Across Arcade Blvd, south of the Site is a power pole with transformer with no leaks or surface stains.



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## **Current Use of the Property**

The Subject Property formerly dispensed fuel products, tires, and snacks. Presently, there are two fuel dispensers with canopy, two bay doors for auto repair activities, and an office with a door and windows. The Subject Property has been vacant and shows evidence of trespassing and vandalism.

## **Descriptions of Structures, Roads, Other Improvements on Site**

Improvements identified within and surrounding the Subject Property include the following:

Corner exposure;  
Metal siding clad building;  
Two bays for auto repair activities;  
Large air tank at rear of main building;  
Office and retail spaces;  
Elevated electric sign;  
Swamp cooler/air conditioning;  
Cracked asphalt and concrete surfaces;  
Damaged fuel dispensers with shade canopy;  
Outdoor light fixtures;  
Landscaping;  
Concrete swale to convey stormwater;  
Partial fencing;  
Gas and electricity connections;  
Sewer and water connections;  
Sidewalks, curbs, and gutters on roads surrounding Subject Property;

## **Current Uses of the Adjoining Properties**

During the field reconnaissance, Soar Environmental staff observed the following land use on properties in the immediate vicinity of the Subject Property:

- North: Arcade Creek – Ephemeral stream adjacent to Subject Property with levee roads subject to periodic flooding.
- South: Arcade Blvd and residential homes.
- West: Rio Linda Blvd and residential homes.
- East: Residential homes.

## **User Provided Information**

### **Title Records**

No report or record of any environmental liens, activity, and/or use limitations due to hazardous material issues, leases, or miscellaneous instruments were found during this assessment.

### **Environmental Liens or Activity and Use Limitations**

No report or record of any environmental liens, activity, and/or use limitations due to hazardous material issues were discovered or provided by the client.

### **Valuation Reduction for Environmental Issues**

No environmental issues were identified that could result in property value reduction.





### **Owner, Property, and Occupant Information**

No written or verbal communication with the Property owner, representative, and/or tenants, revealed any information which suggest there are present, or historical, recognized environmental conditions associated with the Subject Property.

### **Reasons For Performing Phase I ESA**

The purpose of the Phase I ESA is to provide environmental information for the rehabilitation of the Subject Property. This Phase I ESA has been conducted in conformance with 24 CFR 58. The report shall identify any potential RECs onsite to satisfy the environmental review required by 24 CFR 58.5(i)(2).

### **Environmental Settings**

#### **Physical Setting**

The elevation of the Subject Property ranges from 26 to 30 feet above mean sea level (amsl), as depicted on the 2018 Rio Linda, California, United States Geological Survey (U.S.G.S.) 7.5 Minute Series Topographic Map. The Subject Property's general topography slopes gently towards the southeast.

Sacramento is characterized by a Mediterranean climate with hot summers, cool winters, and moderate precipitation. Temperatures typically vary from 41 F to 94 F and are rarely below 33 F or above 105 F. Most rainfall occurs between October and April. Average rainfall during the rainy season (October to April) is 21.6 inches.

Historically, Arcade Creek was dry in parts of the summer months. For this reason, it is believed that salmonids inhabiting Arcade Creek were reaching the top of their fundamental niche, and with urbanization, eventually were unable to make their way up the Creek. Storm drains discharging to Arcade Creek during winter months cause the Creek to swell and flood. Additionally, the creek holds residential irrigation water overflow during the summer months which causes historically high summer water flows. These intense discharges lead to further erosion, sedimentation, flooding, and channel degradation.

### **Petroleum Products and Hazardous Materials**

During the Site reconnaissance, Soar Environmental did not observe evidence of petroleum product releases or spills, as indicated by stained soil/asphalt, stressed vegetation, or odors.

### **Polychlorinated Biphenyls**

Polychlorinated biphenyls (PCB) containing dielectric fluids have been widely used as coolants and lubricants in transformers, capacitors, and other electric equipment due to their insulating and nonflammable properties.

There is a single power pole with a transformer located south of the Subject Property, across Arcade Blvd. Soar Environmental staff did not observe evidence of a release of PCB oil beneath the transformer, nor additional transformers or power structures proximal to the Subject Property.

### **Aboveground Storage Tanks**

There are no aboveground storage tanks (AST) on the Subject Property.

### **Underground Storage Tanks**

During the Site reconnaissance, Soar Environmental observed circular metal caps and fill ports within surface



concrete which we believe to be associated with underground storage tanks (USTs). We did not observe any staining or odors emanating from the structure. The volume, condition, and design of the UST(s) is unknown. However, the EDR report indicates that a leaking UST was certified as remediated in November 2022.

### **Solid Waste**

During operation, the Subject Property will generate non-hazardous municipal solid waste (trash). Presently, improper disposal activities from trespassers are occurring.

### **Hazardous Waste**

During the Site reconnaissance, Soar Environmental did not observe evidence of hazardous waste generation on the Subject Property.

### **Water**

During the Site reconnaissance, Soar Environmental observed a City of Sacramento water vault to provide water to the Subject Property.

### **Wastewater**

Wastewater generated at the Subject Property is discharged through the City of Sacramento municipal separate storm sewer system (MS4) system.

### **Stormwater**

During the Site reconnaissance, Soar Environmental did not observe exterior onsite drain inlets or outlets. Site stormwater drainage is accomplished via sheetflow to the MS4 drain inlet located in the gutter along Arcade Blvd, immediately south of the Site. The general topographic gradient of the Subject Property is to the southwest. Due to the elevation of the levee associated with Arcade Creek located immediately north of the Subject Property, there is no chance that onsite stormwater can be discharged to the Creek.

### **Heating and Cooling**

During the Site reconnaissance, Soar Environmental observed an evaporative swamp cooler located on the rear wall of the office and retail section. There may be another Swamp cooler or air conditioning unit on the roof but it was difficult to see above the side walls of the metal roof.

### **Subject Property Reconnaissance**

On April 4, 2023, Soar Environmental mobilized to the Subject Property. At the time of the reconnaissance, the weather was clear, approximately 61 F, and soil and asphalt were dry. Upon arrival, we noted a car parked beneath the canopy and the owner repairing his tires. Arcade Creek had water flowing along the northern portion of the active stream channel.

Soar Environmental observed trash, clothing, and blankets within the Subject Property. The perimeter fencing was damaged along the northern section. Soar Environmental noted a crawl space through the metal wall in the rear (east) of the building. It appears that all electrical wiring had been illegally removed from the fuel dispensers and electrical conduit attached to the building. Soar Environmental did not have access to the interior of the building, so the building's interior was inspected from the exterior, where possible. There were at least two 55-gallon drums located in the auto bays, along with personal clothing and a pry bar. It is unknown if any liquid/solid material is present in either of the drums. We observed wires hanging down from the attic area above the office space.





There were no apparent exterior stormwater drains located onsite, however, a storm drain inlet is present south of the Subject Property, within the gutter of Arcade Blvd. Sediment eroded from the slope to Rio Linda Blvd. is present in a concrete swale at the base of the slope. Property asphalt and concrete are cracked and display numerous circular and rectangular patches possibly associated with previous site investigations. Electricity and gas are provided to the Subject Property via subsurface connections, sanitary sewer and stormwater connections are provided by the City of Sacramento.

During the April 4, 2023 Site reconnaissance, Soar Environmental did not observe any evidence of spills or releases of materials, indicated by stressed vegetation, soil/asphalt/concrete staining, or hydrocarbon odors.

## Environmental Setting

### Topography

According to the 2018 Rio Linda 7.5 minute USGS Topographic Map of the Subject Property and a review of Geocheck Physical Setting in the EDR report, the Subject Property is relatively flat with an elevation of approximately 26 to 30 feet amsl.

### Soil/Geology

According to the Environmental Database Report, the Subject Property is underlain by San Joaquin fine sandy loam, characterized by clayey soils with slow infiltration and a high water table.

### Groundwater/Hydrology

The Subject Property lies within the Lower American Watershed, in the Sacramento River Hydrologic Region. The Sacramento Groundwater Authority GSA designates the Subject Property as 5-021.64, Sacramento Valley-North American. Depth to groundwater beneath the Subject Property is approximately 60 feet below ground surface. The groundwater gradient beneath the Subject Property is dynamic and may be influenced by many factors, including time of year, precipitation totals, and adjacent water supply wells in operation. However, the gradient beneath the Subject Property is generally shallow to the southeast.

## Historical Site Research and Usage

The earliest known business operating onsite was constructed in 1942. Since 1957, the Subject Property has operated as a gasoline station under different names and owners. In 2002, the Regional Water Quality Control Board (RWQCB) opened a case due to the unauthorized release of gasoline to the environment. The owner remediated the site, and in 2022 the RWQCB closed the case. One monitoring well vault is still present onsite, however, all other wells and exploratory borings were backfilled and capped with concrete. Underground storage tanks appear to be present beneath the site, however, the original USTs may have been replaced during previous remediation efforts.

## Historical Tenant City Directory Report

Full results of the EDR Historical Tenant City Directory Report are in **Appendix D**.

Address: 3200 Rio Linda Blvd (Subject Property)

Year	Uses
2017	Fuel Stop
2014	Fuel Stop
2010	Fuel Stop



2005	Fuel Stop
2000	Fuel Stop
1999	Faruk Mohammed Fuel Stop
1995	Fuel Stop
1992	Fuel Stop
1980	Speed Bird Gas Station
1975	Vacant
1970	Gerwer Shell Service
1965	Gerwer Shell Service
1961	Arcade Shell Service
1957	Arcade Shell Service
1952	Christensen TT gro
1942	Fretts HA gro

**Address: 3300 Rio Linda Blvd** (Adjacent to Subject Property to the north)

Year	Uses
2014	Neighborhood Thrift
2005	Busters
2000	Smitty's Drive in
1999	Bhaijee Mohamed Smitty's Drive in
1995	Smitty's Drive in
1992	Smitty's Drive in
1991	Smitty's Drive in
1980	Smitty's Drive in
1975	Vacant

**Address: 3201 Rio Linda Blvd** (Adjacent to Subject Property to the west)

Year	Uses
2020	Turning Point Evangelistic Center Connie Dias
2010	Northern Sacramento Minister Lewis Hopper
2005	Full Gospel Missionary Church
2000	Full Gospel Missionary Church
1999	Coniglio Philip Full Gospel Missionary Church
1980	Coniglio Zenna L Joes Place Tavern
1975	Coniglio Joseph



1970	Coniglio Joseph
1965	Apartments Ertl Nicholas Luther Chas J Roberts Billy C Vacant Gress VA Coniglio Joseph Marcum Jacqueline M
1961	Christie Geo
1957	Apartments Dillon Della P Christie Geo Vacant Vaughn Wmi H
1952	Christie GS Rear Brown GE
1947	Christie Geo
1942	Christie Geo

**Address: 971 Arcade Blvd** (Adjacent to Subject Property to the east)

Year	Uses
2017	Jeffrey Crofoot
2014	Occupant Unknown
2010	Occupant Unknown
2005	Jeffrey Crofoot
2000	Occupant Unknown
1999	Steven Jimenez
1995	Steven Jimenez
1980	Sid Wolivet
1975	Gentry Butch
1970	White Hazel F
1965	White Hazel F
1957	White Hazel F
1952	White Hazel F
1947	White Hazel F
1942	White Hazel F

**Address: 3135 Rio Linda Blvd** (Adjacent to Subject Property to the south)

Year	Uses
2020	Stephen Williams Aurielle Williams Debra Williams
2017	Stephen Williams
2014	Stephen Williams



2005	Duensing Henry C
2000	Duensing Henry C
1999	Duensing Henry C
1995	Duensing Henry C
1992	Duensing Henry C
1991	Duensing Henry C
1980	Duensing Henry C
1975	Duensing Henry C
1965	Duensing Henry C
1961	Duensing Henry C
1957	Duensing Henry C
1956	Duensing Henry C
1952	Duensing Henry C
1942	Beierle John

### Aerial Photograph Search

Historic aerial photographs are included in **Appendix D**. The table below shows the summary of the historic aerial photograph research:

Date(s)	Property Comments	Surrounding Area Comments
1937	Undeveloped vacant land.	Roadway and railroad development mapped to the west of the Subject Property.
1947	Small structure onsite	Increased residential development south, east, and north of the Subject Property.
1957	Previous structure removed, new building an canopy erected.	Area west of Subject Property developed.
1964	No changes to Subject Property.	Further development surrounding Subject Property in all directions.
1966	Minimal changes to Subject Property.	Minimal changes.
1972	New structure on west side of Subject Property.	Minimal change.
1984	No change.	Minimal change.
1993	Arcade Blvd has been realigned at the intersection of Rio Linda Blvd for safety.	Minimal change.

### Historical Topographic Map Report



Historic topographic maps are included in **Appendix D**. The table below shows the summary of the historic topographic map research:

Date(s)	Quad	Property Comments	Surrounding Area Comments
1891	TP, Sacramento, 1891, 30-minute	Undeveloped vacant land.	Roadway and railroad development mapped to the southeast of the Subject Property.
1892	TP, Sacramento, 1892, 30-minute	Undeveloped vacant land.	Minimal change.
1893	TP, Sacramento, 1893, 30-minute	Undeveloped vacant land.	Minimal change.
1902	TP, Fairoaks, 1902, 15-minute	Undeveloped vacant land.	Additional roadway development surrounding the Subject Property.
1911	S, Brighton, 1911, 7.5-minute	Undeveloped vacant land.	Minimal changes.
1950	TP, Rio Linda, 1950, 7.5-minute	Undeveloped vacant land.	Increased streets in grid pattern, increased structures.
1951	TP, Rio Linda, 1951, 7.5-minute	Undeveloped vacant land.	Additional roadway development, additional structures.
1954	TP, Fair Oaks, 1954, 15-minute	Undeveloped vacant land.	Increased roadway and structure development surrounding Subject Property
1967	TP, Rio Linda, 1967, 7.5-minute	Main building and canopy constructed.	Minimal change.
1975	TP, Rio Linda, 1975, 7.5-minute	Area not mapped.	Minimal change.
1980	TP, Rio Linda, 1980, 7.5-minute	No change.	Minimal change.
1992	TP, Rio Linda, 1992, 7.5-minute	No change.	Minimal change.
2012	TP, Rio Linda, 2012, 7.5-minute	No change.	Minimal change.
2015	TP, Rio Linda, 2015, 7.5-minute	No change.	Minimal Change.
2018	TP, Rio Linda, 2018, 7.5-minute	No change.	Minimal change.



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## Sanborn Maps

Sanborn Fire Insurance Maps are detailed drawings of site development and were typically used by fire insurance companies to determine onsite fire insurability. On March 23, 2023, Soar Environmental researched the Sanborn Fire Insurance Maps, and four Sanborn maps covering the property were discovered. A copy of this search is included in **Appendix D**.



## Database Review

### Regulatory Government Agency Research

Soar Environmental ordered a radius map report from Environmental Data Research (EDR) which has databases maintained by federal, state, and local regulatory agencies (**Appendix C**). This EDR report was reviewed to identify facilities and properties recently or presently under environmental investigation for contamination on or surrounding the site. (\*NR in the table below designates No Record.)

### Previously Prepared Environmental Reports

There are numerous previously prepared environmental reports available for the Subject Property in the RWQCB database, Geotracker. Soar Environmental reviewed the entire case file to determine if there were any lingering environmental concerns. The Geotracker records review indicated that an historic release of gasoline constituents to soil and groundwater had occurred, various remediation techniques were applied to the affected media, and in November 2022, the RWQCB certified the Subject Property as remediated.

**Screening Criteria** The following screening criteria were used to identify which of the cases listed in the EDR report should be further evaluated based on their potential to have impacted the subsurface below the Project Site:

The facility is either:

- Within the Project Site; or,
- Upgradient of, and within 1/8 of a mile from, the Project Site; and,

The facility is listed on one of the databases of reported hazardous materials releases (Federal NPL, Federal CORRACTS, Federal CERCLIS, State CORTESE, State leaking underground storage tank (LUST), State SLIC, RESPONSE, EnviroStor, Geotracker, etc.); or,

The facility is listed as a Resource Conservation and Recovery Act (RCRA) large-quantity hazardous waste generator (LQG), a CERCLIS site, a UST operator, a SWEEPS site, a dry cleaner facility, or a CCSF Business Industry database site with an underground tank storing a significant volume of hazardous materials; or, the facility is listed as a solid waste landfill (not including transfer stations).

### Map Findings Summary of Found Properties

Database	Target Property	Search Distance (miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RCRA-SQG	1	0.250	0	0	NR	NR	NR	1
RESPONSE	0	1.000	0	1	0	2	NR	3
ENVIROSTOR	0	1.000	0	1	0	7	NR	8
LUST	1	0.500	0	0	0	NR	NR	1
Sacramento Co.CS	1	0.500	0	0	0	NR	NR	1
UST	3	0.250	0	0	NR	NR	NR	3
HIST Cal-Sites	0	1.000	0	1	0	2	NR	3
CERS HAZ WASTE	1	0.250	0	1	NR	NR	NR	2
SWEEPS UST	1	0.250	1	1	NR	NR	NR	3
HIST UST	1	0.250	1	1	NR	NR	NR	3
CERS TANKS	1	0.250	0	0	NR	NR	NR	1
CA FID UST	1	0.250	1	1	NR	NR	NR	3
RCRA NonGen/ NLR	1	0.250	0	2	NR	NR	NR	3





FINDS	3	0.001	0	NR	NR	NR	NR	3
ECHO	2	0.001	0	NR	NR	NR	NR	2
CA BOND EXP. PLAN	0	1.000	0	0	0	2	NR	2
Cortese	1	0.500	0	0	0	NR	NR	1
HIST CORTESE	1	0.500	0	1	0	NR	NR	2
HAZNET	3	0.001	0	NR	NR	NR	NR	3
Sacramento Co. ML	4	0.250	1	2	NR	NR	NR	7
CERS	2	0.001	0	NR	NR	NR	NR	2
HWTS	5	TP	NR	NR	NR	NR	NR	NR
EDR Hist Auto	2	0.125	1	NR	NR	NR	NR	3
RGA LUST	1	0.001	0	NR	NR	NR	NR	1
<b>Totals</b>	<b>36</b>	<b>-</b>	<b>5</b>	<b>12</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>66</b>

Full list of regulatory database results within 1 mile of the project area can be found in **Appendix C**.

### Subject Site

The review of environmental records found the Subject Property was listed under the researched databases. These database listings are detailed below.

<b>Facility</b>	Fuel Stop Mini Mart and Tire
<b>Address</b>	3200 Rio Linda Blvd Sacramento, CA 95815
<b>Researched Database(s)</b>	UST, FINDS, HAZNET, HWTS, HIST UST, HIST CORTESE, SWEEPS UST, CA FID UST, CERS HAZ WASTE, CERS TANKS, CERS, RCRA-SQG, ECHO, EDR Hist Auto, LUST, Sacrametno Co. CS, CORTESE, RCRA NonGen/ NLR,
<b>Distance From Site (ft)</b>	Target Property
<b>Elevation Compared to Site</b>	N/A
<b>Comments</b>	<p>HAZNET classification for the below hazards found on the property:          0.8757 tons of Unspecified oil-containing waste          Off-specification, aged or surplus organics</p> <p>HWTS:          Facility listed as inactive on 3/18/2023.</p> <p>HIST UST:          Facility listed as gas station with five USTs reported installed. Four of the tanks reported containing regular gasoline fuel. One tank reported contained premium fuel.</p> <p>SWEEPS UST:          Five USTs containing motor vehicle fuel reported installed. Four of the tanks reported containing regular gasoline fuel. One tank reported contained premium fuel.</p> <p>CERS HAZ WASTE:          Facility listed as hazardous waste generator.</p>





CERS:

Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak. Returned to compliance on 03/15/2021.

Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected. Returned to compliance on 12/06/2017.

RCRA-SQG:

Facility listed as small quantity generator. Benzene and Halogenated solvents are listed as waste. No violations or evaluations reported.

RCRA NonGen/ NLR:

No violations or evaluations reported.

LUST:

Potential contaminants of gasoline to the drinking water supply aquifer.

On December 16, 1999, five USTs were removed. During removal of the USTs, an SCEMD inspector noted the presence of gasoline odor and discoloration in subsurface soil. Following system removal, soil samples were collected under SCEMD direction. The analytical results from the sampling confirmed that soil beneath the USTs and dispensers had been impacted by Total Petroleum Hydrocarbons (TPH)-as-gasoline, benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tertiarybutyl ether (MTBE). Seven onsite soil borings were drilled, and three groundwater monitoring wells (MW-1, MW-2 and MW-3) were installed. The results of this investigation showed that soil and groundwater beneath the site had been impacted by gasoline hydrocarbons from the former UST system. Impacts to soil and groundwater were pervasive and mostly undefined. Between July 18, 2002, and May 30, 2005, a total of approximately 5,213.50 ounces (40.73 gallons) of free product were removed after 68 recovery events. Between June 8, 2005, and October 16, 2007, a total of 3,390 gallons of gasoline and groundwater mixture were removed from MW-3 in 26 monthly vacuum truck product recovery events. The free product removal events were discontinued in October 2007, pending the startup of the soil vapor extraction and air sparging system. The system began operation in 2009 and continues to the present.

The case was reported as closed and completed on 3/5/2019.

Sacramento Co. ML:

Facility status reported as inactive.



SDS Sheet	See <b>Appendix F</b> for SDS details
-----------	---------------------------------------

**Adjacent/Nearby Properties**

Facility	Smitty's Drive-Inn
Address	3300 Rio Linda Blvd Sacramento, CA 95838
Researched Database(s)	HIST UST, Sacramento Co. ML, EDR Hist Auto, SWEEPS UST, CA FID UST
Distance from Ste (ft)	576
Elevation compared to Site	Higher
Comments	HIST UST: Facility listed as gas station with two USTs reported installed. The tanks reported contained regular gasoline fuel.  CA FID UST: Facility listed as inactive.

Facility	Ethan Browning
Address	1045 Sonoma Ave Sacramento, CA 95815
Researched Database(s)	SWEEPS UST, CA FID UST, HIST UST, Sacramento Co. ML
Distance from Ste (ft)	821
Elevation compared to Site	Higher
Comments	SWEEPS UST: One UST containing motor vehicle fuel reported installed.  CA FID UST: Facility listed as active.

Facility	Sonoma Avenue Site
Address	1035 Sonoma Avenue Sacramento, Ca 95815
Researched Database(s)	RESPONSE, ENVIROSTOR, HIST Cal-Sites, LIENS, HIST CORTESE, CERS
Distance from Ste (ft)	871
Elevation compared to Site	Higher
Comments	RESPONSE: Facility reported as location of illegal dumping. Potential soil contamination of lead. Approximately 189 cy of lead contaminated soils were transported for



disposal to a Class I landfill. Soil samples were analyzed by a mobile XRF lab in conjunction with a state certified lab during the excavation to ensure complete removal of the contaminated soils. Backfill was applied to the excavated areas, spread evenly, and compacted. All work was performed in accordance with the approved Removal Action Workplan. No further action is required.

**LIENS:**

The site is a 0.13-acre undeveloped lot. In 1989, the responsible parties transported and disposed of lead contaminated soil and battery parts originating from Sierra Battery Sales in 11 stockpiles throughout the site. After numerous attempts to have the responsible parties conduct the cleanup, DTSC through use of its contractor removed the contaminated soils and backfilled excavated areas. The removal met preliminary remediation goals set in the Removal Action Workplan and no further response is necessary. Site was certified 2/5/96.

### Vapor Encroachment Screening

Vapor encroachment screening was not conducted as a part of this assessment.

### Orphan Properties

No Orphan properties were found from the database searched conducted by Soar.

### Agency File Review

#### Local/County

Records requests were filed with the City of Sacramento and Sacramento County pertaining to any public records available regarding fire incidents or hazardous materials incidents at the Subject Property. Sacramento County Department of Public Health, Division of Environmental Health located sixteen records for this address/APN (See Appendix D). These records reflect the findings within the CUPA and UST databases. Inspections of the UST operations, repair, and removal are documented. Correspondence between the county and the subject property management about the UST removal operations is recorded. Hazardous material permits were also provided for the subject property.

### Conclusions

Soar Environmental Consulting conducted this Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-21 on Fresno County Assessor's Parcel Number 158-220-31, located at 3200 Rio Linda Blvd., in Sacramento, California, 95815. This Environmental Site Assessment revealed no recognized environmental concerns or significant data gaps in connection with the Subject Property. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report.

### Recognized Environmental Conditions

In November 2022, the RWQCB certified that the historic release of gasoline had been remediated and the case was summarily closed. One Site proximal and upgradient to the Subject Property was called out in the EDR



report as having environmental concerns. However, that site is separated from the Subject Property by Arcade Creek, which is at a lower elevation than the Subject Property. Subsurface contamination from this site is not likely to impact the subsurface beneath the Subject Property as the Creek provides a hydrologic barrier, which may carry contaminants downstream, away from the Subject Property. Based on these circumstances, no RECs were identified on the Subject Property.

### **Controlled Recognized Environmental Conditions**

No CRECs were identified in connection with the Subject Property.

### **Historical Recognized Environmental Conditions**

No HRECs were identified in connection with the Subject Property.

### **De Minimis Conditions**

No DMCs were identified in connection with the Subject Property.

### **Recommendations**

Based on these circumstances, Soar Environmental Consulting does not recommend further investigation to assess the potential for environmental concerns on the Subject Property.



### Qualifications and Signature

Soar Environmental Consulting, Inc. has performed this assessment under my supervision in accordance with generally accepted environmental practices and procedures, as of the date of this report. I declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional as defined in 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. I have employed the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental professionals practicing in this area. The conclusions contained within this assessment are based upon site conditions readily observed or were reasonably ascertainable and present at the time of the reconnaissance.

Evan G. Studley

\_\_\_\_\_  
Name

*Evan Studley*

\_\_\_\_\_  
Signature



## References

### Agencies Contacted

### Documents Reviewed

ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process dated December 2021. [www.astm.org](http://www.astm.org)

ASTM E2600-15, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, dated October 2015. [www.astm.org](http://www.astm.org)

California State Water Resources Control Board, online Groundwater Ambient Monitoring and Assessment (GAMA) Program database  
[https://www.waterboards.ca.gov/water\\_issues/programs/gama/online\\_tools.html](https://www.waterboards.ca.gov/water_issues/programs/gama/online_tools.html)

EDR Aerial Photo Decade Package, Sarita Prasad SAC, Inquiry Number: 7287764.8, dated March 23, 2023, EDR, 6 Armstrong Road, 4th Floor, Shelton, Connecticut 06484.

EDR Certified Sanborn® Map Report, Sarita Prasad SAC, Inquiry Number: 7287764.3, dated March 23, 2023, EDR, 6 Armstrong Road, 4th Floor, Shelton, Connecticut 06484.

EDR-City Directory Image Report Sarita Prasad SAC, Inquiry Number: 7287764.5, Dated March 23, 2023, EDR, 6 Armstrong Road, 4th Floor, Shelton, Connecticut 06484.

EDR Historical Topo Map Report, Sarita Prasad SAC, Inquiry Number: 7287764.4, dated March 23, 2023, EDR, 6 Armstrong Road, 4th Floor, Shelton, Connecticut 06484.

EDR Radius Map with Geocheck®, Sarita Prasad SAC, Inquiry Number: 7287764.2s, dated March 23, 2023, EDR, 6 Armstrong Road, 4th Floor, Shelton, Connecticut 06484

Google Earth Pro © 2019.

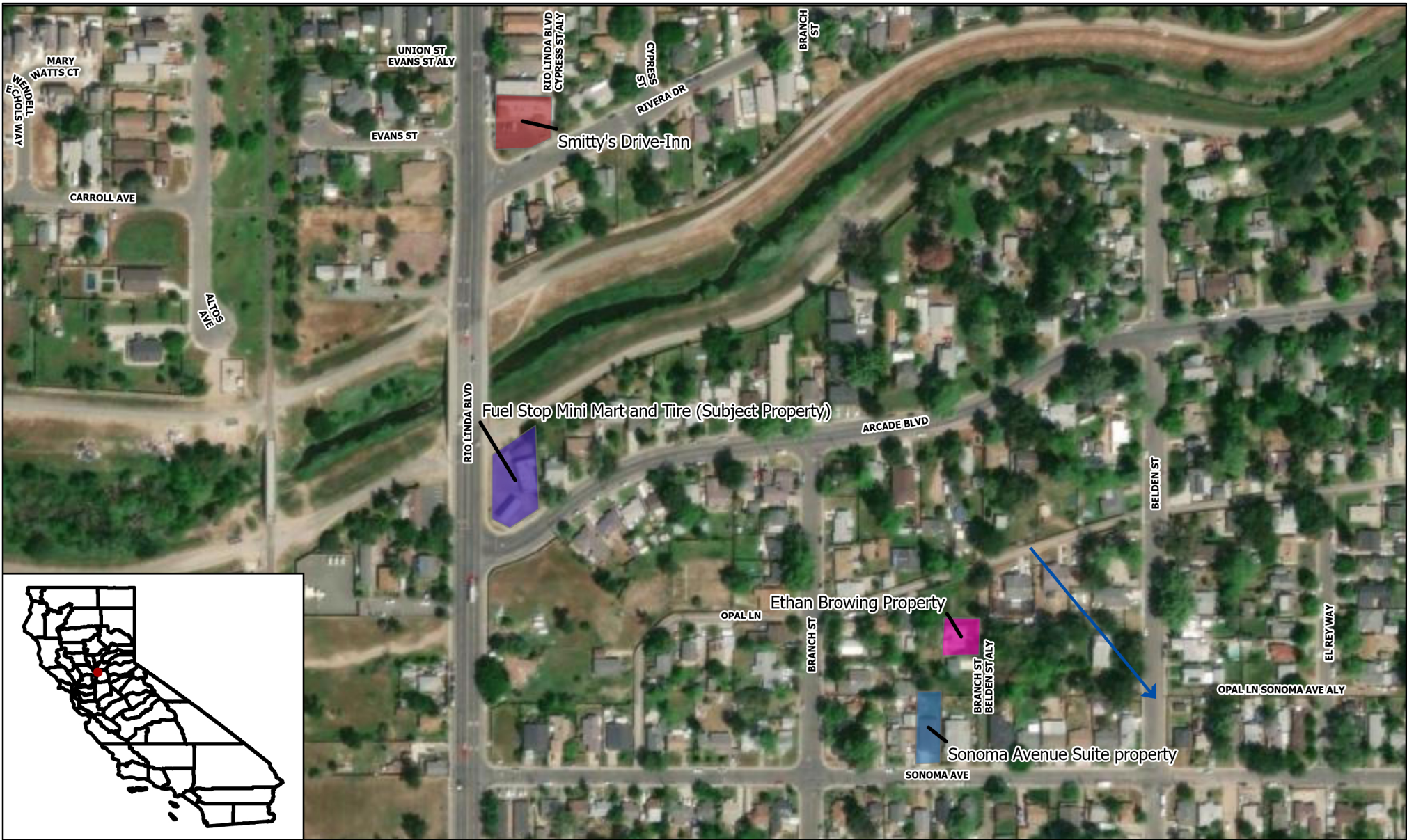


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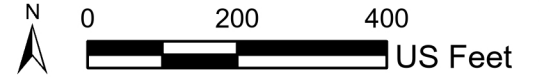
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## Appendix A: Maps





→ Ground Water Flow



559.547.8884  
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<u>Title</u> Former Fuel Stop Gasoline Station	<u>Facility Address</u> 3200 Rio Linda Blvd Sacramento, CA 95815
<u>Client</u> Sarita Prasad	

<u>Figure # 1</u> Site Map
<u>Revision Date</u> 04/21/23





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## Appendix B: Site Photos



# Monitoring Log:

1322 East Shaw Avenue  
Suite 400  
Fresno, California 93710  
559-547-8884  
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Soar Environmental

<b>Survey Date:</b> 04/03/2023		<b>Start Time:</b>	<b>End Time:</b>	<b>Monitor(s):</b> Studley	
<b>Weather Conditions:</b> Clear Overcast <input type="checkbox"/> Pt. Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet/Hail <input type="checkbox"/>			<b>Wind:</b> 0 <input type="checkbox"/> < 5 5-20 <input type="checkbox"/>	>20 <input type="checkbox"/>	<b>Air Temp:</b> 47 °F (Start) / 53 °F (End)
<b>Survey Locality:</b>					
<u>APN:</u>					
<u>Address:</u> 3200 Rio Linda Blvd, Sacramento, CA 95815					
<b>Notes/Observations:</b>					
<p>On April 3, 2023, Soar Environmental mobilized to the former Fuel Stop Mini-Mart and Tire gas station. The approximately 0.5-acre former auto service station parcel is bound on the north by Arcade Creek, an ephemeral stream; on the South by Arcade Blvd; to the West by Rio Linda Blvd, and by single family residential homes to the east.</p> <p>Electricity and gas are provided to the Subject Property via subsurface connections. It appears that sewer and water are provided by the City of Sacramento. There are no storm drain inlets within the Property boundaries, however, a storm drain inlet is present along Arcade Blvd. Arcade Blvd and Rio Linda Blvd have curbs and gutters to convey stormwater.</p> <p>The Subject Property is separated from Arcade Creek by a 10-foot-tall levee and 15-foot-wide dirt levee road along the top of the southern stream bank. There is an 8-foot-tall earthen bank leading up to Rio Linda Blvd. The majority of the Subject Property is covered with cracked and patched asphalt. Cracked concrete is present surrounding the two fuel dispensers, the underground storage tanks and associated fill ports, and beneath the metal canopy. One monitoring well vault, a water main vault, and underground storage tank filling ports, are present within the cracked concrete. Numerous concrete patches are present within the cracked asphalt and concrete, possibly derived from previous onsite subsurface investigations. The metal-siding clad main building has been boarded up for the past two years. Vandals have removed all electrical wiring from the fuel dispensers and exterior of the building and canopy. Bay doors are boarded up, however, there is an opening in the metal siding at the rear of the main building which provides crawl space access for trespassers. Windows in the front are protected by wrought iron bars.</p> <p>A chain-link fence along the eastern and northern parcel boundaries is damaged and provides access to the rear of the building. A portion of the southeastern fence is wrought iron. Trash, clothes, and dirty blankets are present throughout the Subject Property. Weeds are growing in asphalt and concrete cracks, and on the slopes up to Rio Linda Blvd and Arcade Creek. Paint is chipping from the canopy and main building structure. 55-gallon metal drums are present inside the main building. It is unknown if the drums are full, partially full, or empty. However, clothes and a pry bar were present on one of the drums during the April 4, 2023 Site reconnaissance. There is an air tank present near the exterior northeastern corner of the main building along with various pipes and conduits. A swamp cooler is attached to the rear of the main building.</p>					



Photo 1 – North corner of the site (Facing North).



Photo 2 – North corner of the site (Facing East).

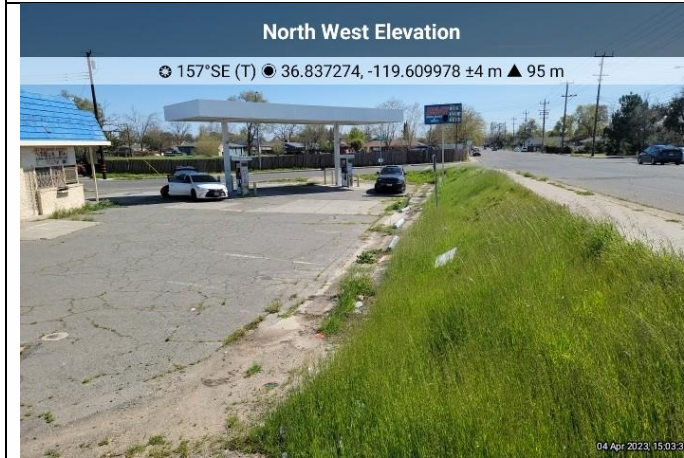


Photo 3 – North corner of the site (Facing South).

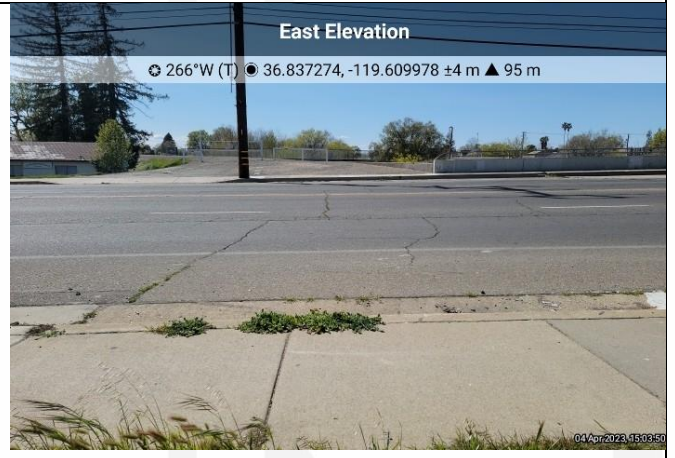


Photo 4 – North corner of the site (Facing West).



Photo 5 – West corner of the site (Facing North).



Photo 6 – West corner of the site (Facing East).





Photo 7 – West corner of the site (Facing South).



Photo 8 – West corner of the site (Facing West).



Photo 9 – South corner of the site (Facing North).



Photo 10 – South corner of the site (Facing East).



Photo 11- South corner of the site (Facing South).

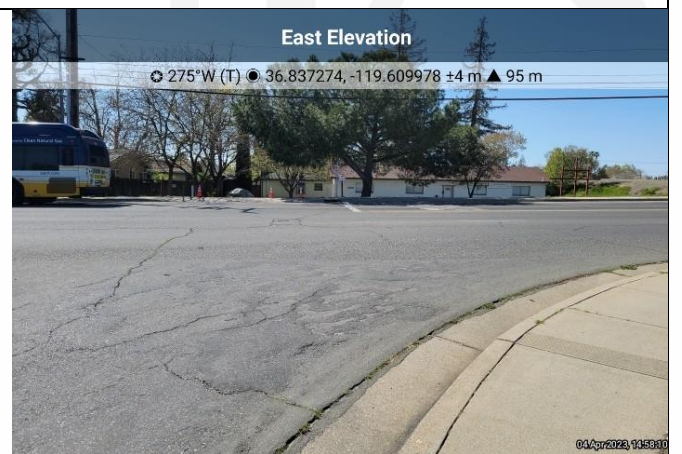


Photo 12- South corner of the site (Facing West).





Photo 13 – East corner of the site (Facing North).

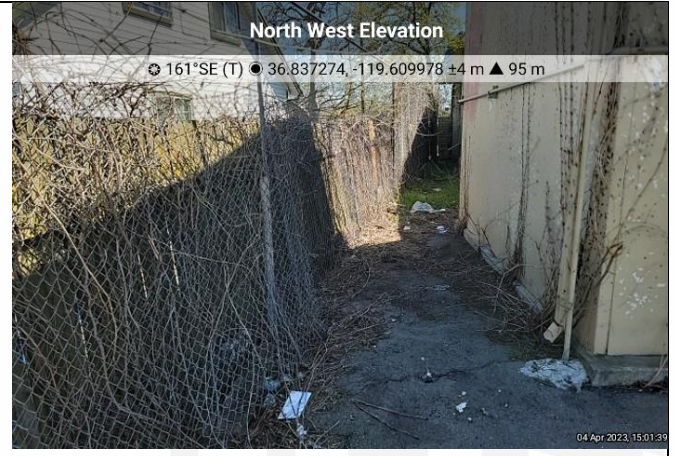


Photo 14 – East corner of the site (Facing East).



Photo 15 – East corner of the site (Facing South).



Photo 16 – East corner of the site (Facing West).





Photo 17 – Water vault and patched asphalt from previous site investigations. View northwest.



Photo 18 – City of Sacramento MS4 storm drain inlet drains stormwater from the site. View northwest.



Photo 19 – Patches from previous site borings and trenches in cracked asphalt. View northwest.



Photo 20 – Tank filling ports. View north.



Photo 21 – Lone remaining monitoring well onsite. View southwest.



Photo 22 – Fuel dispenser wiring has been removed. View north.





Photo 23 – Fuel dispenser wiring has been removed. View northeast.

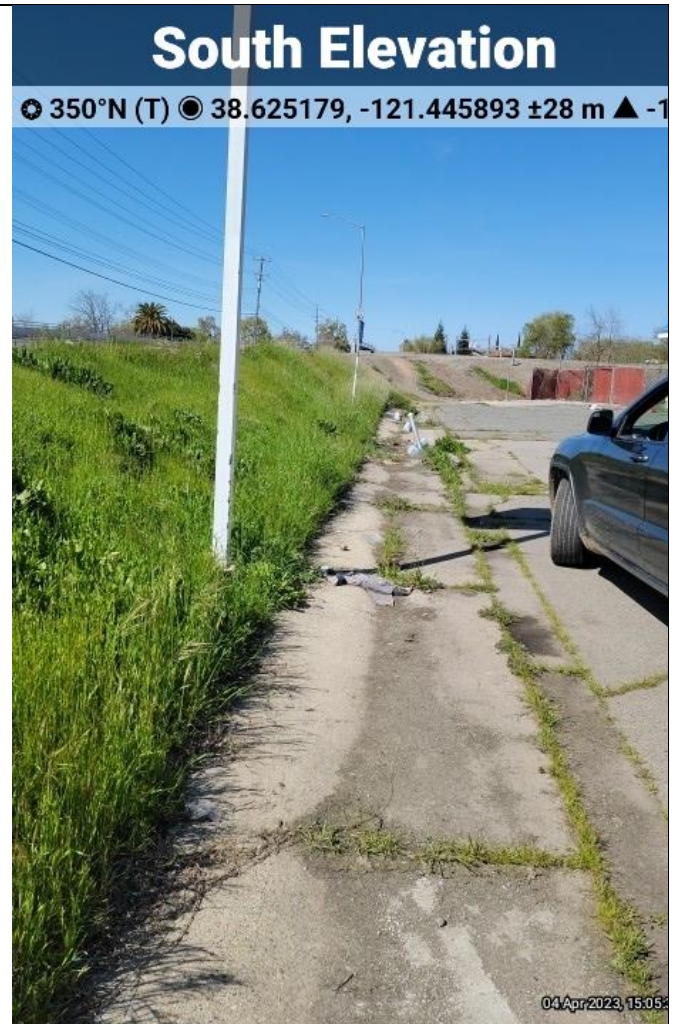


Photo 24 – Concrete swale conveys stormwater from west side of Site to storm drain on Arcade Blvd, south of site. View north.





Photo 25 – Arcade Creek lies immediately north of the Subject Property. View north.

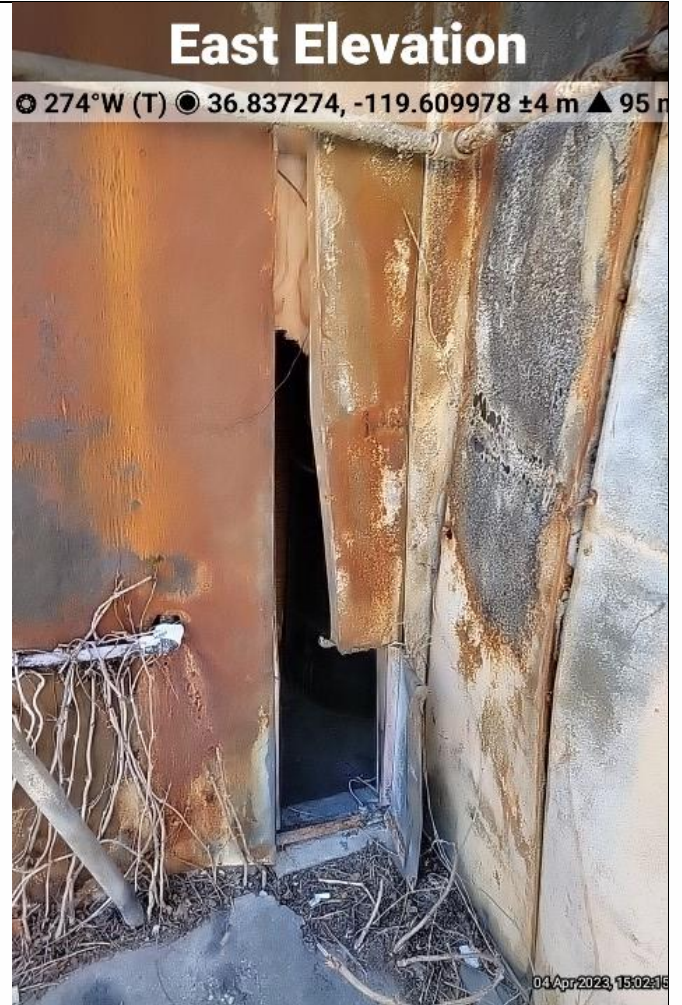


Photo 26 – Hole present in steel wall of building at rear allows trespasser entry. View west.



Photo 27 – Personal items and used 55-gallon steel drum present in interior of building. View west.



Photo 28 – Evaporative cooler present on rear of building. View southeast.



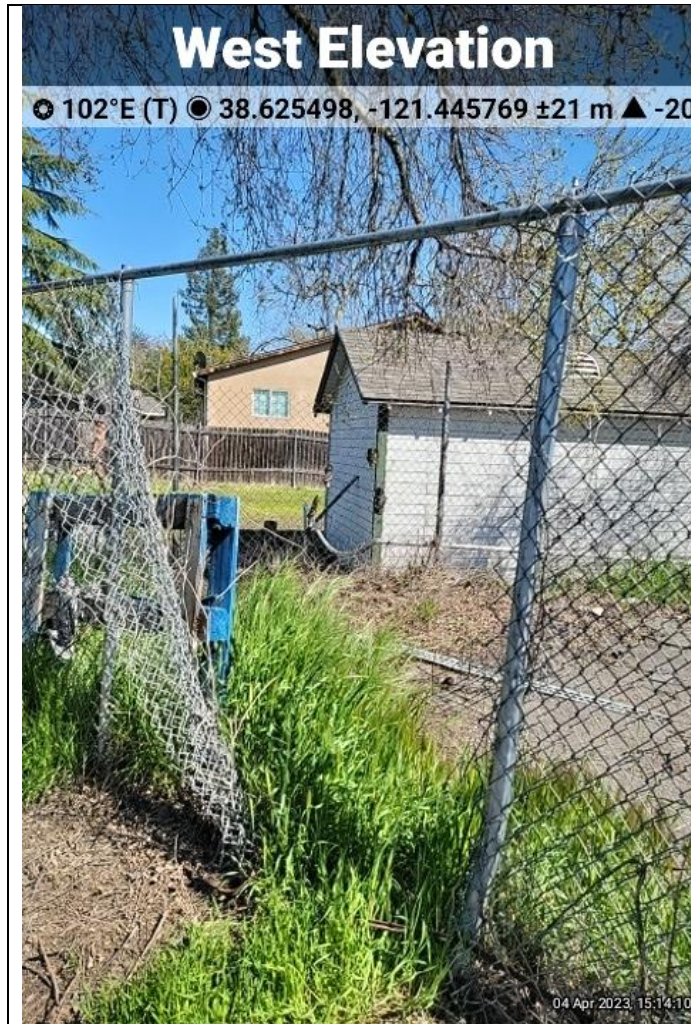


Photo 29 – Perimeter fence damaged along eastern side of site. View east.



Photo 30 – Arcade Creek access road immediately north of Subject Property. View northeast.





Photo 31 – Bay doors and entry door boarded up for safety. note cracked asphalt. View east.

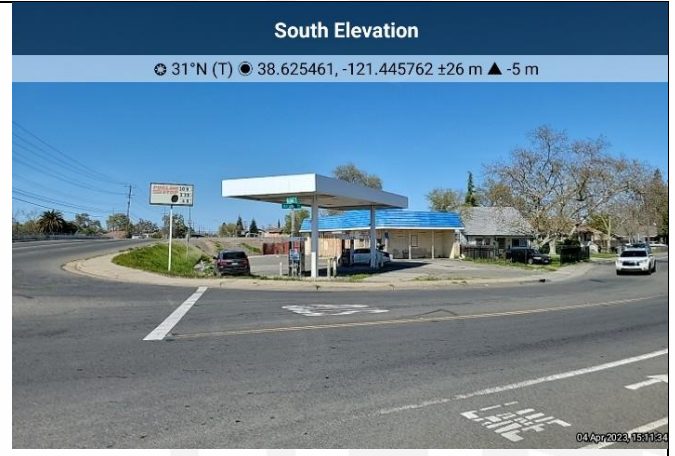


Photo 32 – Subject property from across Arcade Blvd. View north.

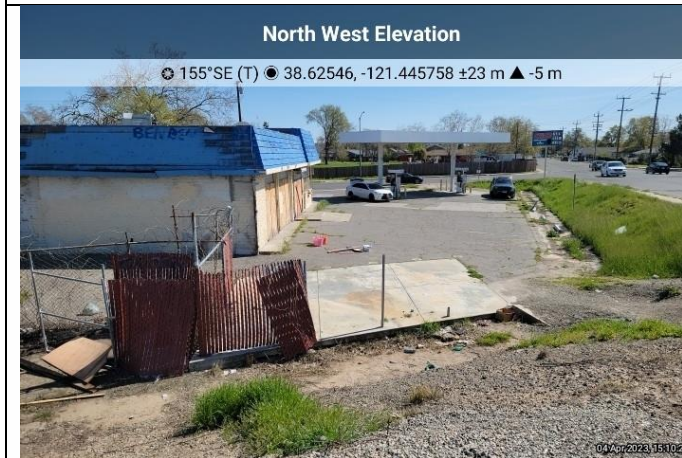


Photo 33 – Subject property from Arcade Creek access road. View southeast.



Photo 34 – Round concrete structure within concrete swale at west side may have been associated with storm water drainage but presently filled with soil. View northwest.



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---

## Appendix C: Regulatory Records Review

**Sarita Prasad SAC**

3200 Rio Linda Boulevard  
Sacramento, CA 95815

Inquiry Number: 7287764.2s  
March 23, 2023

# 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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***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

3200 RIO LINDA BOULEVARD  
SACRAMENTO, CA 95815

#### COORDINATES

Latitude (North): 38.6253870 - 38° 37' 31.39"  
Longitude (West): 121.4458580 - 121° 26' 45.08"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 635289.8  
UTM Y (Meters): 4276145.0  
Elevation: 30 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 12021639 RIO LINDA, CA  
Version Date: 2018  
  
South Map: 12021645 SACRAMENTO EAST, CA  
Version Date: 2018

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140621  
Source: USDA



MAPPED SITES SUMMARY

Target Property Address:  
3200 RIO LINDA BOULEVARD  
SACRAMENTO, CA 95815

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">A1</a>	15287 SACRAMENTO COU	3200 RIO LINDA BLVD	FINDS		TP
<a href="#">A2</a>	FUEL STOP MINI MART	3200 RIO LINDA BLVD	UST		TP
<a href="#">A3</a>	RAMAGE ENVIROMENTAL	3200 RIO LINDA BLVD	HAZNET, HWTS		TP
<a href="#">A4</a>	ALLADIN SELF SERVICE	3200 RIO LINDA BLVD	HIST UST		TP
<a href="#">A5</a>	FULL STOP MINI MARKE	3200 RIO LINDA BOULE	UST		TP
<a href="#">A6</a>	RIO LINDA GAS	3200 RIO LINDA BLVD	HWTS		TP
<a href="#">A7</a>	FULL STOP MINIMART	3200 RIO LINDA	HIST CORTESE		TP
<a href="#">A8</a>	FUEL STOP	3200 RIO LINDA BLVD	SWEEPS UST, CA FID UST		TP
<a href="#">A9</a>	SAMEER INC DBA FUEL	3200 RIO LINDA BLVD	FINDS		TP
<a href="#">A10</a>	FUEL STOP MINI MART	3200 RIO LINDA BLVD	CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, HWTS		TP
<a href="#">A11</a>	FARUK FULL STOP	3200 RIO LINDA BLVD	RCRA-SQG, HAZNET, HWTS		TP
<a href="#">A12</a>	FARUK FULL STOP	3200 RIO LINDA BLVD	FINDS, ECHO		TP
<a href="#">A13</a>	ARCADE SHELL SERVICE	3200 RIO LINDA BLV	EDR Hist Auto		TP
<a href="#">A14</a>	FULL STOP MINIMART	3200 RIO LINDA BLVD	LUST, Sacramento Co. CS, Cortese, CERS		TP
<a href="#">A15</a>	FULL STOP MINIMART	3200 RIO LINDA BLVD	RGA LUST		TP
<a href="#">A16</a>	FULL STOP MINI MART	3200 RIO LINDA BLVD	HWTS		TP
<a href="#">A17</a>	FUEL STOP MINI MART	3200 RIO LINDA BLVD	Sacramento Co. ML		TP
<a href="#">A18</a>	SAMEER INC DBA FUEL	3200 RIO LINDA BLVD	RCRA NonGen / NLR		TP
<a href="#">A19</a>	SAMEER INC DBA FUEL	3200 RIO LINDA BLVD	ECHO		TP
<a href="#">A20</a>	GERWER SHELL SERVICE	3200 RIO LINDA BLV	EDR Hist Auto		TP
<a href="#">A21</a>	FULL STOP MINI MART	3200 RIO LINDA BLVD	UST		TP
<a href="#">A22</a>	FULL STOP MINI MART	3200 RIO LINDA BL	Sacramento Co. ML		TP
<a href="#">A23</a>	ALLADIN SELF SERVICE	3200 RIO LINDA BL	Sacramento Co. ML		TP
<a href="#">A24</a>	FUEL STOP	3200 RIO LINDA BL	Sacramento Co. ML		TP
<a href="#">B25</a>	SMITTY'S DRIVE-INN	3300 RIO LINDA BL	HIST UST, Sacramento Co. ML	Higher	576, 0.109, North
<a href="#">B26</a>	SMITTY'S	3300 RIO LINDA BLVD	EDR Hist Auto	Higher	576, 0.109, North
<a href="#">B27</a>	DAVE SMITH	3300 RIO LINDA BLVD	SWEEPS UST, CA FID UST	Higher	576, 0.109, North
<a href="#">C28</a>	ETHAN BROWNING	1045 SONOMA AVE	SWEEPS UST, CA FID UST	Higher	821, 0.155, ESE
<a href="#">C29</a>	ETHAN BROWN	1045 SONOMA AV	HIST UST, Sacramento Co. ML	Higher	821, 0.155, ESE
<a href="#">C30</a>	SONOMA AVENUE SITE	1035 SONOMA AVENUE	RESPONSE, ENVIROSTOR, HIST Cal-Sites, LIENS, HIST...	Higher	871, 0.165, ESE
<a href="#">D31</a>	CITY OF SAC - WELL 1	851 ACACIA AVE	CERS HAZ WASTE, Sacramento Co. ML, CERS	Lower	1044, 0.198, SSW
<a href="#">D32</a>	WELL 143	3001 RIO LINDA BLVD	RCRA NonGen / NLR	Lower	1063, 0.201, South
<a href="#">33</a>	MARIA SANTILLAN	1015 RIVERA DRIVE	RCRA NonGen / NLR	Higher	1143, 0.216, NE
<a href="#">34</a>	CLEANING CIRCUS	3213 MARYSVILLE BOUL	RCRA-SQG, ENVIROSTOR, FINDS, ECHO, Sacramento Co...	Higher	3618, 0.685, East
<a href="#">35</a>	DEL PASO HEIGHTS ES	590 MOREY AVENUE	ENVIROSTOR, SCH, CIWQS	Higher	3870, 0.733, NNW
<a href="#">36</a>	7UP BOTTLING FACILIT	2670 LAND AVE	ENVIROSTOR, SWF/LF, LUST, CPS-SLIC, VCP, DEED,...	Higher	4760, 0.902, SE
<a href="#">E37</a>	STRAWBERRY MANOR PCB	188 OLMSTEAD DR	HIST Cal-Sites	Lower	4929, 0.934, West
<a href="#">E38</a>	STRAWBERRY MANOR/PCB	188 OLMSTEAD	RESPONSE, ENVIROSTOR, CA BOND EXP. PLAN	Lower	4929, 0.934, West
<a href="#">F39</a>	HARRIS AVENUE PCB SI	627 HARRIS AVENUE	CA BOND EXP. PLAN	Higher	4999, 0.947, NNW

MAPPED SITES SUMMARY

Target Property Address:  
 3200 RIO LINDA BOULEVARD  
 SACRAMENTO, CA 95815

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">F40</a>	HARRIS AVENUE PCB SI	627 HARRIS AVE	RESPONSE, ENVIROSTOR, CPS-SLIC, HIST Cal-Sites,...	Higher	4999, 0.947, NNW
<a href="#">41</a>	AMERICAN POLY-THERM	1636 KATHLEEN AVENUE	ENVIROSTOR, CPS-SLIC, CHMIRS, CERS	Higher	5080, 0.962, ESE
<a href="#">42</a>	RT METRO	2700 ACADEMY WAY	ENVIROSTOR, Sacramento Co. CS, SWEEPS UST, CA FID...	Higher	5265, 0.997, SE

## 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
15287 SACRAMENTO COU 3200 RIO LINDA BLVD RIO LINDA, CA 95673	FINDS Registry ID:: 110043364301	N/A
FUEL STOP MINI MART 3200 RIO LINDA BLVD SACRAMENTO, CA 95815	UST Database: UST, Date of Government Version: 12/02/2022 Facility Id: FA0005745	N/A
RAMAGE ENVIROMENTAL 3200 RIO LINDA BLVD SACRAMENTO, CA 95815	HAZNET GEPaid: CAC002554808  HWTS	N/A
ALLADIN SELF SERVICE 3200 RIO LINDA BLVD SACRAMENTO, CA 95815	HIST UST Facility Id: 00000058657	N/A
FULL STOP MINI MARKE 3200 RIO LINDA BOULE RIO LINDA, CA 95815	UST Database: UST CLOSURE, Date of Government Version: 11/28/2022	N/A
RIO LINDA GAS 3200 RIO LINDA BLVD SACRAMENTO, CA 95815	HWTS	N/A
FULL STOP MINIMART 3200 RIO LINDA SACRAMENTO, CA 95815	HIST CORTESE Reg Id: 341309	N/A
FUEL STOP 3200 RIO LINDA BLVD SACRAMENTO, CA 95815	SWEEPS UST Status: A Tank Status: A Comp Number: 58657  CA FID UST Facility Id: 34007257 Status: A	N/A
SAMEER INC DBA FUEL 3200 RIO LINDA BLVD SACRAMENTO, CA 95815	FINDS	N/A

## EXECUTIVE SUMMARY

Registry ID:: 110065567782

<p>FUEL STOP MINI MART 3200 RIO LINDA BLVD SACRAMENTO, CA 95815</p>	<p>CERS HAZ WASTE CERS TANKS HAZNET GEPaid: CAL000297809</p> <p>CERS HWTS</p>	<p>N/A</p>
<p>FARUK FULL STOP 3200 RIO LINDA BLVD SACRAMENTO, CA 95838</p>	<p>RCRA-SQG EPA ID:: CAR000159814</p> <p>HAZNET GEPaid: CAR000159814</p> <p>HWTS</p>	<p>CAR000159814</p>
<p>FARUK FULL STOP 3200 RIO LINDA BLVD SACRAMENTO, CA 95838</p>	<p>FINDS Registry ID:: 110020745648</p> <p>ECHO Registry ID: 110020745648</p>	<p>N/A</p>
<p>ARCADE SHELL SERVICE 3200 RIO LINDA BLV DEL PASO HEIGHTS, CA</p>	<p>EDR Hist Auto</p>	<p>N/A</p>
<p>FULL STOP MINIMART 3200 RIO LINDA BLVD RIO LINDA, CA 95815</p>	<p>LUST Database: LUST REG 5, Date of Government Version: 07/01/2008 Database: LUST, Date of Government Version: 12/02/2022 Status: Completed - Case Closed Status: Remedial action (cleanup) Underway Global Id: T0606701131</p> <p>Sacramento Co. CS Facility Id: RO0001400</p> <p>Cortese Cleanup Status: COMPLETED - CASE CLOSED</p> <p>CERS</p>	<p>N/A</p>
<p>FULL STOP MINIMART 3200 RIO LINDA BLVD SACRAMENTO, CA</p>	<p>RGA LUST</p>	<p>N/A</p>
<p>FULL STOP MINI MART 3200 RIO LINDA BLVD SACRAMENTO, CA 95815</p>	<p>HWTS</p>	<p>N/A</p>
<p>FUEL STOP MINI MART 3200 RIO LINDA BLVD SACRAMENTO, CA 95815</p>	<p>Sacramento Co. ML</p>	<p>N/A</p>

## EXECUTIVE SUMMARY

SAMEER INC DBA FUEL 3200 RIO LINDA BLVD SACRAMENTO, CA 95815	RCRA NonGen / NLR EPA ID:: CAL000297809	CAL000297809
SAMEER INC DBA FUEL 3200 RIO LINDA BLVD SACRAMENTO, CA 95815	ECHO Registry ID: 110070589475	N/A
GERWER SHELL SERVICE 3200 RIO LINDA BLV SACRAMENTO, CA	EDR Hist Auto	N/A
FULL STOP MINI MART 3200 RIO LINDA BLVD SACRAMENTO, CA 95815	UST Database: UST, Date of Government Version: 12/02/2022 Facility Id: FA0005745	N/A
FULL STOP MINI MART 3200 RIO LINDA BL SACRAMENTO, CA 95815	Sacramento Co. ML Facility Status: Inactive. Included on a listing no longer updated. Facility Id: U0178288	N/A
ALLADIN SELF SERVICE 3200 RIO LINDA BL SACRAMENTO, CA 95815	Sacramento Co. ML Facility Status: Inactive. Included on a listing no longer updated. Facility Id: U0178288	N/A
FUEL STOP 3200 RIO LINDA BL SACRAMENTO, CA 95815	Sacramento Co. ML Facility Status: Inactive. Included on a listing no longer updated. Facility Id: U0178288	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***

NPL..... National Priority List

## EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Lists of Federal Delisted NPL sites***

Delisted NPL..... National Priority List Deletions

### ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

### ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS..... Corrective Action Report

### ***Lists of Federal RCRA TSD facilities***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Lists of Federal RCRA generators***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROLS..... Institutional Controls Sites List

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF..... Solid Waste Information System

### ***Lists of state and tribal leaking storage tanks***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land  
CPS-SLIC..... Statewide SLIC Cases

### ***Lists of state and tribal registered storage tanks***

FEMA UST..... Underground Storage Tank Listing  
AST..... Aboveground Petroleum Storage Tank Facilities  
INDIAN UST..... Underground Storage Tanks on Indian Land

### ***Lists of state and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing



## EXECUTIVE SUMMARY

VCP..... Voluntary Cleanup Program Properties

### ***Lists of state and tribal brownfield sites***

BROWNFIELDS..... Considered Brownfields Sites Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

#### ***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL..... Delisted National Clandestine Laboratory Register

SCH..... School Property Evaluation Program

CDL..... Clandestine Drug Labs

Toxic Pits..... Toxic Pits Cleanup Act Sites

US CDL..... National Clandestine Laboratory Register

#### ***Local Land Records***

LIENS..... Environmental Liens Listing

LIENS 2..... CERCLA Lien Information

DEED..... Deed Restriction Listing

#### ***Records of Emergency Release Reports***

HMIRS..... Hazardous Materials Information Reporting System

CHMIRS..... California Hazardous Material Incident Report System

LDS..... Land Disposal Sites Listing

MCS..... Military Cleanup Sites Listing

SPILLS 90..... SPILLS 90 data from FirstSearch

#### ***Other Ascertainable Records***

FUDS..... Formerly Used Defense Sites

DOD..... Department of Defense Sites

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION..... 2020 Corrective Action Program List

TSCA..... Toxic Substances Control Act

TRIS..... Toxic Chemical Release Inventory System

## EXECUTIVE SUMMARY

SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
PFAS.....	PFAS Contamination Site Location Listing
AQUEOUS FOAM.....	Former Fire Training Facility Assessments Listing
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EML.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
ICE.....	ICE
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
HAZMAT.....	Hazardous Material Facilities

## EXECUTIVE SUMMARY

UIC.....	UIC Listing
UIC GEO.....	UIC GEO (GEOTRACKER)
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
CIWQS.....	California Integrated Water Quality System
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 Cleaner.....	EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
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### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### STANDARD ENVIRONMENTAL RECORDS

#### ***Lists of state- and tribal (Superfund) equivalent sites***

RESPONSE: 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.

A review of the RESPONSE list, as provided by EDR, has revealed that there are 3 RESPONSE sites

## EXECUTIVE SUMMARY

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>SONOMA AVENUE SITE</b> Database: RESPONSE, Date of Government Version: 10/24/2022 Status: Certified Facility Id: 34990001	<b>1035 SONOMA AVENUE</b>	<b>ESE 1/8 - 1/4 (0.165 mi.)</b>	<b>C30</b>	<b>83</b>
<b>HARRIS AVENUE PCB SI</b> Database: RESPONSE, Date of Government Version: 10/24/2022 Status: Certified Facility Id: 34330035	<b>627 HARRIS AVE</b>	<b>NNW 1/2 - 1 (0.947 mi.)</b>	<b>F40</b>	<b>145</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>STRAWBERRY MANOR/PCB</b> Database: RESPONSE, Date of Government Version: 10/24/2022 Status: Certified Facility Id: 34330034	<b>188 OLMSTEAD</b>	<b>W 1/2 - 1 (0.934 mi.)</b>	<b>E38</b>	<b>142</b>

### ***Lists of state- and tribal hazardous waste facilities***

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/24/2022 has revealed that there are 8 ENVIROSTOR sites 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>SONOMA AVENUE SITE</b> Facility Id: 34990001 Status: Certified	<b>1035 SONOMA AVENUE</b>	<b>ESE 1/8 - 1/4 (0.165 mi.)</b>	<b>C30</b>	<b>83</b>
<b>CLEANING CIRCUS</b> Facility Id: 34720063 Status: Refer: Other Agency	<b>3213 MARYSVILLE BOUL</b>	<b>E 1/2 - 1 (0.685 mi.)</b>	<b>34</b>	<b>104</b>
<b>DEL PASO HEIGHTS ES</b> Facility Id: 60001467 Status: Inactive - Needs Evaluation	<b>590 MOREY AVENUE</b>	<b>NNW 1/2 - 1 (0.733 mi.)</b>	<b>35</b>	<b>110</b>
<b>TUP BOTTLING FACILIT</b> Facility Id: 60000509 Status: Certified O&M - Land Use Restrictions Only	<b>2670 LAND AVE</b>	<b>SE 1/2 - 1 (0.902 mi.)</b>	<b>36</b>	<b>112</b>
<b>HARRIS AVENUE PCB SI</b> Facility Id: 34330035	<b>627 HARRIS AVE</b>	<b>NNW 1/2 - 1 (0.947 mi.)</b>	<b>F40</b>	<b>145</b>

## EXECUTIVE SUMMARY

Status: Certified

<b>AMERICAN POLY-THERM</b> Facility Id: 34300001 Status: No Further Action	<b>1636 KATHLEEN AVENUE</b>	<b>ESE 1/2 - 1 (0.962 mi.)</b>	<b>41</b>	<b>150</b>
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<b>RT METRO</b> Facility Id: 34280146 Status: No Further Action	<b>2700 ACADEMY WAY</b>	<b>SE 1/2 - 1 (0.997 mi.)</b>	<b>42</b>	<b>154</b>
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>STRAWBERRY MANOR/PCB</b> Facility Id: 34330034 Status: Certified	<b>188 OLMSTEAD</b>	<b>W 1/2 - 1 (0.934 mi.)</b>	<b>E38</b>	<b>142</b>

### ADDITIONAL ENVIRONMENTAL RECORDS

#### **Local Lists of Hazardous waste / Contaminated Sites**

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 3 HIST Cal-Sites sites 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>SONOMA AVENUE SITE</b>	<b>1035 SONOMA AVENUE</b>	<b>ESE 1/8 - 1/4 (0.165 mi.)</b>	<b>C30</b>	<b>83</b>
<b>HARRIS AVENUE PCB SI</b>	<b>627 HARRIS AVE</b>	<b>NNW 1/2 - 1 (0.947 mi.)</b>	<b>F40</b>	<b>145</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STRAWBERRY MANOR PCB	188 OLMSTEAD DR	W 1/2 - 1 (0.934 mi.)	E37	140

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 01/05/2023 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>CITY OF SAC - WELL 1</b>	<b>851 ACACIA AVE</b>	<b>SSW 1/8 - 1/4 (0.198 mi.)</b>	<b>D31</b>	<b>95</b>

## EXECUTIVE SUMMARY

### **Local Lists of Registered Storage Tanks**

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>DAVE SMITH</b> Comp Number: 58461	<b>3300 RIO LINDA BLVD</b>	<b>N 0 - 1/8 (0.109 mi.)</b>	<b>B27</b>	<b>80</b>
<b>ETHAN BROWNING</b> Status: A Tank Status: A Comp Number: 57759	<b>1045 SONOMA AVE</b>	<b>ESE 1/8 - 1/4 (0.155 mi.)</b>	<b>C28</b>	<b>81</b>

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 are 2 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SMITTY'S DRIVE-INN</b> Facility Id: 00000058461	<b>3300 RIO LINDA BL</b>	<b>N 0 - 1/8 (0.109 mi.)</b>	<b>B25</b>	<b>79</b>
<b>ETHAN BROWN</b> Facility Id: 00000057759	<b>1045 SONOMA AV</b>	<b>ESE 1/8 - 1/4 (0.155 mi.)</b>	<b>C29</b>	<b>82</b>

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>DAVE SMITH</b> Facility Id: 34001359 Status: I	<b>3300 RIO LINDA BLVD</b>	<b>N 0 - 1/8 (0.109 mi.)</b>	<b>B27</b>	<b>80</b>
<b>ETHAN BROWNING</b> Facility Id: 34007249 Status: A	<b>1045 SONOMA AVE</b>	<b>ESE 1/8 - 1/4 (0.155 mi.)</b>	<b>C28</b>	<b>81</b>



## EXECUTIVE SUMMARY

### **Other Ascertainable Records**

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/06/2023 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARIA SANTILLAN EPA ID:: CAC002987422	1015 RIVERA DRIVE	NE 1/8 - 1/4 (0.216 mi.)	33	101

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WELL 143 EPA ID:: CAL000442185	3001 RIO LINDA BLVD	S 1/8 - 1/4 (0.201 mi.)	D32	99

CA BOND EXP. 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there are 2 CA BOND EXP. PLAN sites 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>
HARRIS AVENUE PCB SI	627 HARRIS AVENUE	NNW 1/2 - 1 (0.947 mi.)	F39	145
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>STRAWBERRY MANOR/PCB</b>	<b>188 OLMSTEAD</b>	<b>W 1/2 - 1 (0.934 mi.)</b>	<b>E38</b>	<b>142</b>

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SONOMA AVENUE SITE</b> Reg Id: 34990001	<b>1035 SONOMA AVENUE</b>	<b>ESE 1/8 - 1/4 (0.165 mi.)</b>	<b>C30</b>	<b>83</b>

## EXECUTIVE SUMMARY

Sacramento Co. ML: Sacramento County Master List. Any business that has hazardous materials on site - hazardous materials storage sites, underground storage tanks, waste generators.

A review of the Sacramento Co. ML list, as provided by EDR, and dated 11/07/2022 has revealed that there are 3 Sacramento Co. ML sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SMITTY'S DRIVE-INN</b> Facility Status: Inactive. Included on a listing no longer updated. Facility Id: U0178387	<b>3300 RIO LINDA BL</b>	<b>N 0 - 1/8 (0.109 mi.)</b>	<b>B25</b>	<b>79</b>
<b>ETHAN BROWN</b> Facility Status: Inactive. Included on a listing no longer updated.	<b>1045 SONOMA AV</b>	<b>ESE 1/8 - 1/4 (0.155 mi.)</b>	<b>C29</b>	<b>82</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CITY OF SAC - WELL 1</b>	<b>851 ACACIA AVE</b>	<b>SSW 1/8 - 1/4 (0.198 mi.)</b>	<b>D31</b>	<b>95</b>

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

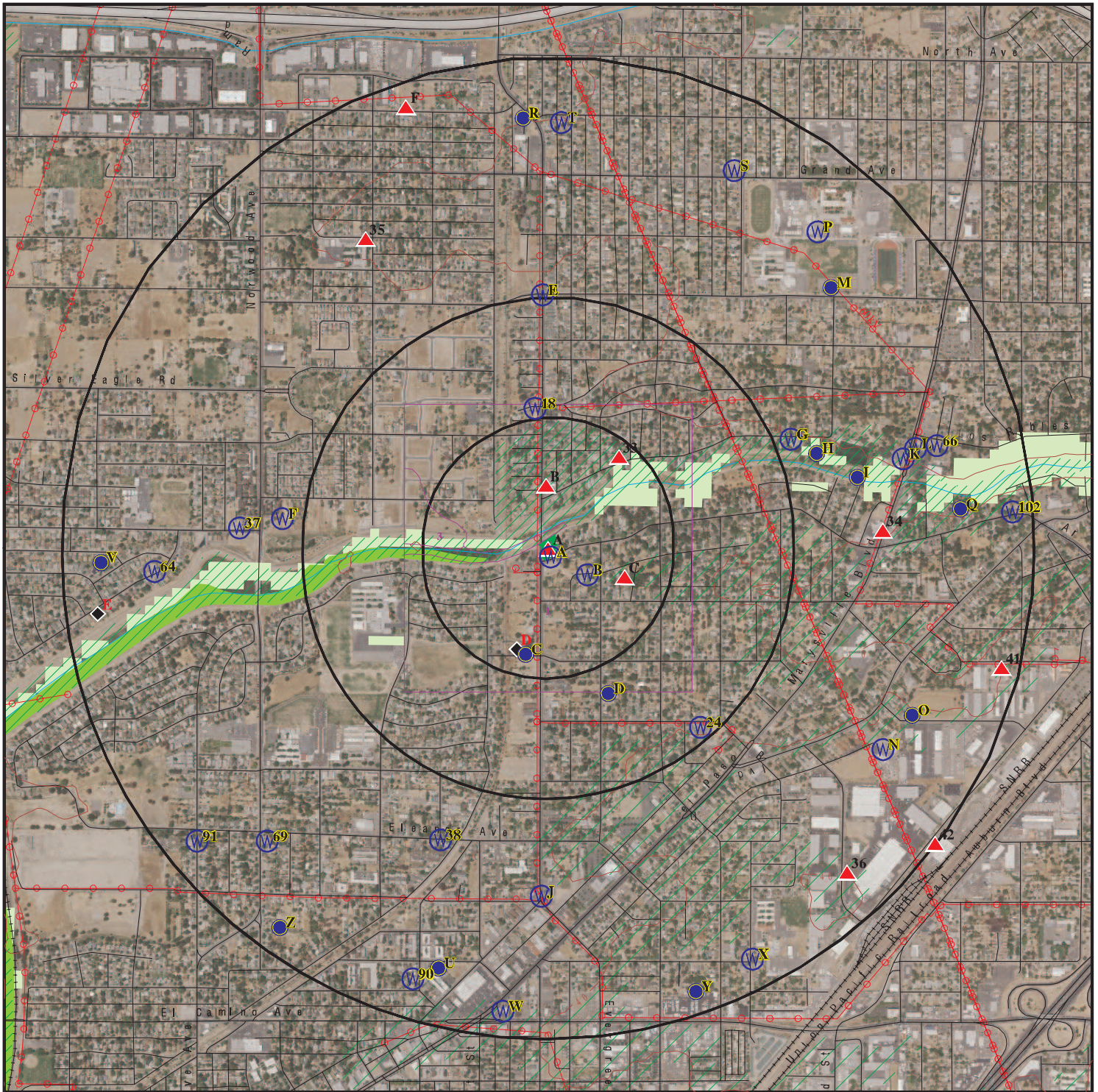
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SMITTYS	3300 RIO LINDA BLVD	N 0 - 1/8 (0.109 mi.)	B26	80

## EXECUTIVE SUMMARY

There were no unmapped sites in this report.



# OVERVIEW MAP - 7287764.2S



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



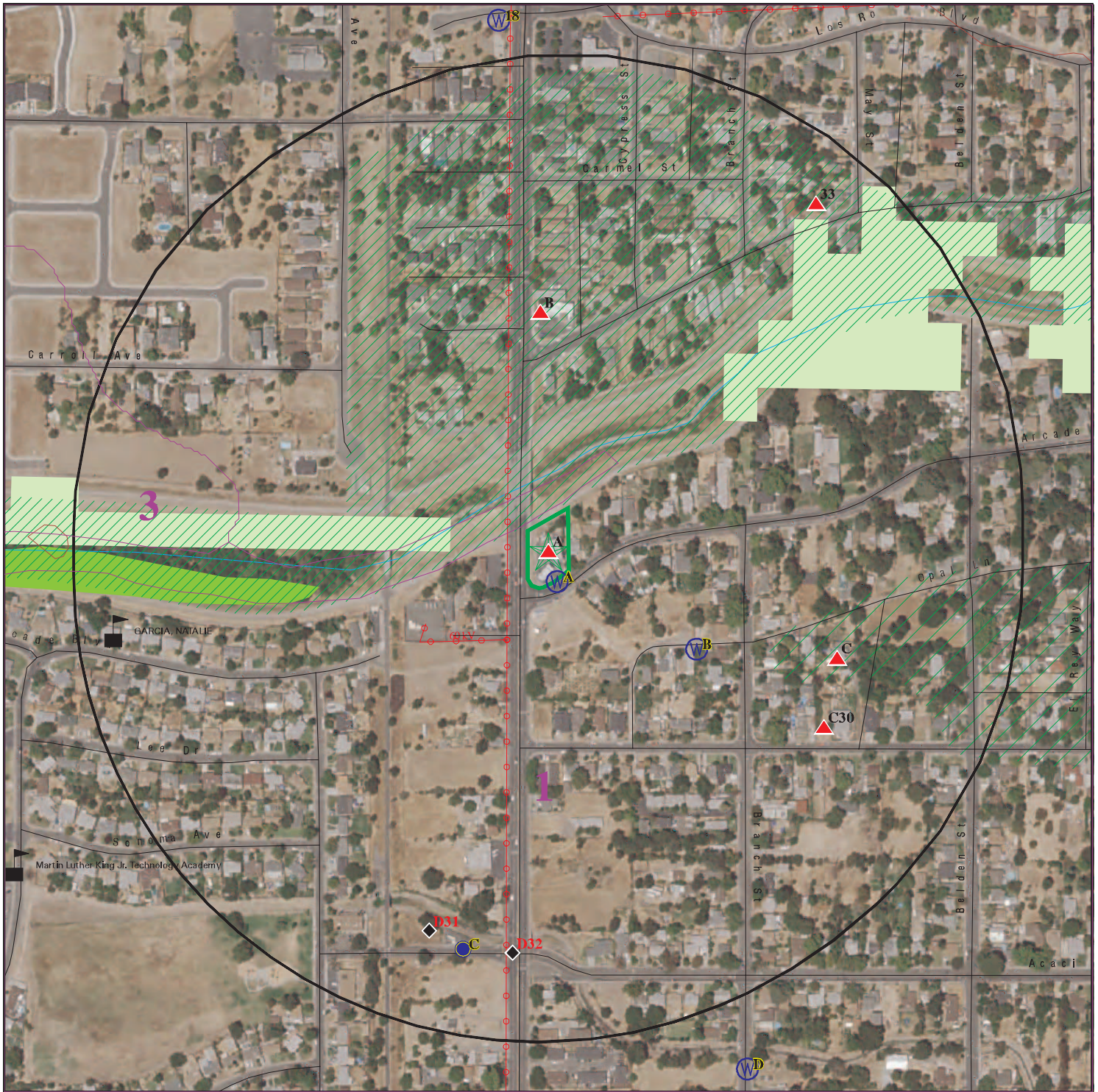
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Sarita Prasad SAC  
 ADDRESS: 3200 Rio Linda Boulevard  
 Sacramento CA 95815  
 LAT/LONG: 38.625387 / 121.445858

CLIENT: Soar Environmental Consulting, Inc.  
 CONTACT: Marcus Patton  
 INQUIRY #: 7287764.2s  
 DATE: March 23, 2023 1:42 pm



# DETAIL MAP - 7287764.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Sarita Prasad SAC  
 ADDRESS: 3200 Rio Linda Boulevard  
 Sacramento CA 95815  
 LAT/LONG: 38.625387 / 121.445858

CLIENT: Soar Environmental Consulting, Inc.  
 CONTACT: Marcus Patton  
 INQUIRY #: 7287764.2s  
 DATE: March 23, 2023 1:43 pm

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Lists of Federal NPL (Superfund) sites</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<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		0	0	0	NR	NR	0
<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		0	0	0	0	NR	0
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA generators</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250	1	0	0	NR	NR	NR	1
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>Lists of state- and tribal (Superfund) equivalent sites</i></b>								
RESPONSE	1.000		0	1	0	2	NR	3
<b><i>Lists of state- and tribal hazardous waste facilities</i></b>								
ENVIROSTOR	1.000		0	1	0	7	NR	8
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<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
Sacramento Co. CS	0.500	1	0	0	0	NR	NR	1
<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	3	0	0	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
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		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<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	1	0	2	NR	3
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250	1	0	1	NR	NR	NR	2
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
SWEEPS UST	0.250	1	1	1	NR	NR	NR	3
HIST UST	0.250	1	1	1	NR	NR	NR	3
CERS TANKS	0.250	1	0	0	NR	NR	NR	1
CA FID UST	0.250	1	1	1	NR	NR	NR	3

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<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		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250	1	0	2	NR	NR	NR	3
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	3	0	NR	NR	NR	NR	3
ECHO	0.001	2	0	NR	NR	NR	NR	2
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM TP			NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	2	NR	2
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		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500	1	0	1	0	NR	NR	2
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HAZNET	0.001	3	0	NR	NR	NR	NR	3
MINES	0.250		0	0	NR	NR	NR	0
Sacramento Co. ML	0.250	4	1	2	NR	NR	NR	7
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001	2	0	NR	NR	NR	NR	2
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
MINES MRDS	0.001		0	NR	NR	NR	NR	0
HWTS TP		5	NR	NR	NR	NR	NR	5

### EDR HIGH RISK HISTORICAL RECORDS

#### **EDR Exclusive Records**

EDR MGP	1.000		0	0	0	0	NR	0
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## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125	2	1	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001	1	0	NR	NR	NR	NR	1
- Totals --		36	5	12	0	13	0	66

**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** 15287 SACRAMENTO COUNTY ENVIRONMENTAL MANAGEMENT  
**Target** 3200 RIO LINDA BLVD  
**Property** RIO LINDA, CA 95673

**FINDS** 1014673142  
N/A

**Site 1 of 24 in cluster A**

**Actual:** FINDS:  
**30 ft.** Registry ID: 110043364301

Click Here for FRS Facility Detail Report:  
Environmental Interest/Information System:  
LEAKING UNDERGROUND STORAGE TANK - ARRA  
  
Click this hyperlink while viewing on your computer to access  
additional FINDS: detail in the EDR Site Report.

**A2** FUEL STOP MINI MART & TIRE  
**Target** 3200 RIO LINDA BLVD  
**Property** SACRAMENTO, CA 95815

**UST** U004352982  
N/A

**Site 2 of 24 in cluster A**

**Actual:** UST:  
**30 ft.** Name: FUEL STOP MINI MART & TIRE  
Address: 3200 RIO LINDA BLVD  
City,State,Zip: SACRAMENTO, CA 95815  
Facility ID: FA0005745  
Permitting Agency: Sacramento County Environmental Management Department  
CERSID: 10217284  
Latitude: 38.6253800  
Longitude: -121.445850  
Owner type: Not reported  
Facility type: Not reported  
Num of inuse ust: Not reported  
Num of closed ust: Not reported  
Num of oos ust: Not reported  
Epa region: Not reported  
Tribal lands: Not reported  
Tank owner name: Not reported  
Tank owner mailing address: Not reported  
Tank owner mailing city: Not reported  
Tank owner mailing zip: Not reported  
Tank owner mailing state: Not reported  
Tank operator name: Not reported  
Tank operator mailing address: Not reported  
Tank operator mailing city: Not reported  
Tank operator mailing zip: Not reported  
Tank operator mailing state: Not reported  
Tankidnumber: Not reported  
Tank status: Not reported  
Tank configuration: Not reported  
Tank closure date: Not reported  
Tank installation date: Not reported  
Tank num of compartments: Not reported  
Tank contents: Not reported  
Tank capacity gallons: Not reported  
Tank type: Not reported  
Tank pc construction: Not reported  
Tank pwpiping construction: Not reported  
Tank piping type: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**U004352982**

Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

**A3**      **RAMAGE ENVIROMENTAL**  
**Target**    **3200 RIO LINDA BLVD**  
**Property**   **SACRAMENTO, CA 95815**

**HAZNET**    **S112923815**  
**HWTS**      **N/A**

**Site 3 of 24 in cluster A**

**Actual:**  
**30 ft.**

<b>HAZNET:</b>	
Name:	RAMAGE ENVIROMENTAL
Address:	3200 RIO LINDA BLVD
Address 2:	Not reported
City,State,Zip:	SACRAMENTO, CA 95815
Contact:	Joe Ramage
Telephone:	9163543250
Mailing Name:	Not reported
Mailing Address:	3200 Rio Linda Blvd
Year:	2002
Gepaid:	CAC002554808
TSD EPA ID:	CAD044003556
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H01 - Transfer Station
Tons:	0.8757

**Additional Info:**

Year:	2002
Gen EPA ID:	CAC002554808
Shipment Date:	20020813
Creation Date:	1/27/2003 18:31:12
Receipt Date:	20020814
Manifest ID:	21854239
Trans EPA ID:	CAD044003556
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSD EPA ID:	CAD044003556
Trans Name:	Not reported
TSD EPA ID:	Not reported
TSD EPA Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.8757
Waste Quantity:	210
Quantity Unit:	G
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

**RAMAGE ENVIROMENTAL (Continued)**

**S112923815**

Additional Code 4: Not reported  
Additional Code 5: Not reported

**HWTS:**

Name: RAMAGE ENVIROMENTAL  
Address: 3200 RIO LINDA BLVD  
Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
EPA ID: CAC002554808  
Inactive Date: 03/18/2003  
Create Date: 08/02/2002  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: 3200 RIO LINDA BLVD  
Mailing Address 2: Not reported  
Mailing City,State,Zip: SACRAMENTO, CA 95815  
Owner Name: JOE RAMAGE  
Owner Address: 3200 RIO LINDA BLVD  
Owner Address 2: Not reported  
Owner City,State,Zip: SACRAMENTO, CA 95815  
Contact Name: JOE RAMAGE  
Contact Address: 3200 RIO LINDA BLVD  
Contact Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
Facility Status: Inactive  
Facility Type: TEMPORARY  
Category: STATE  
Latitude: 38.624962  
Longitude: -121.446168

**A4  
Target  
Property**

**ALLADIN SELF SERVICE  
3200 RIO LINDA BLVD  
SACRAMENTO, CA 95815**

**HIST UST U001615238  
N/A**

**Site 4 of 24 in cluster A**

**Actual:  
30 ft.**

HIST UST:  
Name: ALLADIN SELF SERVICE  
Address: 3200 RIO LINDA BLVD  
City,State,Zip: SACRAMENTO, CA 95815  
File Number: 0001ff26  
URL: <https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0001ff26.pdf>  
Region: STATE  
Facility ID: 00000058657  
Facility Type: Gas Station  
Other Type: Not reported  
Contact Name: ZAFFAR IQBAL  
Telephone: 9169209723  
Owner Name: MAXINE MOHAMMED  
Owner Address: 368 YAMPA CIRCLE  
Owner City,St,Zip: SACRAMENTO, CA 95838  
Total Tanks: 0005  
  
Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00004000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALLADIN SELF SERVICE (Continued)**

**U001615238**

Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00004000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 4  
Year Installed: Not reported  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 005  
Container Num: 5  
Year Installed: Not reported  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

**A5  
Target  
Property**

**FULL STOP MINI MARKET  
3200 RIO LINDA BOULEVARD  
RIO LINDA, CA 95815**

**UST U003786594  
N/A**

**Site 5 of 24 in cluster A**

**Actual:  
30 ft.**

UST CLOSURE:  
Name: FULL STOP MINI MARKET  
Address: 3200 RIO LINDA BOULEVARD  
City,State,Zip: RIO LINDA, CA 95815  
Claim Number: Claim No. 15287  
Type: Closure Denials and Approved Orders  
Deadline Date: 7/9/2018  
Documents: 3200 Rio Linda Boulevard Rio Linda, CA 95815Notice, 3200 Rio Linda  
Boulevard Rio Linda, CA 95815Draft Order, 3200 Rio Linda Boulevard Rio

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FULL STOP MINI MARKET (Continued)**

**U003786594**

Linda, CA 95815 Review Summary Report  
 Comments: No Comments Received  
 Comments URL: Not reported  
 Response: Not reported  
 Response URL: Not reported  
 Comments2: Not reported  
 Comments2 URL: Not reported  
 Response2: Not reported  
 Response2 URL: Not reported  
 Closure: No Comments Received WQO\_2018\_0020\_UST (8/24/2018)  
 Closure URL: [https://geotracker.waterboards.ca.gov/regulators/deliverable\\_documents/8530823230/WQO\\_2018\\_15287\\_UST\\_Final.pdf](https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8530823230/WQO_2018_15287_UST_Final.pdf)  
 Uniform: No Comments Received WQO\_2018\_0020\_UST (8/24/2018) Uniform Closure Letter (03/05/19)  
 Uniform URL: [https://geotracker.waterboards.ca.gov/regulators/deliverable\\_documents/7797991693/Uniform\\_Closure\\_Letter\\_Claim\\_15287.pdf](https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/7797991693/Uniform_Closure_Letter_Claim_15287.pdf)

**A6  
 Target  
 Property**

**RIO LINDA GAS  
 3200 RIO LINDA BLVD  
 SACRAMENTO, CA 95815**

**HWTS S124564067  
 N/A**

**Site 6 of 24 in cluster A**

**Actual:  
 30 ft.**

**HWTS:**  
 Name: RIO LINDA GAS  
 Address: 3200 RIO LINDA BLVD  
 Address 2: Not reported  
 City,State,Zip: SACRAMENTO, CA 95815  
 EPA ID: CAC002217689  
 Inactive Date: 10/25/2000  
 Create Date: 10/05/1999  
 Last Act Date: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 3200 RIO LINDA BLVD  
 Mailing Address 2: Not reported  
 Mailing City,State,Zip: SACRAMENTO, CA 958150000  
 Owner Name: MOHAMMED SARAK  
 Owner Address: 3200 RIO LINDA BLVD  
 Owner Address 2: Not reported  
 Owner City,State,Zip: SACRAMENTO 958150000  
 Contact Name: MOHAMMED SARAK-OWNER  
 Contact Address: 3200 RIO LINDA BLVD  
 Contact Address 2: Not reported  
 City,State,Zip: SACRAMENTO, CA 958150000  
 Facility Status: Inactive  
 Facility Type: TEMPORARY  
 Category: STATE  
 Latitude: 38.624962  
 Longitude: -121.446168

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A7**  
**Target**  
**Property**

**FULL STOP MINIMART**  
**3200 RIO LINDA**  
**SACRAMENTO, CA 95815**

**HIST CORTESE**    **S102319069**  
**N/A**

**Site 7 of 24 in cluster A**

**Actual:**  
**30 ft.**

HIST CORTESE:  
edr\_fname:                    FULL STOP MINIMART  
edr\_fadd1:                    3200 RIO LINDA  
City,State,Zip:                SACRAMENTO, CA 95815  
Region:                        CORTESE  
Facility County Code:        34  
Reg By:                        LTNKA  
Reg Id:                         341309

**A8**  
**Target**  
**Property**

**FUEL STOP**  
**3200 RIO LINDA BLVD**  
**SACRAMENTO, CA 95815**

**SWEEPS UST**    **S101590866**  
**CA FID UST**    **N/A**

**Site 8 of 24 in cluster A**

**Actual:**  
**30 ft.**

SWEEPS UST:  
Name:                         FUEL STOP  
Address:                      3200 RIO LINDA BLVD  
City:                         SACRAMENTO  
Status:                        Active  
Comp Number:                58657  
Number:                        1  
Board Of Equalization:    44-019455  
Referral Date:                03-30-90  
Action Date:                 03-30-90  
Created Date:                02-29-88  
Owner Tank Id:                1  
SWRCB Tank Id:                34-000-058657-000001  
Tank Status:                 A  
Capacity:                     8000  
Active Date:                 03-30-90  
Tank Use:                     M.V. FUEL  
STG:                         P  
Content:                      REG UNLEADED  
Number Of Tanks:            5  
  
Name:                         FUEL STOP  
Address:                      3200 RIO LINDA BLVD  
City:                         SACRAMENTO  
Status:                        Active  
Comp Number:                58657  
Number:                        1  
Board Of Equalization:    44-019455  
Referral Date:                03-30-90  
Action Date:                 03-30-90  
Created Date:                02-29-88  
Owner Tank Id:                2  
SWRCB Tank Id:                34-000-058657-000002  
Tank Status:                 A  
Capacity:                     5000  
Active Date:                 03-30-90  
Tank Use:                     M.V. FUEL  
STG:                         P  
Content:                      LEADED



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP (Continued)**

**S101590866**

Number Of Tanks: Not reported

Name: FUEL STOP  
Address: 3200 RIO LINDA BLVD  
City: SACRAMENTO  
Status: Active  
Comp Number: 58657  
Number: 1  
Board Of Equalization: 44-019455  
Referral Date: 03-30-90  
Action Date: 03-30-90  
Created Date: 02-29-88  
Owner Tank Id: 3  
SWRCB Tank Id: 34-000-058657-000003  
Tank Status: A  
Capacity: 5000  
Active Date: 03-30-90  
Tank Use: M.V. FUEL  
STG: P  
Content: LEADED  
Number Of Tanks: Not reported

Name: FUEL STOP  
Address: 3200 RIO LINDA BLVD  
City: SACRAMENTO  
Status: Active  
Comp Number: 58657  
Number: 1  
Board Of Equalization: 44-019455  
Referral Date: 03-30-90  
Action Date: 03-30-90  
Created Date: 02-29-88  
Owner Tank Id: 4  
SWRCB Tank Id: 34-000-058657-000004  
Tank Status: A  
Capacity: 4000  
Active Date: 12-14-92  
Tank Use: M.V. FUEL  
STG: P  
Content: PRM UNLEADED  
Number Of Tanks: Not reported

Name: FUEL STOP  
Address: 3200 RIO LINDA BLVD  
City: SACRAMENTO  
Status: Active  
Comp Number: 58657  
Number: 1  
Board Of Equalization: 44-019455  
Referral Date: 03-30-90  
Action Date: 03-30-90  
Created Date: 02-29-88  
Owner Tank Id: 5  
SWRCB Tank Id: 34-000-058657-000005  
Tank Status: A  
Capacity: 4000  
Active Date: 12-14-92

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP (Continued)**

**S101590866**

Tank Use: M.V. FUEL  
STG: P  
Content: PRM UNLEADED  
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 34007257  
Regulated By: UTNKA  
Regulated ID: 00058657  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: Not reported  
Mail To: Not reported  
Mailing Address: 7860 DEER GLEN WAY  
Mailing Address 2: Not reported  
Mailing City,St,Zip: SACRAMENTO 95815  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**A9** SAMEER INC DBA FUEL STOP MINI MART&TIRE  
**Target** 3200 RIO LINDA BLVD  
**Property** SACRAMENTO, CA 95815

**FINDS** 1023267165  
N/A

**Site 9 of 24 in cluster A**

**Actual:**  
**30 ft.**

FINDS:  
Registry ID: 110065567782

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:  
STATE MASTER  
Registry ID: 110070589475

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A10**  
**Target**  
**Property**

**FUEL STOP MINI MART & TIRE**  
**3200 RIO LINDA BLVD**  
**SACRAMENTO, CA 95815**

**CERS HAZ WASTE**  
**CERS TANKS**  
**HAZNET**  
**CERS**  
**HWTS**

**S113465917**  
**N/A**

**Site 10 of 24 in cluster A**

**Actual:**  
**30 ft.**

**CERS HAZ WASTE:**

Name: FUEL STOP MINI MART & TIRE  
Address: 3200 RIO LINDA BLVD  
City,State,Zip: SACRAMENTO, CA 95815  
Site ID: 118295  
CERS ID: 10217284  
CERS Description: Hazardous Waste Generator

**CERS TANKS:**

Name: FUEL STOP MINI MART & TIRE  
Address: 3200 RIO LINDA BLVD  
City,State,Zip: SACRAMENTO, CA 95815  
Site ID: 118295  
CERS ID: 10217284  
CERS Description: Underground Storage Tank

**HAZNET:**

Name: FUEL STOP MINI MART & TIRE  
Address: 3200 RIO LINDA BLVD  
Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 958151238  
Contact: SULTAN KHAN  
Telephone: 9165197305  
Mailing Name: Not reported  
Mailing Address: 3200 RIO LINDA BL  
  
Year: 2010  
Gepaid: CAL000297809  
TSD EPA ID: CAD980887418  
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: 0.075

**Additional Info:**

Year: 2010  
Gen EPA ID: CAL000297809  
  
Shipment Date: 20100114  
Creation Date: 3/11/2010 18:30:23  
Receipt Date: 20100119  
Manifest ID: 002389109JJK  
Trans EPA ID: CAD982413262  
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSD EPA ID: CAD980887418  
Trans Name: EVERGREEN OIL INC  
TSD EPA Alt EPA ID: Not reported  
TSD EPA Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.075  
Waste Quantity: 150  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

**CERS:**

Name: FUEL STOP MINI MART & TIRE  
Address: 3200 RIO LINDA BLVD  
City,State,Zip: SACRAMENTO, CA 95815  
Site ID: 118295  
CERS ID: 10217284  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-17-2018  
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)

Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: Returned to compliance on 04/30/2019. OBSERVATION: Owner/Operator did not maintain overfill prevention system to meet one of the following requirements:1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

of capacity; and activate an audible alarm at least five minutes before the tank overfills; or3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. At time of the inspection, it was observed that the facility's overfill testing indicated restriction of pumping/adding fuel at > 95% for both the 87 tank and 91 tank. The test results [Truncated]

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-12-2013  
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2

Violation Description: Failure to test the spill bucket annually.  
Violation Notes: Returned to compliance on 04/07/2014.  
Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2016  
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34

Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.  
Violation Notes: Returned to compliance on 12/13/2016. -87 AND 91 VIOLATION- 1. OBSERVATION: The facility has not submitted a current Certificate of Financial Responsibility to CERS. UST forms must be electronically submitted. CORRECTIVE ACTION: Submit a current Certificate of Financial Responsibility to CERS.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-06-2017  
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)

Violation Description: Failure to submit or maintain a current facility plot plan.  
Violation Notes: Returned to compliance on 09/12/2019. OBSERVATION: Owner/Operator did not submit, obtain approval, and maintain a complete/accurate plot plan. Plot plan does not include the location of line leak detectors or the Emergency Stop(s) CORRECTIVE ACTION: Submit, obtain approval, and maintain a complete/accurate plot plan to CERS. NOTE: THIS VIOLATION APPLIES TO BOTH TANK SYSTEMS ONSITE. NOTE: THE PLOT PLAN WAS UPDATED AND SUBMITTED TO CERS AT THE TIME OF INSPECTION.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 10-09-2020  
Citation: HSC 6.7 25299(a)(9) - California Health and Safety Code, Chapter 6.7, Section(s) 25299(a)(9)  
Violation Description: Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak.  
Violation Notes: Returned to compliance on 03/15/2021. OBSERVATION: UST Owner/UST Operator tampered with and/or disabled leak detection equipment in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak. In February 2020 the power to the Veeder Root monitoring panel and the two Underground Storage Tank (UST) systems on-site was manually shut off. The power has been off since February 2020 and has not been restored. Please see Violation Q700 for more information. CORRECTIVE ACTION: IMMEDIATELY return the two UST systems on-site to proper compliance. Either apply for a UST Temporary Closure Permit, OR apply for a Cold Start Permit to begin continuously monitoring the UST system again. Moving forward, UST Owner/UST Operator shall not disable or tamper with monitoring equipment. NOTE: This violation applies to both tank systems on-site. THIS IS A CLASS 1 ENFORCEABLE VIOLATION. Correction of these violations may not preclude any enforcement action being taken against [Truncated]  
Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-16-2019  
Citation: 23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)  
Violation Description: Failure to submit the Designated Underground Storage Tank Operator Identification Form within 30 days of installing a UST system or within 30 days of a change in DO.  
Violation Notes: Returned to compliance on 06/10/2021. OBSERVATION: The Designated UST Operator (D.O.) Identification form submitted through the California Environmental Reporting System (CERS) is not up-to-date. CORRECTIVE ACTION: Log into CERS (<http://cers.calepa.ca.gov>) and re-submit with an updated D.O. Identification form. NOTE: This violation applies to both tank systems on-site.  
Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-16-2019  
Citation: 23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)  
Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.

Violation Notes: Returned to compliance on 12/16/2019. OBSERVATION: The following Designated UST Operator (D.O.) Monthly Inspections were observed not signed/addressed by the UST Owner/Operator at time of inspection: 9/12/19 and 12/11/19. These documents were signed/addressed at time of inspection. CORRECTIVE ACTION: This violation is closed. Moving forward, ensure that the D.O. Monthly Inspections are signed/addressed by the UST Owner/Operator within 48 hours of receiving the report from the D.O.. NOTE: This violation applies to both tank systems on-site.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2015  
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)

Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.

Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Owner/Operator did not submit an accurate UST Tank information. The tank form for the 87 tank requires the following corrections: PIPING/ TURBINE CONTAINMENT SUMP TYPE = SINGLE WALL, RISER PRIMARY CONTAINMENT = STEEL and STEEL COMPONENT PROTECTION = ISOLATION. CORRECTIVE ACTION: Submit and maintain an accurate UST Tank information in CERS. OBSERVATION: Owner/Operator did not submit an accurate UST Tank information. The tank form for the 91 tank requires the following corrections: RISER PRIMARY CONTAINMENT = STEEL and STEEL COMPONENT PROTECTION = ISOLATION. CORRECTIVE ACTION: Submit and maintain an accurate UST Tank information in CERS. NOTE: The Portal is being phased out in place of the California Electronic Reporting System (CERS). All your data entered in the Portal has been moved to CERS. As a new user you will only be required to create a login, review the data and submit the data when complete. Please notify Brion McGinness at [Truncated]

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-08-2014  
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)

Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.

Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Owner/Operator did not submit and/or maintain an accurate UST Operating Permit Application for Facility information and Tank information. CORRECTIVE

Map ID  
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Distance  
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MAP FINDINGS

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EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

ACTION: Submit and maintain an accurate UST Operating Permit Application for Facility information and Tank information. NOTE: UST information must be submitted electronically using the EMD electronic reporting Portal.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-17-2018  
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12

Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.

Violation Notes: Returned to compliance on 12/24/2018. OBSERVATION: The generator's EPA ID number is inactive as of 06/30/2016. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. At the time, this facility was currently storing a hazardous waste drum @ 55 gallons of waste fuel and water mixed. CORRECTIVE ACTION: Submit documentation to this department demonstrating that you have reactivated the facility's EPA ID number by sending me the confirmation from DTSC that your EPA ID Number was reactivated.

Violation Division: Sacramento County Env Management Department  
Violation Program: HW  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2016  
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)

Violation Description: Failure to submit or update a plot plan.

Violation Notes: Returned to compliance on 12/13/2016. -87 AND 91 VIOLATION- 1. OBSERVATION: The facility has not submitted a complete/accurate plot plan to CERS. Facilities must electronically submit their UST forms each year. CORRECTIVE ACTION: Submit a complete/accurate plot plan to CERS.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2016  
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)

Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been properly trained.

Violation Notes: Returned to compliance on 12/13/2016. -87 AND 91 VIOLATION- 1. OBSERVATION: The facility's Designated Operator (DO) listed in the 11/18/16, 10/4/16, 9/22/16, 8/19/16, 7/22/16, 6/22/16, and 5/13/16 DO reports that secondary containment testing was last completed on 12/17/15. The facility's 4/22/16, 3/24/16, 2/25/16, 1/21/16, and 12/17/15 Do reports show that secondary containment testing was last completed on 12/17/13. EMD's records show that secondary containment testing was last completed on 12/12/13. DO reports must be accurate/complete. CORRECTIVE ACTION: Submit a statement to EMD, Attn: Megan Vaughan, demonstrating that: a) the DO has come out and filled out separate, corrected DO reports for each DO report completed in the last 12 months, and that b) the Do understands the regulatory requirements for filling out all future DO reports.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 03-15-2021  
Citation: HSC 6.7 25290.2(c) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.2(c)

Violation Description: Failure to maintain secondary containment (e.g., failure of secondary containment testing).

Violation Notes: Returned to compliance on 03/15/2021. See Violation "Q669."

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2016  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Violation Description: Failure to have a UST Response Plan available on site.

Violation Notes: Returned to compliance on 12/13/2016. -87 AND 91 VIOLATION- 1. OBSERVATION: The facility has not submitted a response plan to CERS. Facilities must electronically submit their UST forms each year. CORRECTIVE ACTION: Submit a response plan to CERS.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-08-2014  
Citation: Un-Specified  
Violation Description: UST Program - Operations/Maintenance - For use of Local Ordinance only.

Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Owner/Operator did not submit UST compliance statement and/or Designated Operator current certification. CORRECTIVE ACTION: Submit UST compliance statement and/or Designated Operator current certification. NOTE: UST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

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**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

information must be submitted electronically using the EMD electronic reporting Portal.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 03-15-2021  
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)

Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).

Violation Notes: Returned to compliance on 06/10/2021. OBSERVATION: The last annual test of the UST Monitoring System was due on or before October 18, 2020 and is not five (5) months overdue. The UST Owner/Operator did not test leak detection equipment every 12 months (liquid sensors, LLDs, ATGs, etc.). All UST Monitoring Systems are required to be tested annually. CORRECTIVE ACTION: Test leak detection equipment every 12 months (liquid sensors, LLDs, ATGs, etc.) and submit monitoring system certification within 30 days of completion of the test. Send a statement explaining why this monitoring certification was late.\* NOTE: A fire occurred at this facility in February 2020. Power was restored to the Veeder-Root Monitoring System only. Power has not been restored to the 87 or 91 STPs or any dispensers. \* A statement will not substitute for compliance with State UST Regulations.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2015  
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)

Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.

Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Owner/Operator did not submit UST compliance statement and/or Designated Operator current certification. The attachment in CERS is a copy of the CFO letter not UST compliance statement and/or Designated Operator current certification. CORRECTIVE ACTION: Submit UST compliance statement and/or Designated Operator current certification. NOTE: The Portal is being phased out in place of the California Electronic Reporting System (CERS). All your data entered in the Portal has been moved to CERS. As a new user you will only be required to create a login, review the data and submit the data when complete. Please notify Brion McGinness at mcginnessb@sacounty.net following correction of this violation.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-12-2013  
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291  
Violation Description: Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.  
Violation Notes: Returned to compliance on 12/16/2013.  
Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-17-2018  
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2  
Violation Description: "Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "  
Violation Notes: Returned to compliance on 04/30/2019. OBSERVATION: At time of the inspection, UST Technician David Winkler indicated that the spill containment buckets are not 5 gallons in capacity. Based on his calculations of the diameter and height of the direct buried buckets for Tank 91, the bucket does not have the capacity to containerize a minimum of 5 gallons. CORRECTIVE ACTION: Within 30 days, establish a course of action on how the facility representatives will address this spill bucket issue. If construction will be needed, please obtain all required permitting before conducting any or consult with our department before doing so. THIS VIOLATION ONLY APPLIES TO TANK 91.  
Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-08-2014  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)  
Violation Description: Failure to maintain on site an approved monitoring plan.  
Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Owner/Operator did not maintain an approved monitoring plan. CORRECTIVE ACTION: Maintain an approved monitoring plan. Submit monitoring plan for approval. NOTE: UST information must be submitted electronically using the EMD electronic reporting Portal.  
Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE



Map ID  
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Distance  
Elevation

MAP FINDINGS

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**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Violation Date: 12-07-2016  
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)  
Violation Description: Failure to notify the CUPA of the designated operator (DO) identification and/or change of the DO within 30 days.  
Violation Notes: Returned to compliance on 12/13/2016. -87 AND 91 VIOLATION- 1. OBSERVATION: The facility has not submitted a current UST Compliance Statement and/or Designated Operator (DO) certification to CERS. The facility must notify the CUPA of its DOs/changes to the DOs within 30 days of the change. CORRECTIVE ACTION: Submit a current UST Compliance Statement and/or Designated Operator current certification to CERS.  
Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-08-2014  
Citation: Un-Specified  
Violation Description: UST Program - Operations/Maintenance - For use of Local Ordinance only.  
Violation Notes: Returned to compliance on 03/31/2015. OBSERVATION: The chain component of the float and chain leak prevention system in UDC #1/2 was disconnected and as a result not able stop the flow of product at the dispenser when tested. All monitoring equipment shall be maintained to activate an audible and visual alarm or stop the flow of product at the dispenser when it detects a leak. CORRECTIVE ACTION: Correct immediately by having a properly licensed, trained, and certified contractor replace the failed component with a functional component (LG 113-x listed, if applicable) and obtain a permit within one business day from the CUPA. If the failed component can t be replaced immediately, there is a possibility that the UST system may be red tagged to prevent fuel inputs. NOTE: Chain in UDC #1/2 repaired and retested at time of inspection.  
Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2015  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to complete and electronically submit a site map with all required content.  
Violation Notes: Returned to compliance on 07/14/2016. OBSERVATION: The annotated site map submitted to this department does not include the hazardous waste storage behind the store or a north indicator. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System. NOTE: The Portal is being phased out in place of the California Electronic Reporting System (CERS). All your data entered in the Portal has been moved to CERS. As a new user you will only be required to create a login, review the data and submit the data when complete. Please notify Brion McGinness at mcginnessb@saccounty.net following correction of this violation.  
Violation Division: Sacramento County Env Management Department

Map ID  
 Direction  
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 Elevation

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 EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

<p>Violation Program:          Violation Source:</p> <p>Site ID:          Site Name:          Violation Date:          Citation:          Violation Description:</p> <p>Violation Notes:          Violation Division:          Violation Program:          Violation Source:</p> <p>Site ID:          Site Name:          Violation Date:          Citation:</p> <p>Violation Description:          Violation Notes:</p> <p>Violation Division:          Violation Program:          Violation Source:</p> <p>Site ID:          Site Name:          Violation Date:          Citation:</p> <p>Violation Description:          Violation Notes:</p> <p>Violation Division:          Violation Program:          Violation Source:</p> <p>Site ID:</p>	<p>HMRRP          CERS,</p> <p>118295          FUEL STOP MINI MART &amp; TIRE          12-08-2014          Un-Specified          UST Program - Administration/Documentation - For use of Local Ordinance only          Returned to compliance on 12/13/2016. See violation Q659.          Sacramento County Env Management Department          UST          CERS,</p> <p>118295          FUEL STOP MINI MART &amp; TIRE          12-07-2016          23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)          Failure to have a UST Monitoring Plan available on site.          Returned to compliance on 12/13/2016. -87 AND 91 VIOLATION- 1. OBSERVATION: Neither the 87 or 91's monitoring plans submitted to CERS on 7/14/16 are complete. Monitoring plans must be complete. CORRECTIVE ACTION: Resubmit the facility's monitoring plans (for both the 87 and 91) after completing them.          Sacramento County Env Management Department          UST          CERS,</p> <p>118295          FUEL STOP MINI MART &amp; TIRE          12-17-2018          22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11          Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.          Returned to compliance on 09/18/2019. OBSERVATION: At time of inspection, when I observed the back of the facility (Mr. Sultan Khan indicated that there was a recent break in in the back of the facility), there were various aerosols, sealants and oils accumulating throughout the yard appearing waste-like and a proper waste determination has not been made. As a hazardous waste generator, the facility must make a proper waste determination on the waste-like materials and arrange for proper disposal of the items observed. CORRECTIVE ACTION: Submit documentation to this department demonstrating that the various oil cans, aerosol cans and sealants have been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit a manifest/receipt documenting proper disposal and a statement demonstrating how you will manage it in the future. Keep the test results, waste analyses, or other determinations at least three years from the date that the waste was last sent to on-site or [Truncated]          Sacramento County Env Management Department          HW          CERS,</p> <p>118295</p>
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Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

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EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-17-2018  
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 12/17/2018. OBSERVATION: At time of inspection, it was observed that the facility did not update the hazardous material inventory forms to reflect the actual quantity of gasoline stored on site. The quantity indicates 10,000 gallons but should be 15,000 gallons to reflect both unleaded and premium gasoline. In addition, the 55 gallon drum of waste fuel/water mix was not reflected on the inventory. At the end of the inspection, assistance was provided to Sultan Khan to reflect these changes/updates.  
Violation Division: Sacramento County Env Management Department  
Violation Program: HMRRP  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-06-2017  
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34  
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.  
Violation Notes: Returned to compliance on 09/12/2019. OBSERVATION: Financial responsibility documents submitted to CERS are not accurate/ complete. Current financial responsibility documents are required to be submitted annually. CORRECTIVE ACTION: Complete and submit a copy of the financial responsibility to CERS. NOTE: THIS VIOLATION APPLIES TO BOTH TANK SYSTEMS ONSITE. NOTE: CERTIFICATION OF FINANCIAL RESPONSIBILITY DOCUMENTATION WAS UPDATED AND SUBMITTED TO CERS AT THE TIME OF INSPECTION.  
Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-06-2017  
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)  
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.  
Violation Notes: Returned to compliance on 12/06/2017. OBSERVATION: Owner/Operator did not repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occur. The 91 line leak detector failed to detect a leak when tested. CORRECTIVE ACTION: Repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the

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MAP FINDINGS

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**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. NOTE: THIS VIOLATION APPLIES TO THE 91 TANK SYSTEM. NOTE: THE 91 LLD WAS ADJUSTED AND RETESTED AT THE TIME OF INSPECTION.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2015  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violation Notes: Returned to compliance on 07/14/2016. OBSERVATION: The Emergency Response Plan and procedures submitted to this department is not complete. Complete section A5 and section J. CORRECTIVE ACTION: Complete the emergency response plan and procedures to include all required content and submit electronically in the California Environmental Reporting System. NOTE: The Portal is being phased out in place of the California Electronic Reporting System (CERS). All your data entered in the Portal has been moved to CERS. As a new user you will only be required to create a login, review the data and submit the data when complete. Please notify Brion McGinness at mcginnessb@saccounty.net following correction of this violation.

Violation Division: Sacramento County Env Management Department  
Violation Program: HMRRP  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 03-15-2021  
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2

Violation Description: "Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "

Violation Notes: Returned to compliance on 06/10/2021. OBSERVATION: The 87 spill bucket testing was due on or before December 17, 2019; And the 91 UST spill bucket testing was due on or before April 30, 2020. All UST Spill Buckets must be tested annually. CORRECTIVE ACTION: Test the 87 and 91 UST Spill Buckets and send the Test Results to this office within 30-Days of testing. NOTE: A fire occurred at this facility in February 2020. Power was restored to the Veeder-Root Monitoring System. Power has not been restored to the 87 or 91 STP or any dispensers. However, fire did not damage the 87 or 91 Spill Buckets. Test these UST Components at your earliest opportunity!

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2015  
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34  
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.  
Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: An accurately completed Chief Financial Office (CFO) document has not been submitted to the CUPA. Current and accurate CFO documentation is required to be submitted annually. CORRECTIVE ACTION: Complete and submit a copy of the financial responsibility to CERS. NOTE: The Portal is being phased out in place of the California Electronic Reporting System (CERS). All your data entered in the Portal has been moved to CERS. As a new user you will only be required to create a login, review the data and submit the data when complete. Please notify Brion McGinness at mcginnessb@sacounty.net following correction of this violation.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2016  
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286  
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.  
Violation Notes: Returned to compliance on 12/13/2016. -87 AND 91 VIOLATIONS- 1. OBSERVATION: The facility marked that its piping/turbine containment sump is double-walled in the tank information pages submitted to CERS on 7/14/2016. This is not correct. The turbine sumps are single-walled. Information submitted to CERS must be correct. CORRECTIVE ACTION: Resubmit the facility's tank information pages in CERS after making the necessary updates. 2. OBSERVATION: The facility marked 'none' for its riser pipe primary containment in the tank information pages submitted to CERS on 7/14/2016. This is not correct. The primary containment (for both tanks) is steel. CORRECTIVE ACTION: Resubmit the facility's tank information in CERS after making the necessary updates. 3. OBSERVATION: The facility did not address the "corrosion protection" section of the tank information pages (for the 87 and 91) submitted to CERS on 7/14/2016. Information submitted to CERS must be complete. CORRECTIVE ACTION: Resubmit the facility's [Truncated]

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 10-09-2020  
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Violation Description: Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.

Violation Notes: Returned to compliance on 03/15/2021. OBSERVATION: The UST Owner states that the facility experienced a fire within the convenience store (c-store) back in February 2020. Due to the fire, the facility immediately shut down and manually turned off the power to the c-store as well as the Veeder Root monitoring panel. The power has remained off since the fire. While on-site I observed the presence of liquid within the 91 Premium Unleaded tank system through the drop-tube. I was unable to gain access to the 87 Regular Unleaded drop-tube. The UST Owner estimates that there is around 10,000 gallons of fuel currently stored within the two tank systems on-site. Therefore, the two fuel-containing underground storage tank (UST) systems on-site have been WITHOUT POWER and have NOT been continuously monitored/maintained to detect a leak at the earliest opportunity since February 2020. (23 CCR 16 2630(d), 2641(a)). CORRECTIVE ACTION: IMMEDIATELY return the two UST systems on-site to proper compliance. Either apply for a [Truncated]

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 03-15-2021  
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)

Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.

Violation Notes: Returned to compliance on 06/10/2021. OBSERVATION: The UST Owner/Operator failed to test the 87 and 91 line leak detectors annually. The Line Leak Detector test was due on or before October 19, 2020. All line leak detectors installed on UST Systems must be tested annually. CORRECTIVE ACTION: Repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. Test the line leak detectors and send the test results to this office within 3-Days. - - OR - - Send a statement explaining why this can not be accomplished at this time.\* NOTE: A fire occurred at this facility in February 2020. Power was restored to the Veeder-Root Monitoring System. Power has not been restored to the 87 or 91 STP or any dispensers. \* A statement will not substitute for compliance with State UST Regulations.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-08-2014  
Citation: Un-Specified  
Violation Description: UST Program - Operations/Maintenance - For use of Local Ordinance



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

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EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Violation Notes: only.  
Returned to compliance on 03/31/2015. OBSERVATION: The 87 grade line leak detector failed to detect a leak when tested. All line leak detectors shall be capable of detecting a 3-gallon per hour leak at 10 psi. CORRECTIVE ACTION: Immediately have a properly licensed, trained, and certified contractor repair or replace the failed leak detector (LG 113-x listed, if applicable) and obtain a permit within one business day from the CUPA. If the failed leak detector can't be replaced immediately, there is a possibility that the 87 grade UST system may be red tagged to prevent fuel inputs. NOTE: 87 grade LLD repaired and retested at time of inspection.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2015  
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12

Violation Description: Failure to obtain and/or maintain an Active EPA ID.  
Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: The generator does not have an active EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit an application to the California Department of Toxic Substances Control to renew the sites existing EPA ID number. Submit a copy of the completed application to this department.

Violation Division: Sacramento County Env Management Department  
Violation Program: HW  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 10-09-2020  
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)

Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.

Violation Notes: Returned to compliance on 03/15/2021. OBSERVATION: The UST Owner states that the facility experienced a fire within the convenience store (c-store) back in February 2020. Due to the fire, the facility immediately shut down and manually turned off the power to the c-store as well as the Veeder Root monitoring panel. The power has remained off since the fire. While on-site I observed the presence of liquid within the 91 Premium Unleaded tank system through the drop-tube. I was unable to gain access to the 87 Regular Unleaded drop-tube. The UST Owner estimates that there is around 10,000 gallons of fuel currently stored within the two tank systems on-site. Therefore, the two fuel-containing underground storage tank (UST) systems on-site have been WITHOUT POWER and have NOT been continuously monitored/maintained to detect a leak at the earliest opportunity since February 2020. CORRECTIVE ACTION: IMMEDIATELY return the two UST systems on-site to proper compliance. Either apply for a UST Temporary Closure OR [Truncated]

Violation Division: Sacramento County Env Management Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 10-09-2020  
Citation: 23 CCR 16 2632(c)(2)(A)&(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(c)(2)(A)&(B)

Violation Description: Failure to continuously monitor the interstitial space of a double-walled tank with an audible and visual alarm system.

Violation Notes: Returned to compliance on 03/15/2021. OBSERVATION: The UST Owner states that the facility experienced a fire within the convenience store (c-store) back in February 2020. Due to the fire, the facility immediately shut down and manually turned off the power to the c-store as well as the Veeder Root monitoring panel. The power has remained off since the fire. While on-site I observed the presence of liquid within the 91 Premium Unleaded tank system through the drop-tube. I was unable to gain access to the 87 Regular Unleaded drop-tube. The UST Owner estimates that there is around 10,000 gallons of fuel currently stored within the two tank systems on-site. Therefore, the two fuel-containing underground storage tank (UST) systems on-site have been WITHOUT POWER and have NOT been continuously monitored/maintained to detect a leak at the earliest opportunity since February 2020. CORRECTIVE ACTION: IMMEDIATELY return the two UST systems on-site to proper compliance. Either apply for a UST Temporary Closure OR [Truncated]

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2016  
Citation: HSC 6.7 25284(a)(3)(A) & (B); - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A) & (B);

Violation Description: Failure to implement or maintain a written agreement between the UST permit holder and the operator (owner/operator agreement).

Violation Notes: Returned to compliance on 12/26/2016. -87 AND 91 VIOLATION- 1. OBSERVATION: The facility has not submitted an owner/operator agreement to CERS. Forms must be electronically submitted. CORRECTIVE ACTION: Submit the owner/operator agreement to CERS.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 10-09-2020  
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)

Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.

Violation Notes: Returned to compliance on 03/15/2021. OBSERVATION: The UST Owner states that the facility experienced a fire within the convenience store (c-store) back in February 2020. Due to the fire, the facility immediately shut down and manually turned off the power to the c-store as well as the Veeder Root monitoring panel. The power has remained

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Distance  
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MAP FINDINGS

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**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

off since the fire. While on-site I observed the presence of liquid within the 91 Premium Unleaded tank system through the drop-tube. I was unable to gain access to the 87 Regular Unleaded drop-tube. The UST Owner estimates that there is around 10,000 gallons of fuel currently stored within the two tank systems on-site. Therefore, the two fuel-containing underground storage tank (UST) systems on-site have been WITHOUT POWER and have NOT been continuously monitored/maintained to detect a leak at the earliest opportunity since February 2020. CORRECTIVE ACTION: IMMEDIATELY return the two UST systems on-site to proper compliance. Either apply for a UST Temporary Closure Permit, [Truncated]

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 03-15-2021  
Citation: 23 CCR 16 2712(b)(1)(F) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(F)

Violation Description: "Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test of the secondary containment system upon installation, within six months of installation and every 36 months thereafter. Perform the test of a secondary containment component within 30 days of a repair or discontinuing vacuum, pressure or hydrostatic monitoring. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician. Maintain records of secondary containment testing for 36 months."

Violation Notes: Returned to compliance on 03/15/2021. OBSERVATION: The last UST Secondary Containment test was due on or before December 8, 2019. This test is now 16 months overdue! UST Secondary containment testing is due within every 36 months. CORRECTIVE ACTION: Conduct secondary containment testing at your earliest opportunity and within every 36 months thereafter. Conduct testing in accordance with proper practices, protocols, or test methods. Submit secondary containment test results within 30-Days of testing. NOTE: A fire occurred at this facility in February 2020. Power was restored to the Veeder-Root Monitoring System only. Power has not been restored to the 87 or 91 STPs or any dispensers. However, Fire did not damage the Secondary Pipe, STP Sumps or UDCs. Conduct this testing at your earliest opportunity.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-06-2017  
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)

Violation Description: Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.

Violation Notes: Returned to compliance on 12/06/2017. OBSERVATION: The float and chain

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Distance  
Elevation

MAP FINDINGS

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**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

monitoring devices for the 87 and 91 fuel grades in UDC #1/2 failed the annual testing event. All monitoring equipment shall be maintained to activate an audible and visual alarm or stop the flow of product at the dispenser when it detects a leak. CORRECTIVE ACTION: Repair/replace and retest failed component(s) and submit test results to this department. NOTE: THIS VIOLATION APPLIES TO BOTH TANK SYSTEMS ONSITE. NOTE: BOTH FLOAT AND CHAIN RESERVOIRS WERE CLEANED AND THE FLOATS RETESTED AT THE TIME OF INSPECTION.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-06-2017  
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286

Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violation Notes: Returned to compliance on 09/12/2019. OBSERVATION: Owner/Operator did not submit and/or maintain an accurate UST Tank information. Both tank forms should identify Piping/ Turbine Containment Sump as Fiberglass. CORRECTIVE ACTION: Submit and maintain an accurate UST tank forms to CERS. NOTE: THIS VIOLATION APPLIES TO BOTH TANK SYSTEMS ONSITE. NOTE: BOTH TANK FORMS WERE UPDATED AND SUBMITTED TO CERS AT THE TIME OF INSPECTION.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2016  
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)

Violation Description: Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitor at least hourly. Be capable of detecting a release of 3.0 gallons per hour at 10 p.s.i.g. Restrict or shut off the flow of product through the piping when a leak is detected.

Violation Notes: Returned to compliance on 12/07/2016. -91 VIOLATION- 1. OBSERVATION: The facility's mechanical line leak detector failed to go into slow flow when tested during the 2016 monitoring system certification. Line leak detectors must be able to detect a 3 gph leak at 10 psi and restrict/shut off fuel flow. CORRECTIVE ACTION: No immediate action is required. Afford-Te technicians adjusted the line leak detector once and line leak detector passed when retested.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 03-15-2021  
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)

Violation Description: Failure of the double-walled pressurized piping to be continuously

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Distance  
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MAP FINDINGS

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**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Violation Notes: monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected. Returned to compliance on 06/10/2021. OBSERVATION: Positive Shutdown of the Submersible Turbine Pumps (STPs) for the 87 and 91 Tanks was not tested today due to no power. All UST Systems must demonstrate STP shutdown (aka Positive Shutdown) when liquid sensors are submerged and tested in any liquid. CORRECTIVE ACTION: Maintain the double wall pressurized piping in the turbine sump to be continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected. Send a statement explaining why this monitoring certification was late.\* NOTE: A fire occurred at this facility in February 2020. Power was restored to the Veeder-Root Monitoring System only. Power has not been restored to the 87 or 91 STPs or any dispensers. \* A statement will not substitute for compliance with State UST Regulations.

Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2015  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Returned to compliance on 12/19/2015. OBSERVATION: The Hazardous Materials Inventory Chemical Description page for unleaded fuel should not identify the "FIRE CODE HAZARD CLASSES" as Explosive or as a Flammable Gas and the "LARGEST CONTAINER" is not 10.0. CORRECTIVE ACTION: Complete and submit an accurate Hazardous Materials Inventory Chemical Description page for materials listed above electronically the California Environmental Reporting System. NOTE: The Portal is being phased out in place of the California Electronic Reporting System (CERS). All your data entered in the Portal has been moved to CERS. As a new user you will only be required to create a login, review the data and submit the data when complete. Please notify Brion McGinness at mcginnessb@sacounty.net following correction of this violation.

Violation Division: Sacramento County Env Management Department  
Violation Program: HMRRP  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-08-2014  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate response plan.

Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Owner/Operator did not submit and/or maintain an approved response plan. CORRECTIVE ACTION: Submit and maintain an approved response plan. NOTE: UST information must be submitted electronically using the EMD electronic reporting Portal.

Violation Division: Sacramento County Env Management Department

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Direction  
Distance  
Elevation

MAP FINDINGS

Site

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EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Violation Program: UST  
Violation Source: CERS,  
  
Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 03-15-2021  
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284  
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.  
Violation Notes: Returned to compliance on 06/10/2021. OBSERVATION: UST Owner/Operator did not obtain and/or maintain a valid Operating Permit from the CUPA. All facilities storing hazardous materials or generating hazardous waste or both must have a valid permit to operate. CORRECTIVE ACTION: Obtain and maintain a valid Operating Permit from the CUPA. Pay past due invoices to obtain permit.  
Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Violation Date: 12-07-2015  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)  
Violation Description: Failure to maintain on site an approved monitoring plan.  
Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Owner/Operator did not maintain an approved monitoring plan. Monitoring Plan for both tanks should identify the LEAK SENSOR MODEL # for PIPE MONITORING as a 208 not 420, and section IX needs to be completed. CORRECTIVE ACTION: Maintain an approved monitoring plan to CERS. Submit monitoring plan for approval. NOTE: The Portal is being phased out in place of the California Electronic Reporting System (CERS). All your data entered in the Portal has been moved to CERS. As a new user you will only be required to create a login, review the data and submit the data when complete. Please notify Brion McGinness at mcginnessb@sacounty.net following correction of this violation.  
Violation Division: Sacramento County Env Management Department  
Violation Program: UST  
Violation Source: CERS,

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-23-2022  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Due to a facility fire the convenient store is currently not operational. As a result of the fire the power source to the building was disconnected and remains disconnected. The main purpose of today's inspection was to confirm that the tanks meet temporary closure requirements. The temporary closure inspection included; visual inspection of the tank systems, confirmation that both tanks are empty of product, that the turbine yolks were disconnected and that the spill bucket lids have been secured with padlocks. The Temporary Closure Application which was received by this department on April 14, 2022 and the temporary closure standards were confirmed during today's site inspection. The temporary closure status of both tanks will



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Distance  
Elevation

MAP FINDINGS

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**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

remain valid through May of 2023. Due to COVID 19 this report was emailed to prasadsarita@aol.com on May 23, 2022.

Eval Division: Sacramento County Env Management Department  
Eval Program: UST  
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: NOTES: This was a focused inspection to verify the status of the underground storage tanks (USTs) on-site. The UST Owner (Sarita Prasad) met me on-site to assess the tanks. UST Owner stated that the facility experienced a fire within the convenience store back in February 2020. On that day they closed down the facility, and shut off the power to the facility as well as the Veeder Root and USTs. Since February 2020 the two UST systems on-site have had no power and have not been continuously monitored. At time of inspection I observed the presence of fuel within the 91 Premium Unleaded tank system through the drop-tube as well as the Veeder Root with no power. The owner estimates that there is approximately 10,000 gallons of fuel currently stored within the two tanks. This focused Inspection Report was sent to Sarita Prasad (Owner) via email (saritaprasad@aol.com) on 10/15/2020 as well as sent out Certified Mail. Copies of the UST Temporary Closure Permit Application and [Truncated]

Eval Division: Sacramento County Env Management Department  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-06-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency

Eval Notes: Not reported

Eval Division: Sacramento County Env Management Department  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-07-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency

Eval Notes: Not reported

Eval Division: Sacramento County Env Management Department  
Eval Program: HMRRP  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-12-2013  
Violations Found: Yes  
Eval Type: Routine done by local agency

Eval Notes: Not reported

Eval Division: Sacramento County Env Management Department  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

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EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Eval Date: 03-15-2021  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: NOTE: A fire occurred at this facility in February 2020. The fire burned electrical wiring and smoke and fire damaged the business interior. As a result, all electrical power was turned off to the building. A focused inspection was conducted by H. Robinson on October 9, 2020 to document UST system violations at that time. A UST Construction permit (U20-116) was issued on January 15, 2021 to re-certify the UST monitoring system after power restored to the unit. Only the power to the Veeder-Root Monitor was restored. The UST Construction inspection and overdue annual monitoring inspection was conducted on March 15, 2021. The Inspection Report was emailed to the facility owner Sarita Prasad via email (SaritaPrasad@aol.com) on May 11, 2021. Consideration between the violation observation date and the violation "Comply by date" is reflected on this report.

Eval Division: Sacramento County Env Management Department  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-07-2016  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: GENERAL NOTES: 1. Secondary containment testing is due on/before December 12, 2016.

Eval Division: Sacramento County Env Management Department  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-08-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported

Eval Division: Sacramento County Env Management Department  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-16-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: NOTE: The UST Letter from Chief Financial Officer submitted through the California Environmental Reporting System (CERS) as part of the mechanism of financial assurance will expire on 12/19/19. Financial documents need to be re-certified annually.

Eval Division: Sacramento County Env Management Department  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-07-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported

Eval Division: Sacramento County Env Management Department

Map ID  
Direction  
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MAP FINDINGS

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EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Eval Program: HW  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-07-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency

Eval Notes: Not reported  
Eval Division: Sacramento County Env Management Department  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-17-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency

Eval Notes: On 12/17/2018, a Hazardous Materials Business Plan (HMBP) inspection was completed at Fuel Stop Mini Mart & Tire, where reportable quantities of hazardous materials were observed and paperwork was reviewed to determine compliance with the Health & Safety Code Chapter 6.95. This facility maintains one 55 gallon drum of waste fuel/water testing fluid on site, which was currently half full at the time of inspection. CERS ID: 10217284 | Last Submittal: 07/29/2018 One minor violation corrected at time of today's inspection. No other violations noted for today's inspection related to the HMBP program.

Eval Division: Sacramento County Env Management Department  
Eval Program: HMRRP  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-17-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency

Eval Notes: On 12/17/2018, a Hazardous Waste (HW) inspection was completed at Fuel Stop Mini Mart & Tire, where reportable quantities of hazardous materials/wastes were observed and paperwork was reviewed to determine compliance with the Health & Safety Code Chapter 6.5. This facility maintains one 55 gallon drum of waste fuel/water testing fluid on site, which was currently half full at the time of inspection. CERS ID: 10217284 | Last Submittal: 07/29/2018 This facility appears to be a Conditionally Exempt Small Quantity Generator (CESQG) of hazardous wastes. Guidance documents regarding CESQG requirements and resources was provided to the owner at time of today's inspection. Return to Compliance documentation can be submitted to me via the following: ATTN: CHER VUE, ES III 10590 Armstrong Ave, Mather CA 95655 Email: vueche@saccounty.net FAX: 916-875-8513

Eval Division: Sacramento County Env Management Department  
Eval Program: HW  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-17-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency

Eval Notes: On 12/17/2018, a Underground Storage Tank (UST) Inspection was completed at Fuel Stop Mini Mart & Tire, where Underground Tanks of hazardous materials were observed and paperwork was reviewed to

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Distance  
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MAP FINDINGS

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EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

determine compliance with the Health & Safety Code Chapter 6.7. This facility maintains a compartmented 15,000 gallon tank on site of Regular Unleaded Fuel @ 10,000 gallons and Premium Unleaded at 5,000 gallons. The tank on site has the following components installed: Annular Sensor (420), two turbine sumps (208s), direct bury spill buckets for both tanks, flapper valve overfill mechanism, mechanical line leak detection and two UDC islands. At time of inspection, all sensors produced fuel alarm and sensor out, however violations were observed relating to the UST system at time of inspection. CERS ID: 10217284 | Last Submittal: 12/6/2017 - Assistance with CERS was provided at time of today's inspection. Return to Compliance documentation can be submitted to me via the [Truncated]

Eval Division: Sacramento County Env Management Department  
Eval Program: UST  
Eval Source: CERS,

**Enforcement Action:**

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Site Address: 3200 RIO LINDA BLVD  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 03-16-2017  
Enf Action Type: Notice of Violation (Unified Program)  
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection  
Enf Action Notes: Not reported  
Enf Action Division: Sacramento County Env Management Department  
Enf Action Program: UST  
Enf Action Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Site Address: 3200 RIO LINDA BLVD  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 06-21-2018  
Enf Action Type: Notice of Violation (Unified Program)  
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection  
Enf Action Notes: Not reported  
Enf Action Division: Sacramento County Env Management Department  
Enf Action Program: UST  
Enf Action Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Site Address: 3200 RIO LINDA BLVD  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 12-07-2015  
Enf Action Type: Notice of Violation (Unified Program)  
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection  
Enf Action Notes: Not reported  
Enf Action Division: Sacramento County Env Management Department  
Enf Action Program: HMRRP  
Enf Action Source: CERS,

Site ID: 118295

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Site Name: FUEL STOP MINI MART & TIRE  
Site Address: 3200 RIO LINDA BLVD  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 12-07-2015  
Enf Action Type: Notice of Violation (Unified Program)  
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection  
Enf Action Notes: Not reported  
Enf Action Division: Sacramento County Env Management Department  
Enf Action Program: HW  
Enf Action Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Site Address: 3200 RIO LINDA BLVD  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 12-07-2015  
Enf Action Type: Notice of Violation (Unified Program)  
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection  
Enf Action Notes: Not reported  
Enf Action Division: Sacramento County Env Management Department  
Enf Action Program: UST  
Enf Action Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Site Address: 3200 RIO LINDA BLVD  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 12-08-2014  
Enf Action Type: Notice of Violation (Unified Program)  
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection  
Enf Action Notes: Not reported  
Enf Action Division: Sacramento County Env Management Department  
Enf Action Program: UST  
Enf Action Source: CERS,

Site ID: 118295  
Site Name: FUEL STOP MINI MART & TIRE  
Site Address: 3200 RIO LINDA BLVD  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 12-12-2013  
Enf Action Type: Notice of Violation (Unified Program)  
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection  
Enf Action Notes: Not reported  
Enf Action Division: Sacramento County Env Management Department  
Enf Action Program: UST  
Enf Action Source: CERS,

**Coordinates:**

Site ID: 118295  
Facility Name: FUEL STOP MINI MART & TIRE  
Env Int Type Code: HWG  
Program ID: 10217284  
Coord Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Ref Point Type Desc: Center of a facility or station.,  
Latitude: 38.625380  
Longitude: -121.445850

**Affiliation:**

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 497 Santa Ana Ave  
Affiliation City: Sacramento  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95838  
Affiliation Phone: ,

Affiliation Type Desc: Operator  
Entity Name: Sarita Devi  
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: (916) 529-5758,

Affiliation Type Desc: UST Property Owner Name  
Entity Name: VS PRASAD LLC  
Entity Title: Not reported  
Affiliation Address: 497 Santa Ana Ave  
Affiliation City: Sacramento  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 95838  
Affiliation Phone: (916) 529-5758,

Affiliation Type Desc: CUPA District  
Entity Name: Sacramento County Environmental Management Departm  
Entity Title: Not reported  
Affiliation Address: 11080 WHITE ROCK ROAD, STE. 200  
Affiliation City: RANCHO CORDOVA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95670  
Affiliation Phone: (916) 875-8550,

Affiliation Type Desc: Document Preparer  
Entity Name: Sarita Prasad  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer  
Entity Name: Sarita Prasad



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Entity Title: Manager  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation  
Entity Name: VS PRASAD LLC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Property Owner  
Entity Name: VS PRASAD LLC  
Entity Title: Not reported  
Affiliation Address: 497 Santa Ana Ave  
Affiliation City: Sacramento  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 95838  
Affiliation Phone: (916) 529-5758,

Affiliation Type Desc: UST Tank Operator  
Entity Name: VS PRASAD LLC  
Entity Title: Not reported  
Affiliation Address: 497 Santa Ana Ave  
Affiliation City: Sacramento  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 95838  
Affiliation Phone: (916) 529-5758,

Affiliation Type Desc: Environmental Contact  
Entity Name: Sarita Devi  
Entity Title: Not reported  
Affiliation Address: 497 Santa Ana Ave  
Affiliation City: Sacramento  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95838  
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner  
Entity Name: VS PrasadLLC  
Entity Title: Not reported  
Affiliation Address: 497 Santa Ana Ave  
Affiliation City: Sacramento  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 95838  
Affiliation Phone: (916) 529-5758,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Affiliation Type Desc: UST Tank Owner  
Entity Name: VS PRASAD LLC  
Entity Title: Not reported  
Affiliation Address: 497 Santa Ana Ave  
Affiliation City: Sacramento  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 95838  
Affiliation Phone: (916) 529-5758,

**HWTS:**

Name: SAMEER INC DBA FUEL STOP MINI MART&TIRE  
Address: 3200 RIO LINDA BLVD  
Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
EPA ID: CAL000297809  
Inactive Date: 06/30/2020  
Create Date: 08/23/2005  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: 3200 RIO LINDA BL  
Mailing Address 2: Not reported  
Mailing City,State,Zip: SACRAMENTO, CA 958150000  
Owner Name: SULTAN KHAN  
Owner Address: 11 TANZANITE CT  
Owner Address 2: Not reported  
Owner City,State,Zip: SACRAMENTO, CA 95834  
Contact Name: SULTAN KHAN  
Contact Address: 11 TANZANITE CT  
Contact Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
Facility Status: Inactive  
Facility Type: PERMANENT  
Category: STATE  
Latitude: 38.6254  
Longitude: -121.44585

**NAICS:**

EPA ID: CAL000297809  
Create Date: 2016-02-08 13:42:37.113  
NAICS Code: 445299  
NAICS Description: All Other Specialty Food Stores  
Issued EPA ID Date: 2005-08-23 08:15:23.31000  
Inactive Date: 2020-06-30 00:00:00  
Facility Name: SAMEER INC DBA FUEL STOP MINI MART&TIRE  
Facility Address: 3200 RIO LINDA BLVD  
Facility Address 2: Not reported  
Facility City: SACRAMENTO  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 958151238  
  
EPA ID: CAL000297809  
Create Date: 2005-08-23 08:15:23.467  
NAICS Code: 99999  
NAICS Description: Not Otherwise Specified

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S113465917**

Issued EPA ID Date: 2005-08-23 08:15:23.31000  
Inactive Date: 2020-06-30 00:00:00  
Facility Name: SAMEER INC DBA FUEL STOP MINI MART&TIRE  
Facility Address: 3200 RIO LINDA BLVD  
Facility Address 2: Not reported  
Facility City: SACRAMENTO  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 958151238

Name: FUEL STOP MINI MART & TIRE  
Address: 3200 RIO LINDA BLVD  
Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
EPA ID: CAL000294863  
Inactive Date: 06/30/2006  
Create Date: 06/07/2005  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: 3200 RIO LINDA BLVD  
Mailing Address 2: Not reported  
Mailing City,State,Zip: SACRAMENTO, CA 95815  
Owner Name: VIDYA OR SARITA PRASAD  
Owner Address: 3200 RIO LINDA BLVD  
Owner Address 2: Not reported  
Owner City,State,Zip: SACRAMENTO, CA 95815  
Contact Name: VIDYA PRASAD  
Contact Address: 3200 RIO LINDA BLVD  
Contact Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
Facility Status: Inactive  
Facility Type: PERMANENT  
Category: STATE  
Latitude: 38.62496  
Longitude: -121.44611

**NAICS:**

EPA ID: CAL000294863  
Create Date: 2005-06-07 16:16:17.700  
NAICS Code: 99999  
NAICS Description: Not Otherwise Specified  
Issued EPA ID Date: 2005-06-07 16:16:17.68300  
Inactive Date: 2006-06-30 14:21:36.99700  
Facility Name: FUEL STOP MINI MART & TIRE  
Facility Address: 3200 RIO LINDA BLVD  
Facility Address 2: Not reported  
Facility City: SACRAMENTO  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 95815

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A11**      **FARUK FULL STOP**  
**Target**    **3200 RIO LINDA BLVD**  
**Property**   **SACRAMENTO, CA 95838**

**RCRA-SQG**    **1007989059**  
**HAZNET**      **CAR000159814**  
**HWTS**

**Site 11 of 24 in cluster A**

**Actual:**  
**30 ft.**

RCRA Listings:	
Date Form Received by Agency:	20050105
Handler Name:	Faruk Full Stop
Handler Address:	3200 RIO LINDA BLVD
Handler City,State,Zip:	SACRAMENTO, CA 95838
EPA ID:	CAR000159814
Contact Name:	RICHARD D MUNSCH
Contact Address:	6280 BROOKSHIRE DRIVE
Contact City,State,Zip:	ROCKLIN, CA 95677
Contact Telephone:	916-521-7010
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6280 BROOKSHIRE DRIVE
Mailing City,State,Zip:	ROCKLIN, CA 95677
Owner Name:	Mohammed Faruk
Owner Type:	Private
Operator Name:	Mohammed Faruk
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FARUK FULL STOP (Continued)**

**1007989059**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20050202
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

**Hazardous Waste Summary:**

Waste Code: D001  
 Waste Description: IGNITABLE WASTE

Waste Code: D018  
 Waste Description: BENZENE

Waste Code: F003  
 Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

**Handler - Owner Operator:**

Owner/Operator Indicator:	Operator
Owner/Operator Name: MOHAMMED FARUK	
Legal Status:	Private
Date Became Current:	19960412
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: MOHAMMED FARUK	
Legal Status:	Private
Date Became Current:	19960412
Date Ended Current:	Not reported
Owner/Operator Address:	7712 DOLPHIN FISH WAY
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95823

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARUK FULL STOP (Continued)**

**1007989059**

Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20050105  
Handler Name: FARUK FULL STOP  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 44132  
NAICS Description: TIRE DEALERS  
  
NAICS Code: 44711  
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

HAZNET:

Name: FARUK FULL STOP  
Address: 3200 RIO LINDA BLVD  
Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 958151238  
Contact: RICHARD MUNSCH/PROJECT MGR  
Telephone: 9165217010  
Mailing Name: Not reported  
Mailing Address: 6280 BROOKSHIRE DR  
  
Year: 2008  
Gepaid: CAR000159814  
TSD EPA ID: CAD980884183  
CA Waste Code: 331 - Off-specification, aged or surplus organics  
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Tons: 1.188  
  
Year: 2007  
Gepaid: CAR000159814  
TSD EPA ID: CAD980884183  
CA Waste Code: 331 - Off-specification, aged or surplus organics  
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

**FARUK FULL STOP (Continued)**

**1007989059**

Tons:	Treatment/Reovery (H010-H129) Or (H131-H135) 1.98
Year:	2006
Gepaid:	CAR000159814
TSD EPA ID:	CAD980884183
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	-
Tons:	1.749
Year:	2006
Gepaid:	CAR000159814
TSD EPA ID:	CAD008252405
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	R01 - Recycler
Tons:	0.6105
Year:	2006
Gepaid:	CAR000159814
TSD EPA ID:	CAD980884183
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H01 - Transfer Station
Tons:	1.551
Year:	2006
Gepaid:	CAR000159814
TSD EPA ID:	CAD980884183
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.947
Year:	2005
Gepaid:	CAR000159814
TSD EPA ID:	CAD044003556
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H01 - Transfer Station
Tons:	0.68805
Year:	2005
Gepaid:	CAR000159814
TSD EPA ID:	CAD008252405
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	R01 - Recycler
Tons:	1.056
Additional Info:	
Year:	2008
Gen EPA ID:	CAR000159814
Shipment Date:	20080207
Creation Date:	4/3/2008 18:30:13
Receipt Date:	20080214
Manifest ID:	004091181JJK
Trans EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARUK FULL STOP (Continued)**

**1007989059**

Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD980884183  
Trans Name: GEM - RANCHO CORDOVA LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D018  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 1.188  
Waste Quantity: 360  
Quantity Unit: G  
Additional Code 1: D001  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2007  
Gen EPA ID: CAR000159814

Shipment Date: 20070522  
Creation Date: 10/18/2007 18:30:24  
Receipt Date: 20070525  
Manifest ID: 002004358JJK  
Trans EPA ID: CAD044003556  
Trans Name: RAMOS ENVIRONMENTAL SERVICES INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD980884183  
Trans Name: GEM - RANCHO CORDOVA LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D018  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 1.98  
Waste Quantity: 600  
Quantity Unit: G  
Additional Code 1: D001  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2006  
Gen EPA ID: CAR000159814

Shipment Date: 20061213  
Creation Date: 4/19/2007 18:30:14  
Receipt Date: 20061219  
Manifest ID: 001702214JJK  
Trans EPA ID: CAD044003556

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARUK FULL STOP (Continued)**

**1007989059**

Trans Name:	RAMOS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980884183
Trans Name:	GEM - RANCHO CORDOVA LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.947
Waste Quantity:	590
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:	20060830
Creation Date:	10/5/2006 18:32:35
Receipt Date:	20060831
Manifest ID:	25290274
Trans EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA
TSDf Alt EPA ID:	CAD980884183
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.551
Waste Quantity:	470
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060525
Creation Date:	12/20/2006 18:31:14
Receipt Date:	20060601
Manifest ID:	25189017
Trans EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA
TSDf Alt EPA ID:	CAD980884183
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

**FARUK FULL STOP (Continued)**

**1007989059**

RCRA Code: D001  
Meth Code: - Not reported  
Quantity Tons: 1.749  
Waste Quantity: 530  
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: 20060215  
Creation Date: 6/22/2006 18:34:40  
Receipt Date: 20060222  
Manifest ID: 24849971  
Trans EPA ID: CAD044003556  
Trans Name: RAMOS 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: CAD008252405  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D001  
Meth Code: R01 - Recycler  
Quantity Tons: 0.6105  
Waste Quantity: 185  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2005  
Gen EPA ID: CAR000159814

Shipment Date: 20050815  
Creation Date: 4/13/2006 18:45:56  
Receipt Date: 20050817  
Manifest ID: 23549500  
Trans EPA ID: CAD044003556  
Trans Name: RAMOS 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: CAD008252405  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D001  
Meth Code: R01 - Recycler  
Quantity Tons: 1.056  
Waste Quantity: 320  
Quantity Unit: G

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARUK FULL STOP (Continued)**

**1007989059**

Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20050311  
Creation Date: 5/29/2005 18:31:56  
Receipt Date: 20050311  
Manifest ID: 24308944  
Trans EPA ID: CAD044003556  
Trans Name: RAMOS ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD044003556  
Trans Name: RAMOS ENVIRONMENTAL SERVICES  
TSDf Alt EPA ID: CAD044003556  
TSDf Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: NON  
Meth Code: H01 - Transfer Station  
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

**HWTS:**

Name: FARUK FULL STOP  
Address: 3200 RIO LINDA BLVD  
Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
EPA ID: CAR000159814  
Inactive Date: 06/30/2010  
Create Date: 04/14/2005  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: 6280 BROOKSHIRE DR  
Mailing Address 2: Not reported  
Mailing City,State,Zip: ROCKLIN, CA 956770000  
Owner Name: FARUK FULL STOP  
Owner Address: 6280 BROOKSHIRE DR  
Owner Address 2: Not reported  
Owner City,State,Zip: ROCKLIN, CA 956770000  
Contact Name: RICHARD MUNSCH/PROJECT MGR  
Contact Address: 6280 BROOKSHIRE DR  
Contact Address 2: Not reported  
City,State,Zip: ROCKLIN, CA 956770000  
Facility Status: Inactive  
Facility Type: TEMPORARY  
Category: FEDERAL  
Latitude: 38.6254  
Longitude: -121.44585

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A12** FARUK FULL STOP  
**Target** 3200 RIO LINDA BLVD  
**Property** SACRAMENTO, CA 95838

**FINDS** 1008003169  
**ECHO** N/A

**Site 12 of 24 in cluster A**

**Actual:**  
**30 ft.**

**FINDS:**  
Registry ID: 110020745648

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1008003169  
Registry ID: 110020745648  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110020745648>  
Name: FARUK FULL STOP  
Address: 3200 RIO LINDA BLVD  
City,State,Zip: SACRAMENTO, CA 95838

**A13** ARCADE SHELL SERVICE  
**Target** 3200 RIO LINDA BLVD  
**Property** DEL PASO HEIGHTS, CA

**EDR Hist Auto** 1009020804  
N/A

**Site 13 of 24 in cluster A**

**Actual:**  
**30 ft.**

EDR Hist Auto

Year: Name: Type:  
1957 ARCADE SHELL SERVICE GASOLINE STATIONS  
1961 ARCADE SHELL SERVICE GASOLINE STATIONS

**A14** FULL STOP MINIMART  
**Target** 3200 RIO LINDA BLVD  
**Property** RIO LINDA, CA 95815

**LUST** S104403334  
**Sacramento Co. CS** N/A  
**Cortese**  
**CERS**

**Site 14 of 24 in cluster A**

**Actual:**  
**30 ft.**

**LUST:**  
Name: FULL STOP MINIMART  
Address: 3200 RIO LINDA BLVD  
City,State,Zip: RIO LINDA, CA 95815  
Lead Agency: SACRAMENTO COUNTY LOP  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0606701131](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606701131)  
Global Id: T0606701131  
Latitude: 38.6253360605709  
Longitude: -121.44558759259  
Status: Completed - Case Closed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINIMART (Continued)**

**S104403334**

Status Date: 03/05/2019  
Case Worker: CWL  
RB Case Number: 341309  
Local Agency: SACRAMENTO COUNTY LOP  
File Location: Local Agency  
Local Case Number: F544  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline

Site History: On December 16, 1999, five USTs were removed. During removal of the USTs, an SCEMD inspector noted the presence of gasoline odor and discoloration in subsurface soil. Following system removal, soil samples were collected under SCEMD direction. The analytical results from the sampling confirmed that soil beneath the USTs and dispensers had been impacted by Total Petroleum Hydrocarbons (TPH)-as-gasoline, benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tertiary butyl ether (MTBE). Seven onsite soil borings were drilled, and three groundwater monitoring wells (MW-1, MW-2 and MW-3) were installed. The results of this investigation showed that soil and groundwater beneath the site had been impacted by gasoline hydrocarbons from the former UST system. Impacts to soil and groundwater were pervasive and mostly undefined. Soils to the total drilling depth of 65 feet beneath the site consisted of clay, silt, and fine sand mixtures. In the unsaturated vadose zone soil, a laterally continuous interval of poorly-graded fine sand and silty fine sand was observed between approximately 9 and 22 feet below ground surface (bgs). This sandy soil was observed at various thickness within this interval in all seven soil borings. Across most of the site, the groundwater-bearing soil consisted of a silt and fine sand mixture, less than 10 feet thick. The remaining soil section mostly consisted of massive sequences of clay and silt soils. During drilling, groundwater was first encountered in the seven soil borings at depths ranging from 53.5 feet bgs in B-5 to 63.5 feet bgs in the boring for MW-2. On May 23, 2001, the static depth to the groundwater table, as measured in the three monitoring wells ranged from 53.34 feet bgs in MW-1 to 62.88 feet bgs in MW-2. The resulting groundwater surface appeared as a regular plane dipping to the southwest at a gradient of approximately 0.14 foot/foot. In soil, 34 of the 37 samples contained concentrations of gasoline compounds above laboratory reporting limits, including TPH-as-gasoline, BTEX, MTBE and tertiary butanol (TBA). Most of the gasoline hydrocarbon mass appeared to be concentrated in unsaturated vadose zone soil at and above 25 feet bgs. Concentrations of gasoline hydrocarbons declined with depth but extended to the depth of the groundwater table. In groundwater, samples collected from the four soil borings and three monitoring wells all contained concentrations of gasoline compounds above laboratory reporting limits, including TPH-as-gasoline, BTEX and MTBE. Gasoline hydrocarbons in groundwater were concentrated beneath the southern end of the site, and the lateral and vertical extent was not defined. The groundwater analytical results are summarized in Table 2. On June 6, 2003, Ramage Environmental documented a survey of potential sensitive receptors within 2,000-feet of the site (site vicinity). According to the city of Sacramento Water Department, the city provides water service throughout the site vicinity, and two of their water supply wells operated approximately 1,200 feet south and 1,500 feet southeast of the site. The well construction details were not available from the California Department of Water Resources (DWR). For the site



MAP FINDINGS

**FULL STOP MINIMART (Continued)**

**S104403334**

vicinity, a total of six water wells were identified in the DWR records. The nearest well was an operating residential irrigation well , approximately 950 feet northwest of the site. Reconnaissance of the site vicinity included a walking tour of the area within at least 500 feet of the site, and a driving tour throughout the site vicinity. Interviews with residents confirmed that the city service is the primary source of water in the neighborhood. It is possible that some older domestic wells continue to operate within the neighborhood; however, no wells or pressure tanks were observed during reconnaissance. On June 12, 2007, to further delineate the soil stratigraphy and to investigate the vertical extent of petroleum hydrocarbons below the groundwater table, One cone penetration test at one off-site location (CPT-1) was advanced. Due to the presence of very dense and cemented soils, the CPT boring could not be advanced deep enough to identify and sample groundwater-bearing intervals beneath the groundwater table. As such, no soil or groundwater samples were collected, and the site investigation was aborted. The installation of one well into the second groundwater-bearing interval, in the vicinity of MW-4 was proposed and approved. Currently, the installation of the well is pending private property access. A passive free product skimmer in MW-3 was installed. Between July 18, 2002 and May 30, 2005, a total of approximately 5,213.50 ounces (40.73 gallons) of free product were removed after 68 recovery events. Between June 8, 2005 and October 16, 2007, a total of 3,390 gallons of gasoline and groundwater mixture were removed from MW-3 in 26 monthly vacuum truck product recovery events. The free product removal events were discontinued in October 2007, pending the startup of the soil vapor extraction and air sparging system. The installation of two nested soil vapor extraction test wells and two air sparge test wells was done in 2002 and air sparge testing and soil vapor extraction testing was conducted. The results indicated that air sparging combined with soil vapor extraction should be an effective method for the remediation of impacted soil and groundwater beneath the site. Startup and shake down of the system occurred in 2009. The system has been operating since then.

LUST:

Global Id: T0606701131  
Contact Type: Local Agency Caseworker  
Contact Name: CHARLEY LANGER  
Organization Name: SACRAMENTO COUNTY LOP  
Address: 11080 WHITE ROCK ROAD, SUITE 200  
City: RANCHO CORDOVA  
Email: langerc@saccounty.net  
Phone Number: 9165912648

Global Id: T0606701131  
Contact Type: Regional Board Caseworker  
Contact Name: VERA FISCHER  
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)  
Address: 11020 SUN CENTER DRIVE #200  
City: RANCHO CORDOVA  
Email: vera.fischer@waterboards.ca.gov  
Phone Number: Not reported

LUST:

Global Id: T0606701131

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINIMART (Continued)**

**S104403334**

Action Type: ENFORCEMENT  
Date: 10/30/2006  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 12/04/2006  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 04/29/2005  
Action: File review

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 08/07/2006  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 09/11/2006  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 02/02/2008  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 08/21/2008  
Action: File review

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 03/18/2008  
Action: File review

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 02/17/2009  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 03/02/2009  
Action: File review

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 03/15/2011  
Action: Clean Up Fund - Letter to RP

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 03/28/2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINIMART (Continued)**

**S104403334**

Action: Clean Up Fund - Letter to RP

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 08/02/2010  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 05/02/2011  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 10/29/2012  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 08/16/2012  
Action: Staff Letter

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 02/04/2013  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 04/29/2013  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 11/02/2015  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 03/28/2017  
Action: Meeting

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 04/06/2018  
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 02/06/2015  
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 05/04/2018  
Action: Notification - Public Notice of Case Closure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINIMART (Continued)**

**S104403334**

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 05/18/2010  
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 09/06/2012  
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 06/16/2011  
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 06/11/2007  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 09/17/2007  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 12/24/2007  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 12/08/2004  
Action: File review

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 03/25/2004  
Action: File review

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 04/14/2008  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 04/21/2008  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 04/07/2006  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINIMART (Continued)**

**S104403334**

Date: 10/06/2008  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 01/18/2011  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 01/31/2011  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 02/07/2011  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 04/26/2010  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 11/01/2010  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 10/17/2011  
Action: File review

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 07/30/2012  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 02/04/2013  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 10/20/2014  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 07/30/2015  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 07/30/2015  
Action: Technical Correspondence / Assistance / Other

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINIMART (Continued)**

**S104403334**

Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	01/21/2016
Action:	File review
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	03/05/2019
Action:	Closure/No Further Action Letter - #WQO_2018_0020_UST
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	03/22/2010
Action:	Clean Up Fund - Case Closure Review Summary Report (RSR)
Global Id:	T0606701131
Action Type:	Other
Date:	01/14/2000
Action:	Leak Reported
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	01/13/2000
Action:	Notice of Responsibility
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	07/28/2008
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	01/11/2006
Action:	File review
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	08/10/2004
Action:	File review
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	02/02/2005
Action:	File review
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	03/09/2004
Action:	File review
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	02/01/2010
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINIMART (Continued)**

**S104403334**

Date: 05/02/2012  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 07/31/2013  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 04/29/2013  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 10/29/2012  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 06/01/2015  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 02/02/2015  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 10/31/2014  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 02/03/2014  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 08/04/2014  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 01/29/2016  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 05/04/2018  
Action: State Water Board Closure Order

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 04/06/2018  
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINIMART (Continued)**

**S104403334**

Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	09/15/2017
Action:	Email Correspondence
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	03/30/2018
Action:	Email Correspondence
Global Id:	T0606701131
Action Type:	RESPONSE
Date:	04/15/2009
Action:	Correspondence
Global Id:	T0606701131
Action Type:	RESPONSE
Date:	04/14/2009
Action:	Correspondence
Global Id:	T0606701131
Action Type:	RESPONSE
Date:	10/19/2015
Action:	Well Installation Workplan - Regulator Responded
Global Id:	T0606701131
Action Type:	RESPONSE
Date:	09/07/2017
Action:	Soil and Water Investigation Workplan - Regulator Responded
Global Id:	T0606701131
Action Type:	RESPONSE
Date:	08/09/2018
Action:	Well Destruction Workplan - Regulator Responded
Global Id:	T0606701131
Action Type:	REMEDIATION
Date:	07/18/2002
Action:	Free Product Removal
Global Id:	T0606701131
Action Type:	REMEDIATION
Date:	04/29/2009
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0606701131
Action Type:	REMEDIATION
Date:	05/15/2009
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	07/21/2008
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINIMART (Continued)**

**S104403334**

Date: 05/18/2009  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 08/28/2009  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 08/13/2009  
Action: Staff Letter

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 08/10/2009  
Action: File review

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 11/10/2009  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 08/21/2009  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 10/23/2009  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 11/14/2011  
Action: File review

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 10/28/2011  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 01/01/2012  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 11/14/2011  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 01/20/2012  
Action: Staff Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINIMART (Continued)**

**S104403334**

Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	01/30/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	01/30/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	05/02/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	07/01/2015
Action:	Staff Letter
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	10/31/2013
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	02/21/2014
Action:	File review
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	05/01/2015
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	10/31/2014
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	05/02/2014
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	02/15/2016
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	03/06/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINIMART (Continued)**

**S104403334**

Date: 12/17/2007  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 05/02/2008  
Action: File review

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 03/09/2009  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 03/23/2009  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 08/22/2011  
Action: File review

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 11/01/2010  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 02/07/2011  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 02/08/2011  
Action: File review

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 08/05/2011  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 05/02/2011  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 05/16/2011  
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701131  
Action Type: ENFORCEMENT  
Date: 08/04/2014  
Action: Technical Correspondence / Assistance / Other

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINIMART (Continued)**

**S104403334**

Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	06/16/2014
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	05/01/2015
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	10/15/2015
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	11/02/2015
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	08/13/2018
Action:	Email Correspondence
Global Id:	T0606701131
Action Type:	ENFORCEMENT
Date:	08/24/2018
Action:	State Water Board Closure Order - #WQO-2018-0020-UST
Global Id:	T0606701131
Action Type:	Other
Date:	12/16/1999
Action:	Leak Discovery
LUST:	
Global Id:	T0606701131
Status:	Open - Case Begin Date
Status Date:	12/16/1999
Global Id:	T0606701131
Status:	Open - Site Assessment
Status Date:	12/16/1999
Global Id:	T0606701131
Status:	Open - Site Assessment
Status Date:	05/14/2001
Global Id:	T0606701131
Status:	Open - Remediation
Status Date:	07/08/2002
Global Id:	T0606701131
Status:	Open - Remediation
Status Date:	01/10/2003
Global Id:	T0606701131

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINIMART (Continued)**

**S104403334**

Status: Open - Verification Monitoring  
Status Date: 12/02/2016  
  
Global Id: T0606701131  
Status: Completed - Case Closed  
Status Date: 03/05/2019

LUST REG 5:

Name: FULL STOP MINIMART  
Address: 3200 RIO LINDA BLVD  
City: RIO LINDA  
Region: 5  
Status: Remedial action (cleanup) Underway  
Case Number: 341309  
Case Type: Drinking Water Aquifer affected  
Substance: GASOLINE  
Staff Initials: VJF  
Lead Agency: Local  
Program: LUST  
MTBE Code: 7

Sacramento Co. CS:

Name: FULL STOP MINI MARKET  
Address: 3200 RIO LINDA BLVD  
City,State,Zip: RIO LINDA, CA  
State Site Number: F544  
Lead Staff: Langer, C.  
Lead Agency: HM  
Remedial Action Taken: NO  
Substance: Automotive(motor gasoline and additives)  
Date Reported: 12/16/1999  
Facility Id: RO0001400  
Case Type: Undefined  
Case Closed: Not reported  
**Date Closed: Not reported**  
**Case Type: Undetermined affected**  
**Substance: Automotive(motor gasoline and additives)**

CORTESE:

Name: FULL STOP MINIMART  
Address: 3200 RIO LINDA BLVD  
City,State,Zip: RIO LINDA, CA 95815  
Region: CORTESE  
Envirostor Id: Not reported  
Global ID: T0606701131  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINIMART (Continued)**

**S104403334**

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 Unit Name: Not reported  
File Name: Active Open

**CERS:**

Name: FULL STOP MINIMART  
Address: 3200 RIO LINDA BLVD  
City,State,Zip: RIO LINDA, CA 95815  
Site ID: 245856  
CERS ID: T0606701131  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: CHARLEY LANGER - SACRAMENTO COUNTY LOP  
Entity Title: Not reported  
Affiliation Address: 11080 WHITE ROCK ROAD, SUITE 200  
Affiliation City: RANCHO CORDOVA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 9165912648,

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: VERA FISCHER - CENTRAL VALLEY RWQCB (REGION 5S)  
Entity Title: Not reported  
Affiliation Address: 11020 SUN CENTER DRIVE #200  
Affiliation City: RANCHO CORDOVA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

**A15  
Target  
Property**

**FULL STOP MINIMART  
3200 RIO LINDA BLVD  
SACRAMENTO, CA**

**RGA LUST S114624656  
N/A**

**Site 15 of 24 in cluster A**

**Actual:  
30 ft.**

RGA LUST:  
Name: FULL STOP MINIMART  
Address: 3200 RIO LINDA BLVD  
City: SACRAMENTO  
State: SACRAMENTO  
2004 FULL STOP MINIMART 3200 RIO LINDA BLVD



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A16** FULL STOP MINI MART & TIRE SHOP  
**Target** 3200 RIO LINDA BLVD  
**Property** SACRAMENTO, CA 95815

**HWTS** S124843266  
N/A

**Site 16 of 24 in cluster A**

**Actual:**  
**30 ft.**

**HWTS:**  
Name: FULL STOP MINI MART & TIRE SHOP  
Address: 3200 RIO LINDA BLVD  
Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
EPA ID: CAL000268535  
Inactive Date: 06/30/2003  
Create Date: 04/02/2003  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: 3200 RIO LINDA BLVD  
Mailing Address 2: Not reported  
Mailing City,State,Zip: SACRAMENTO, CA 95815  
Owner Name: ALVEN THAO  
Owner Address: 3200 RIO LINDA BLVD  
Owner Address 2: Not reported  
Owner City,State,Zip: SACRAMENTO, CA 95815  
Contact Name: ALVEN THAO  
Contact Address: 3200 RIO LINDA BLVD  
Contact Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
Facility Status: Inactive  
Facility Type: PERMANENT  
Category: STATE  
Latitude: 38.624962  
Longitude: -121.446168

**NAICS:**  
EPA ID: CAL000268535  
Create Date: 2003-04-02 13:12:51.890  
NAICS Code: 44719  
NAICS Description: Other Gasoline Stations  
Issued EPA ID Date: 2003-04-02 13:12:51.86000  
Inactive Date: 2003-06-30 00:00:00  
Facility Name: FULL STOP MINI MART & TIRE SHOP  
Facility Address: 3200 RIO LINDA BLVD  
Facility Address 2: Not reported  
Facility City: SACRAMENTO  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 95815

**A17** FUEL STOP MINI MART & TIRE  
**Target** 3200 RIO LINDA BLVD  
**Property** SACRAMENTO, CA 95815

**Sacramento Co. ML** S123291293  
N/A

**Site 17 of 24 in cluster A**

**Actual:**  
**30 ft.**

**Sacramento Co. ML:**  
Name: FUEL STOP MINI MART & TIRE  
Address: 3200 RIO LINDA BLVD  
City,State,Zip: SACRAMENTO, CA 95815  
Facility Id: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FUEL STOP MINI MART & TIRE (Continued)**

**S123291293**

Facility Status:	Not reported
FD:	Not reported
Billing Codes BP:	I
Billing Codes UST:	I
WG Bill Code:	I
Target Property Bill Cod:	Not reported
Food Bill Code:	Not reported
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	2
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

**A18**      **SAMEER INC DBA FUEL STOP MINI MART&TIRE**  
**Target**    **3200 RIO LINDA BLVD**  
**Property**   **SACRAMENTO, CA 95815**

**RCRA NonGen / NLR**    **1025867188**  
**CAL000297809**

**Site 18 of 24 in cluster A**

**Actual:**  
**30 ft.**

RCRA Listings:	
Date Form Received by Agency:	20050823
Handler Name:	Sameer Inc Dba Fuel Stop Mini Mart&Tire
Handler Address:	3200 RIO LINDA BLVD
Handler City,State,Zip:	SACRAMENTO, CA 95815-1238
EPA ID:	CAL000297809
Contact Name:	SULTAN KHAN
Contact Address:	11 TANZANITE CT
Contact City,State,Zip:	SACRAMENTO, CA 95815-0000
Contact Telephone:	916-519-7305
Contact Fax:	916-921-9517
Contact Email:	SULTANKHAN916@YAHOO.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:	3200 RIO LINDA BL
Mailing City,State,Zip:	SACRAMENTO, CA 95815-0000
Owner Name:	Sultan Khan
Owner Type:	Other
Operator Name:	Sultan Khan
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SAMEER INC DBA FUEL STOP MINI MART&TIRE (Continued)**

**1025867188**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: SULTAN KHAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11 TANZANITE CT
Owner/Operator City, State, Zip:	SACRAMENTO, CA 95815-0000
Owner/Operator Telephone:	916-519-7305
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: SULTAN KHAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAMEER INC DBA FUEL STOP MINI MART&TIRE (Continued)**

**1025867188**

Owner/Operator Address: 11 TANZANITE CT  
Owner/Operator City,State,Zip: SACRAMENTO, CA 95834  
Owner/Operator Telephone: 916-519-7305  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20050823  
Handler Name: SAMEER INC DBA FUEL STOP MINI MART&TIRE  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: Not reported  
Recognized Trader Exporter: Not reported  
Spent Lead Acid Battery Importer: Not reported  
Spent Lead Acid Battery Exporter: Not reported  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 445299  
NAICS Description: ALL OTHER SPECIALTY FOOD STORES  
  
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

**A19  
Target  
Property**

**SAMEER INC DBA FUEL STOP MINI MART&TIRE  
3200 RIO LINDA BLVD  
SACRAMENTO, CA 95815**

**ECHO 1025496534  
N/A**

**Site 19 of 24 in cluster A**

**Actual:  
30 ft.**

ECHO:  
Envid: 1025496534  
Registry ID: 110070589475  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070589475>  
Name: SAMEER INC DBA FUEL STOP MINI MART&TIRE  
Address: 3200 RIO LINDA BLVD  
City,State,Zip: SACRAMENTO, CA 95815

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A20**  
**Target**  
**Property**

**GERWER SHELL SERVICE**  
**3200 RIO LINDA BLVD**  
**SACRAMENTO, CA**

**EDR Hist Auto**    **1009022295**  
**N/A**

**Site 20 of 24 in cluster A**

**Actual:**    EDR Hist Auto  
**30 ft.**

Year:	Name:	Type:
1965	GERWER SHELL SERVICE	GASOLINE STATIONS
1969	GERWER VERNON F SR	Gasoline Service Stations
1970	GERWER SHELL SERVICE	GASOLINE STATIONS
1970	GERWER VERNON F SR	Gasoline Service Stations
1980	SPEED BIRD GAS STATION	GASOLINE STATIONS
1991	FUEL STOP	Gasoline Service Stations
1992	FUEL STOP	Gasoline Service Stations
1993	FUEL STOP	Gasoline Service Stations
1994	FUEL STOP	Gasoline Service Stations
1995	FUEL STOP	Gasoline Service Stations
1996	FUEL STOP	Gasoline Service Stations
1997	FUEL STOP	Gasoline Service Stations
1998	FUEL STOP	Gasoline Service Stations
1999	FUEL STOP	Gasoline Service Stations
2000	FUEL STOP	Gasoline Service Stations
2001	FUEL STOP	Gasoline Service Stations
2002	FUEL STOP	Gasoline Service Stations
2003	FULL STOP	Gasoline Service Stations

**A21**  
**Target**  
**Property**

**FULL STOP MINI MART**  
**3200 RIO LINDA BLVD**  
**SACRAMENTO, CA 95815**

**UST**    **U004352983**  
**N/A**

**Site 21 of 24 in cluster A**

**Actual:**    UST:  
**30 ft.**

Name:                    FULL STOP MINI MART  
Address:                3200 RIO LINDA BLVD  
City,State,Zip:        SACRAMENTO, CA 95815  
Facility ID:            FA0005745  
Permitting Agency:    SACRAMENTO COUNTY  
CERSID:                Not reported  
Latitude:               38.62673  
Longitude:             -121.444496  
Owner type:            Not reported  
Facility type:           Not reported  
Num of inuse ust:     Not reported  
Num of closed ust:    Not reported  
Num of oos ust:       Not reported  
Epa region:            Not reported  
Tribal lands:           Not reported  
Tank owner name:      Not reported  
Tank owner mailing address: Not reported  
Tank owner mailing city: Not reported  
Tank owner mailing zip: Not reported  
Tank owner mailing state: Not reported  
Tank operator name:   Not reported  
Tank operator mailing address: Not reported  
Tank operator mailing city: Not reported  
Tank operator mailing zip: Not reported  
Tank operator mailing state: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FULL STOP MINI MART (Continued)**

**U004352983**

Tankidnumber: Not reported  
 Tank status: Not reported  
 Tank configuration: Not reported  
 Tank closure date: Not reported  
 Tank installation date: Not reported  
 Tank num of compartments: Not reported  
 Tank contents: Not reported  
 Tank capacity gallons: Not reported  
 Tank type: Not reported  
 Tank pc construction: Not reported  
 Tank pwpiping construction: Not reported  
 Tank piping type: Not reported  
 Tank piping construction: Not reported  
 Tank sacrificial anode: Not reported  
 Tank cp impressed current: Not reported  
 Tank cp shutoff: Not reported  
 Tank alarms: Not reported  
 Tank ball float: Not reported  
 Tank spill bucket: Not reported

**A22  
 Target  
 Property**

**FULL STOP MINI MART  
 3200 RIO LINDA BL  
 SACRAMENTO, CA 95815**

**Sacramento Co. ML S129164886  
 N/A**

**Site 22 of 24 in cluster A**

**Actual:  
 30 ft.**

Sacramento Co. ML:  
 Name: FULL STOP MINI MART  
 Address: 3200 RIO LINDA BL  
 City,State,Zip: SACRAMENTO, CA 95815  
 Facility Id: U0178288  
 Facility Status: Inactive. Included on a listing no longer updated.  
 FD: U  
 Billing Codes BP: Out of Business  
 Billing Codes UST: No Tanks  
 WG Bill Code: Oil Changed by Outside Company-No Fee  
 Target Property Bill Cod: 51  
 Food Bill Code: 51  
 CUPA Permit Date: Not reported  
 HAZMAT Permit Date: Not reported  
 HAZMAT Inspection Date: Not reported  
 Hazmat Date BP Received: Not reported  
 UST Permit Dt: 11/30/1990  
 UST Inspection Date: Not reported  
 UST Tank Test Date: Not reported  
 Number of Tanks: 0  
 UST Tank Test Date: Not reported  
 SIC Code: 5411  
 Tier Permitting: Not reported  
 AST Bill Code: Not reported  
 CALARP Bill Code: Not reported

Name: FULL STOP MINI MART  
 Address: 3200 RIO LINDA BL  
 City,State,Zip: SACRAMENTO, CA 95815  
 Facility Id: U0178288  
 Facility Status: Inactive. Included on a listing no longer updated.  
 FD: U

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL STOP MINI MART (Continued)**

**S129164886**

Billing Codes BP: Out of Business  
Billing Codes UST: No Tanks  
WG Bill Code: Oil Changed by Outside Company-No Fee  
Target Property Bill Cod: 51  
Food Bill Code: 51  
CUPA Permit Date: Not reported  
HAZMAT Permit Date: Not reported  
HAZMAT Inspection Date: 07/06/1994  
Hazmat Date BP Received: Not reported  
UST Permit Dt: 11/30/1990  
UST Inspection Date: 07/06/1994  
UST Tank Test Date: Not reported  
Number of Tanks: 0  
UST Tank Test Date: 07/06/1994  
SIC Code: 5541  
Tier Permitting: Not reported  
AST Bill Code: Not reported  
CALARP Bill Code: Not reported

Name: FULL STOP MINI MART  
Address: 3200 RIO LINDA BL  
City,State,Zip: SACRAMENTO, CA 95815  
Facility Id: U0178288  
Facility Status: Inactive. Included on a listing no longer updated.  
FD: U  
Billing Codes BP: Out of Business  
Billing Codes UST: No Tanks  
WG Bill Code: Oil Changed by Outside Company-No Fee  
Target Property Bill Cod: 51  
Food Bill Code: 51  
CUPA Permit Date: Not reported  
HAZMAT Permit Date: Not reported  
HAZMAT Inspection Date: 03/29/1995  
Hazmat Date BP Received: 06/10/1996  
UST Permit Dt: 11/30/1990  
UST Inspection Date: 03/29/1995  
UST Tank Test Date: Not reported  
Number of Tanks: 0  
UST Tank Test Date: Not reported  
SIC Code: Not reported  
Tier Permitting: Not reported  
AST Bill Code: Not reported  
CALARP Bill Code: Not reported

**A23  
Target  
Property**

**ALLADIN SELF SERVICE  
3200 RIO LINDA BL  
SACRAMENTO, CA 95815**

**Sacramento Co. ML S123288912  
N/A**

**Site 23 of 24 in cluster A**

**Actual:  
30 ft.**

Sacramento Co. ML:  
Name: ALLADIN SELF SERVICE  
Address: 3200 RIO LINDA BL  
City,State,Zip: SACRAMENTO, CA 95815  
Facility Id: U0178288  
Facility Status: Inactive. Included on a listing no longer updated.  
FD: U  
Billing Codes BP: Out of Business

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALLADIN SELF SERVICE (Continued)**

**S123288912**

Billing Codes UST: No Tanks  
WG Bill Code: Oil Changed by Outside Company-No Fee  
Target Property Bill Cod: 51  
Food Bill Code: 51  
CUPA Permit Date: Not reported  
HAZMAT Permit Date: Not reported  
HAZMAT Inspection Date: Not reported  
Hazmat Date BP Received: Not reported  
UST Permit Dt: 11/30/1990  
UST Inspection Date: Not reported  
UST Tank Test Date: Not reported  
Number of Tanks: 0  
UST Tank Test Date: Not reported  
SIC Code: Not reported  
Tier Permitting: Not reported  
AST Bill Code: Not reported  
CALARP Bill Code: Not reported

**A24  
Target  
Property**

**FUEL STOP  
3200 RIO LINDA BL  
SACRAMENTO, CA 95815**

**Sacramento Co. ML S123291294  
N/A**

**Site 24 of 24 in cluster A**

**Actual:  
30 ft.**

Sacramento Co. ML:  
Name: FUEL STOP  
Address: 3200 RIO LINDA BL  
City,State,Zip: SACRAMENTO, CA 95815  
Facility Id: U0178288  
Facility Status: Inactive. Included on a listing no longer updated.  
FD: U  
Billing Codes BP: Out of Business  
Billing Codes UST: No Tanks  
WG Bill Code: Oil Changed by Outside Company-No Fee  
Target Property Bill Cod: 51  
Food Bill Code: 51  
CUPA Permit Date: Not reported  
HAZMAT Permit Date: Not reported  
HAZMAT Inspection Date: Not reported  
Hazmat Date BP Received: Not reported  
UST Permit Dt: 11/13/1990  
UST Inspection Date: 06/06/1991  
UST Tank Test Date: 09/28/1991  
Number of Tanks: 0  
UST Tank Test Date: Not reported  
SIC Code: 5541  
Tier Permitting: Not reported  
AST Bill Code: Not reported  
CALARP Bill Code: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B25**  
**North**  
**< 1/8**  
**0.109 mi.**  
**576 ft.**  
**SMITTY'S DRIVE-INN**  
**3300 RIO LINDA BL**  
**SACRAMENTO, CA 95838**  
**Site 1 of 3 in cluster B**

**HIST UST** **U001616008**  
**Sacramento Co. ML** **N/A**

**Relative:**  
**Higher**

HIST UST:

**Actual:**  
**34 ft.**

Name: SMITTYS DRIVE-INN  
Address: 3300 RIO LINDA BLVD  
City,State,Zip: SACRAMENTO, CA 95838  
File Number: 0001fd29  
URL: <https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0001fd29.pdf>  
Region: STATE  
Facility ID: 00000058461  
Facility Type: Gas Station  
Other Type: Not reported  
Contact Name: MOHAMMED ZAMAN  
Telephone: 9169298201  
Owner Name: DELMAR C. SMITH  
Owner Address: 3661 BAINBRIDGE DRIVE  
Owner City,St,Zip: NORTH HIGHLANDS, CA 95660  
Total Tanks: 0002

Tank Num: 001  
Container Num: 2  
Year Installed: 1972  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: Pressure Test

Tank Num: 002  
Container Num: 1  
Year Installed: 1972  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Pressure Test

[Click here for Geo Tracker PDF:](#)

Sacramento Co. ML:

Name: SMITTY'S DRIVE-INN  
Address: 3300 RIO LINDA BL  
City,State,Zip: SACRAMENTO, CA 95838  
Facility Id: U0178387  
Facility Status: Inactive. Included on a listing no longer updated.  
FD: U  
Billing Codes BP: Out of Business  
Billing Codes UST: No Tanks  
WG Bill Code: Oil Changed by Outside Company-No Fee  
Target Property Bill Cod: 51  
Food Bill Code: 51  
CUPA Permit Date: Not reported  
HAZMAT Permit Date: Not reported  
HAZMAT Inspection Date: Not reported  
Hazmat Date BP Received: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SMITTY'S DRIVE-INN (Continued)**

**U001616008**

UST Permit Dt: Not reported  
 UST Inspection Date: Not reported  
 UST Tank Test Date: Not reported  
 Number of Tanks: 0  
 UST Tank Test Date: Not reported  
 SIC Code: Not reported  
 Tier Permitting: Not reported  
 AST Bill Code: Not reported  
 CALARP Bill Code: Not reported

**B26**  
 North  
 < 1/8  
 0.109 mi.  
 576 ft.

**SMITTY'S**  
**3300 RIO LINDA BLVD**  
**SACRAMENTO, CA 95838**

**EDR Hist Auto 1020613255**  
**N/A**

**Site 2 of 3 in cluster B**

**Relative:**  
**Higher**

EDR Hist Auto

**Actual:**  
**34 ft.**

Year:	Name:	Type:
1979	SMITTY'S	Eating Places
1980	SMITTY'S	Eating Places
1982	SMITTY'S	Eating Places
1983	SMITTY'S	Eating Places
1985	SMITTY'S	Eating Places
1986	SMITTY'S	Eating Places
1987	SMITTY'S	Eating Places
1988	SMITTY'S	Eating Places
1989	SMITTY'S	Fast Food Restaurants And Stands
1990	SMITTY'S	Fast Food Restaurants And Stands
1991	SMITTY'S	Fast Food Restaurants And Stands

**B27**  
 North  
 < 1/8  
 0.109 mi.  
 576 ft.

**DAVE SMITH**  
**3300 RIO LINDA BLVD**  
**SACRAMENTO, CA 95838**

**SWEEPS UST S101590528**  
**CA FID UST N/A**

**Site 3 of 3 in cluster B**

**Relative:**  
**Higher**

SWEEPS UST:

**Actual:**  
**34 ft.**

Name: DAVE SMITH  
 Address: 3300 RIO LINDA BLVD  
 City: SACRAMENTO  
 Status: Not reported  
 Comp Number: 58461  
 Number: Not reported  
 Board Of Equalization: Not reported  
 Referral Date: Not reported  
 Action Date: Not reported  
 Created Date: Not reported  
 Owner Tank Id: Not reported  
 SWRCB Tank Id: 34-000-058461-000001  
 Tank Status: Not reported  
 Capacity: 10000  
 Active Date: Not reported  
 Tank Use: M.V. FUEL  
 STG: PRODUCT  
 Content: LEADED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAVE SMITH (Continued)**

**S101590528**

Number Of Tanks: 2  
  
Name: DAVE SMITH  
Address: 3300 RIO LINDA BLVD  
City: SACRAMENTO  
Status: Not reported  
Comp Number: 58461  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 34-000-058461-000002  
Tank Status: Not reported  
Capacity: 10000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**CA FID UST:**

Facility ID: 34001359  
Regulated By: UTNKI  
Regulated ID: 00058461  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 9169298201  
Mail To: Not reported  
Mailing Address: 3300 RIO LINDA BLVD  
Mailing Address 2: Not reported  
Mailing City,St,Zip: SACRAMENTO 95838  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**C28**  
**ESE**  
**1/8-1/4**  
**0.155 mi.**  
**821 ft.**

**ETHAN BROWNING**  
**1045 SONOMA AVE**  
**SACRAMENTO, CA 95815**  
  
**Site 1 of 3 in cluster C**

**SWEEPS UST** **S101628258**  
**CA FID UST** **N/A**

**Relative:**  
**Higher**  
  
**Actual:**  
**38 ft.**

**SWEEPS UST:**  
Name: ETHAN BROWNING  
Address: 1045 SONOMA AVE  
City: SACRAMENTO  
Status: Active  
Comp Number: 57759  
Number: 9  
Board Of Equalization: 44-019444  
Referral Date: 07-01-85  
Action Date: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ETHAN BROWNING (Continued)**

**S101628258**

Created Date: 02-29-88  
 Owner Tank Id: 1  
 SWRCB Tank Id: 34-000-057759-000001  
 Tank Status: A  
 Capacity: 550  
 Active Date: 07-01-85  
 Tank Use: M.V. FUEL  
 STG: P  
 Content: REG UNLEADED  
 Number Of Tanks: 1

CA FID UST:

Facility ID: 34007249  
 Regulated By: UTNKA  
 Regulated ID: 00057759  
 Cortese Code: Not reported  
 SIC Code: Not reported  
 Facility Phone: 0009251744  
 Mail To: Not reported  
 Mailing Address: P O BOX  
 Mailing Address 2: Not reported  
 Mailing City,St,Zip: SACRAMENTO 95815  
 Contact: Not reported  
 Contact Phone: Not reported  
 DUNs Number: Not reported  
 NPDES Number: Not reported  
 EPA ID: Not reported  
 Comments: Not reported  
 Status: Active

**C29**  
**ESE**  
**1/8-1/4**  
**0.155 mi.**  
**821 ft.**

**ETHAN BROWN**  
**1045 SONOMA AV**  
**SACRAMENTO, CA 95815**  
**Site 2 of 3 in cluster C**

**HIST UST** **U001615262**  
**Sacramento Co. ML** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**38 ft.**

HIST UST:  
 Name: ETHAN BROWNING  
 Address: 1045 SONOMA AVE  
 City,State,Zip: SACRAMENTO, CA 95815  
 File Number: 0001fd87  
 URL: <https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0001fd87.pdf>  
 Region: STATE  
 Facility ID: 00000057759  
 Facility Type: Other  
 Other Type: PRIVATE STORAGE  
 Contact Name: OWNER  
 Telephone: 9251744  
 Owner Name: ETHAN BROWNING  
 Owner Address: 1945 SONOMA AVE  
 Owner City,St,Zip: SACRAMENTO, CA 95815  
 Total Tanks: 0001  
  
 Tank Num: 001  
 Container Num: 1  
 Year Installed: Not reported  
 Tank Capacity: 00000550

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ETHAN BROWN (Continued)**

**U001615262**

Tank Used for: PRODUCT  
 Type of Fuel: PREMIUM  
 Container Construction Thickness: Not reported  
 Leak Detection: None

Click here for Geo Tracker PDF:

Sacramento Co. ML:

Name: ETHAN BROWN  
 Address: 1045 SONOMA AV  
 City,State,Zip: SACRAMENTO, CA 95815  
 Facility Id: Not reported  
 Facility Status: Inactive. Included on a listing no longer updated.  
 FD: U  
 Billing Codes BP: Disclaimer  
 Billing Codes UST: No Tanks  
 WG Bill Code: Oil Changed by Outside Company-No Fee  
 Target Property Bill Cod: 50  
 Food Bill Code: 50  
 CUPA Permit Date: Not reported  
 HAZMAT Permit Date: Not reported  
 HAZMAT Inspection Date: Not reported  
 Hazmat Date BP Received: Not reported  
 UST Permit Dt: Not reported  
 UST Inspection Date: Not reported  
 UST Tank Test Date: Not reported  
 Number of Tanks: 0  
 UST Tank Test Date: Not reported  
 SIC Code: Not reported  
 Tier Permitting: Not reported  
 AST Bill Code: Not reported  
 CALARP Bill Code: Not reported

**C30**  
**ESE**  
**1/8-1/4**  
**0.165 mi.**  
**871 ft.**

**SONOMA AVENUE SITE**  
**1035 SONOMA AVENUE**  
**SACRAMENTO, CA 95815**  
**Site 3 of 3 in cluster C**

**RESPONSE** **S101272817**  
**ENVIROSTOR** **N/A**  
**HIST Cal-Sites**  
**LIENS**  
**HIST CORTESE**  
**CERS**

**Relative:**  
**Higher**  
**Actual:**  
**38 ft.**

RESPONSE:  
 Name: SONOMA AVENUE SITE  
 Address: 1035 SONOMA AVENUE  
 City,State,Zip: SACRAMENTO, CA 95815  
 Facility ID: 34990001  
 Site Type: State Response  
 Site Type Detail: State Response or NPL  
 Acres: 0.13  
 National Priorities List: NO  
 Cleanup Oversight Agencies: SMBRP  
 Lead Agency Description: DTSC - Site Cleanup Program  
 Project Manager: Not reported  
 Supervisor: Juan Peng  
 Division Branch: Cleanup Sacramento  
 Site Code: 100344  
 Site Mgmt. Req.: NONE SPECIFIED  
 Assembly: 07

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONOMA AVENUE SITE (Continued)**

**S101272817**

Senate: 06  
Special Program Status: Not reported  
Status: Certified  
Status Date: 02/05/1996  
Restricted Use: NO  
Funding: Orphan Funds  
Latitude: 38.62405  
Longitude: -121.4430  
APN: 26500210260000  
Past Use: ILLEGAL DUMPING  
Potential COC : Lead  
Confirmed COC: Lead  
Potential Description: SOIL  
Alias Name: SONOMA AVENUE SITE  
Alias Type: Alternate Name  
Alias Name: 26500210260000  
Alias Type: APN  
Alias Name: 110033615853  
Alias Type: EPA (FRS #)  
Alias Name: 100344  
Alias Type: Project Code (Site Code)  
Alias Name: 34990001  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 01/23/1996  
Comments: Approximately 189 cy of lead contaminated soils were transported for disposal to a Class I landfill. Soil samples were analyzed by a mobile XRF lab in conjunction with a state certified lab during the excavation to ensure complete removal of the contaminated soils. Backfill was applied to the excavated areas, spread evenly, and compacted. All work was performed in accordance with the approved Removal Action Workplan. No further action is required. RA; 0.13 acres land returned

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 09/05/1995  
Comments: Removal Action Workplan approved detailing a plan to excavate and dispose of lead contaminated soils. Soil was contaminated as a result of illegal disposal to the ground.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 10/26/1992  
Comments: Site Screening completed. Lead levels in soil samples collected from the site ranged from 2400 ppm to 9200 ppm. Site is fenced. Recommend Removal Action to remediate soil.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Lien  
Completed Date: 11/24/1997

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONOMA AVENUE SITE (Continued)**

**S101272817**

Comments: DTSC has sent a lien for recording to the Sacramento County Recorders office for costs expected by a hazardous substances release.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Cost Recovery Settlements/Decrees  
Completed Date: 11/23/1999  
Comments: DTSC settled its cost recovery action with the defend defendants when the settlement agreement and consent decree was filed in the U.S. District Court on November 23, 1999.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Final Determination of Non-Compliance  
Completed Date: 04/13/1994  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 02/05/1996  
Comments: All response activities have been completed and no further action is required. Approximately 189cy of lead contaminated soils were transported for disposal to a Class I landfill. All work was performed in accordance with the approved Removal Action Workplan. Volume disposed to landfill: 189cy. Acres of land returned/ released for reuse: 0.13; Cleaned up, any land use allowed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Initial Study/ Neg. Declaration  
Completed Date: 09/22/1995  
Comments: A Notice of Determination was filed with the Office of Planning and Research on September 22, 1995. A Negative Declaration for the soil removal was adopted.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)  
Completed Date: 09/27/1993  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fence & Post Order  
Completed Date: 10/03/1989  
Comments: Order to fence and post.

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONOMA AVENUE SITE (Continued)**

**S101272817**

**ENVIROSTOR:**

Name: SONOMA AVENUE SITE  
Address: 1035 SONOMA AVENUE  
City,State,Zip: SACRAMENTO, CA 95815  
Facility ID: 34990001  
Status: Certified  
Status Date: 02/05/1996  
Site Code: 100344  
Site Type: State Response  
Site Type Detailed: State Response or NPL  
Acres: 0.13  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: Juan Peng  
Division Branch: Cleanup Sacramento  
Assembly: 07  
Senate: 06  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Orphan Funds  
Latitude: 38.62405  
Longitude: -121.4430  
APN: 26500210260000  
Past Use: ILLEGAL DUMPING  
Potential COC: Lead  
Confirmed COC: Lead  
Potential Description: SOIL  
Alias Name: SONOMA AVENUE SITE  
Alias Type: Alternate Name  
Alias Name: 26500210260000  
Alias Type: APN  
Alias Name: 110033615853  
Alias Type: EPA (FRS #)  
Alias Name: 100344  
Alias Type: Project Code (Site Code)  
Alias Name: 34990001  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 01/23/1996  
Comments: Approximately 189 cy of lead contaminated soils were transported for disposal to a Class I landfill. Soil samples were analyzed by a mobile XRF lab in conjunction with a state certified lab during the excavation to ensure complete removal of the contaminated soils. Backfill was applied to the excavated areas, spread evenly, and compacted. All work was performed in accordance with the approved Removal Action Workplan. No further action is required. RA; 0.13 acres land returned

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONOMA AVENUE SITE (Continued)**

**S101272817**

Completed Document Type: Removal Action Workplan  
Completed Date: 09/05/1995  
Comments: Removal Action Workplan approved detailing a plan to excavate and dispose of lead contaminated soils. Soil was contaminated as a result of illegal disposal to the ground.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 10/26/1992  
Comments: Site Screening completed. Lead levels in soil samples collected from the site ranged from 2400 ppm to 9200 ppm. Site is fenced. Recommend Removal Action to remediate soil.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Lien  
Completed Date: 11/24/1997  
Comments: DTSC has sent a lien for recording to the Sacramento County Recorders office for costs expected by a hazardous substances release.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Cost Recovery Settlements/Decrees  
Completed Date: 11/23/1999  
Comments: DTSC settled its cost recovery action with the defend defendants when the settlement agreement and consent decree was filed in the U.S. District Court on November 23, 1999.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Final Determination of Non-Compliance  
Completed Date: 04/13/1994  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 02/05/1996  
Comments: All response activities have been completed and no further action is required. Approximately 189cy of lead contaminated soils were transported for disposal to a Class I landfill. All work was performed in accordance with the approved Removal Action Workplan. Volume disposed to landfill: 189cy. Acres of land returned/ released for reuse: 0.13; Cleaned up, any land use allowed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Initial Study/ Neg. Declaration  
Completed Date: 09/22/1995  
Comments: A Notice of Determination was filed with the Office of Planning and Research on September 22, 1995. A Negative Declaration for the soil removal was adopted.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONOMA AVENUE SITE (Continued)**

**S101272817**

Completed Date: 09/27/1993  
Comments: Not reported  
  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fence & Post Order  
Completed Date: 10/03/1989  
Comments: Order to fence and post.  
  
Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**Calsite:**

Name: SONOMA AVENUE SITE  
Address: 1035 SONOMA AVENUE  
City: SACRAMENTO  
Region: SACRAMENTO  
Facility ID: 34990001  
Facility Type: STATE  
Type: STATE FUNDED SITE  
Branch: CC  
Branch Name: CENTRAL CALIFORNIA  
File Name: SONOMA AVENUE SITE  
State Senate District: 02051996  
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT  
Status Name: CERTIFIED  
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL  
NPL: Not Listed  
SIC Code: 99  
SIC Name: NONCLASSIFIABLE ESTABLISHMENTS  
Access: Controlled  
Cortese: Not reported  
Hazardous Ranking Score: Not reported  
Date Site Hazard Ranked: Not reported  
Groundwater Contamination: Not reported  
Staff Member Responsible for Site: SROSS  
Supervisor Responsible for Site: Not reported  
Region Water Control Board: CV  
Region Water Control Board Name: CENTRAL VALLEY  
Lat/Long Direction: Not reported  
Lat/Long (dms): 0 0 0 / 0 0 0  
Lat/long Method: Not reported  
Lat/Long Description: Not reported  
State Assembly District Code: 09  
State Senate District Code: 06  
Facility ID: 34990001  
Activity: SS  
Activity Name: SITE SCREENING  
AWP Code: Not reported  
Proposed Budget: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONOMA AVENUE SITE (Continued)**

**S101272817**

AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 10261992  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 34990001  
Activity: ORDER  
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 09271993  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 34990001  
Activity: RAW  
Activity Name: REMOVAL ACTION WORKPLAN  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 09051995  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONOMA AVENUE SITE (Continued)**

**S101272817**

Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 34990001  
Activity: CEQA  
Activity Name: CEQA INCLUDING NEGATIVE DECS  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 09221995  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 34990001  
Activity: RA  
Activity Name: REMOVAL ACTION  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 01231996  
Est Person-Yrs to complete: 0  
Estimated Size: S  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: N  
Activity Comments: SEE CERT REMOVAL INFO.  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONOMA AVENUE SITE (Continued)**

**S101272817**

Unknown Type: 0  
Facility ID: 34990001  
Activity: CERT  
Activity Name: CERTIFICATION  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 02051996  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 189  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: N  
Activity Comments: EXCAVATION AND REDISPOSAL OF LEAD CONTAMINATED SOILS TO A CLASS  
ILANDFILL. 0.13 ACRES RETURNED/RELEASED FOR REUSE.  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 34990001  
Activity: COST  
Activity Name: COST RECOVERY  
AWP Code: LIEN  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 11241997  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 34990001  
Activity: COST  
Activity Name: COST RECOVERY  
AWP Code: SOF  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONOMA AVENUE SITE (Continued)**

**S101272817**

Comments Date: 11241997  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 34990001  
Activity: COST  
Activity Name: COST RECOVERY  
AWP Code: STMT  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 11231999  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Alternate Address: 1035 SONOMA AVENUE  
Alternate City,St,Zip: SACRAMENTO, CA 95815  
Background Info: The site is a 0.13 acre undeveloped lot. In 1989, the responsible parties transported and disposed of lead contaminated soils and battery parts originating from Sierra Battery Sales in 11 stockpiles throughout the site. After numerous attempts to have the responsible parties conduct the cleanup, DTSC through use of its contractor removed the contaminated soils and backfilled excavated areas. The removal met preliminary remediation goals set in the Removal Action Workplan and no further response is necessary. Site was certified 2/5/96.  
Comments Date: 01231996  
Comments: Approximately 189 cy of lead contaminated soils were  
Comments Date: 01231996  
Comments: transported for disposal to a Class I landfill. Soil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONOMA AVENUE SITE (Continued)**

**S101272817**

Comments Date: 01231996  
Comments: samples were analyzed by a mobile XRF lab in conjunction  
Comments Date: 01231996  
Comments: with a state certified lab during the excavation to ensure  
Comments Date: 01231996  
Comments: complete removal of the contaminated soils. Backfill was  
Comments Date: 01231996  
Comments: applied to the excavated areas, spread evenly, and  
Comments Date: 01231996  
Comments: compacted. All work was performed in accordance with the  
Comments Date: 01231996  
Comments: approved Removal Action Workplan. No further action is  
Comments Date: 01231996  
Comments: required.  
Comments Date: 01231996  
Comments: RA; 0.13 acres land returned  
Comments Date: 02051996  
Comments: CERT - All response activities have been completed and no  
Comments Date: 02051996  
Comments: further action is required. Approximately 189cy of lead  
Comments Date: 02051996  
Comments: contaminated soils were transported for disposal to a  
Comments Date: 02051996  
Comments: Class I landfill. All work was performed in accordance with  
Comments Date: 02051996  
Comments: the approved Removal Action Workplan.  
Comments Date: 02051996  
Comments: Volume disposed to landfill: 189cy. Acres of land returned/  
Comments Date: 02051996  
Comments: released for reuse: 0.13; Cleaned up, any land use allowed.  
Comments Date: 02211995  
Comments: State funds allocated to excavate and remove the  
Comments Date: 02211995  
Comments: contaminated soil. Task Orders are being prepared to  
Comments Date: 02211995  
Comments: to encumber the money for the removal action.  
Comments Date: 09051995  
Comments: Removal Action Workplan approved detailing a plan to  
Comments Date: 09051995  
Comments: excavate and dispose of lead contaminated soils. Soil was  
Comments Date: 09051995  
Comments: contaminated as a result of illegal disposal to the ground.  
Comments Date: 09221995  
Comments: CEQA - Notice of Determination was filed with the Office  
Comments Date: 09221995  
Comments: of Planning and Research on September 22, 1995. A  
Comments Date: 09221995  
Comments: Negative Declaration for the soil removal was adopted.  
Comments Date: 10261992  
Comments: Site Screening completed.  
Comments Date: 10261992  
Comments: Lead levels in soil samples collected from the  
Comments Date: 10261992  
Comments: site ranged from 2400 ppm to 9200 ppm. Site is fenced.  
Comments Date: 10261992  
Comments: Recommend Removal Action to remediate soil.  
Comments Date: 11231999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONOMA AVENUE SITE (Continued)**

**S101272817**

Comments: COST/STMT - DTSC settled its cost recovery action with the defend  
Comments Date: 11231999  
Comments: defendants when the settlement agreement and consent decree was  
Comments Date: 11231999  
Comments: filed in the U.S. District Court on November 23, 1999.  
Comments Date: 11241997  
Comments: COST/LIEN -- DTSC HAS SENT A LIEN FOR RECORDING TO THE  
Comments Date: 11241997  
Comments: SACRAMENTO COUNTY RECORDER'S OFFICE ON PROPERTY AFFECTED  
Comments Date: 11241997  
Comments: BY A HAZARDOUS SUBSTANCE RELEASE.  
Comments Date: 11241997  
Comments: Not reported  
Comments Date: 11241997  
Comments: COST SOF A Statement of Facts was prepared and transmitted to  
Comments Date: 11241997  
Comments: the Attorney General's Office for filing of a cost recovery  
Comments Date: 11241997  
Comments: action.  
ID Name: CALSTARS CODE  
ID Value: 100344  
Alternate Name: SONOMA AVENUE SITE  
Alternate Name: Not reported  
Special Programs Code: Not reported  
Special Programs Name: Not reported

**LIENS:**

Name: SONOMA AVENUE SITE  
City,State,Zip: SACRAMENTO, CA 95815  
Envirostor Id: 34990001  
Latitude: 38.624056  
Longitude: -121.44305  
Project Mgr: STEVEN ROSS\*  
Project Code: 100344  
If Satisfied: NO  
Date Satisfied: Not reported  
Site Status: CERTIFIED  
Site Type: STATE RESPONSE OR NPL  
Completed: 11/24/1997  
Lien Amount: \$180,638.17  
Amount Remaining: Not reported  
APNS: 2.65E+13  
Description: The site is a 0.13 acre undeveloped lot. In 1989, the responsible parties transported and disposed of lead contaminated soils and battery parts originating from Sierra Battery Sales in 11 stockpiles throughout the site. After numerous attempts to have the responsible parties conduct the cleanup, DTSC through use of its contractor removed the contaminated soils and backfilled excavated areas. The removal met preliminary remediation goals set in the Removal Action Workplan and no further response is necessary. Site was certified 2/5/96.

**HIST CORTESE:**

edr\_fname: SONOMA AVENUE SITE  
edr\_fadd1: 1035 SONOMA  
City,State,Zip: SACRAMENTO, CA 95815



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONOMA AVENUE SITE (Continued)**

**S101272817**

Region: CORTESE  
Facility County Code: 34  
Reg By: CALSI  
Reg Id: 34990001

CERS:  
Name: SONOMA AVENUE SITE  
Address: 1035 SONOMA AVENUE  
City,State,Zip: SACRAMENTO, CA 95815  
Site ID: 610181  
CERS ID: 34990001  
CERS Description: State Response

Affiliation:  
Affiliation Type Desc: Supervisor  
Entity Name: William Beckman  
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: ,

**D31**  
**SSW**  
**1/8-1/4**  
**0.198 mi.**  
**1044 ft.**

**CITY OF SAC - WELL 143**  
**851 ACACIA AVE**  
**SACRAMENTO, CA 95815**

**CERS HAZ WASTE**  
**Sacramento Co. ML**  
**CERS**

**S123533564**  
**N/A**

**Site 1 of 2 in cluster D**

**Relative:**  
**Lower**  
**Actual:**  
**26 ft.**

CERS HAZ WASTE:  
Name: CITY OF SAC - WELL 143  
Address: 851 ACACIA AVE  
City,State,Zip: SACRAMENTO, CA 95815  
Site ID: 63776  
CERS ID: 10223017  
CERS Description: Hazardous Chemical Management

Name: CITY OF SAC - WELL 143  
Address: 851 ACACIA AVE  
City,State,Zip: SACRAMENTO, CA 95815  
Site ID: 63776  
CERS ID: 10223017  
CERS Description: Hazardous Waste Generator

Sacramento Co. ML:  
Name: CITY OF SAC - WELL 143  
Address: 851 ACACIA AVE  
City,State,Zip: SACRAMENTO, CA 95815  
Facility Id: Not reported  
Facility Status: Not reported  
FD: Not reported  
Billing Codes BP: A  
Billing Codes UST: Not reported  
WG Bill Code: A  
Target Property Bill Cod: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF SAC - WELL 143 (Continued)**

**S123533564**

Food Bill Code: Not reported  
CUPA Permit Date: Not reported  
HAZMAT Permit Date: Not reported  
HAZMAT Inspection Date: Not reported  
Hazmat Date BP Received: Not reported  
UST Permit Dt: Not reported  
UST Inspection Date: Not reported  
UST Tank Test Date: Not reported  
Number of Tanks: Not reported  
UST Tank Test Date: Not reported  
SIC Code: Not reported  
Tier Permitting: Not reported  
AST Bill Code: Not reported  
CALARP Bill Code: A

**CERS:**

Name: CITY OF SAC - WELL 143  
Address: 851 ACACIA AVE  
City,State,Zip: SACRAMENTO, CA 95815  
Site ID: 63776  
CERS ID: 10223017  
CERS Description: Chemical Storage Facilities

**Evaluation:**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 11-14-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Sacramento County Env Management Department  
Eval Program: CalARP  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-16-2022  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: No hazardous waste violations were observed at the time of inspection. The site walkthrough was conducted with Water Production Superintendent David Herrmann on June 16, 2022. The inspection report was emailed to Mr. Herrmann on June 23, 2022 at the following email address: dherrmann@cityofsacramento.org

Eval Division: Sacramento County Env Management Department  
Eval Program: HW  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-16-2022  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Sacramento County Env Management Department  
Eval Program: CalARP  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-16-2022

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF SAC - WELL 143 (Continued)**

**S123533564**

Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: No hazardous materials business plan violations were observed at the time of inspection. The site walkthrough was conducted with Water Production Superintendent David Herrmann on June 16, 2022. The inspection report was emailed to Mr. Herrmann on June 23, 2022 at the following email address: dherrmann@cityofsacramento.org  
Eval Division: Sacramento County Env Management Department  
Eval Program: HMRRP  
Eval Source: CERS,  
  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-27-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Sacramento County Env Management Department  
Eval Program: HMRRP  
Eval Source: CERS,  
  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-27-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Sacramento County Env Management Department  
Eval Program: CalARP  
Eval Source: CERS,  
  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 11-14-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: No violations observed at the time of inspection.  
Eval Division: Sacramento County Env Management Department  
Eval Program: HMRRP  
Eval Source: CERS,

Coordinates:  
Site ID: 63776  
Facility Name: CITY OF SAC - WELL 143  
Env Int Type Code: HMBP  
Program ID: 10223017  
Coord Name: Not reported  
Ref Point Type Desc: Unknown,  
Latitude: 38.622320  
Longitude: -121.447070

Affiliation:  
Affiliation Type Desc: CUPA District  
Entity Name: Sacramento County Environmental Management Departm  
Entity Title: Not reported  
Affiliation Address: 11080 WHITE ROCK ROAD, STE. 200  
Affiliation City: RANCHO CORDOVA  
Affiliation State: CA  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CITY OF SAC - WELL 143 (Continued)

S123533564

Affiliation Zip: 95670  
Affiliation Phone: (916) 875-8550,

Affiliation Type Desc: Document Preparer  
Entity Name: David Herrmann  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact  
Entity Name: Sharneel Kumar  
Entity Title: Not reported  
Affiliation Address: 915 I Street 4th Floor  
Affiliation City: Sacramento  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95814  
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 301 Water Street  
Affiliation City: SACRAMENTO  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95811  
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner  
Entity Name: City of Sacramento  
Entity Title: Not reported  
Affiliation Address: 1391 35th Avenue  
Affiliation City: Sacramento  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 95822  
Affiliation Phone: (916) 808-5652,

Affiliation Type Desc: Operator  
Entity Name: City of Sacramento  
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: (916) 808-5652,

Affiliation Type Desc: Parent Corporation  
Entity Name: CITY OF SAC - WELLS  
Entity Title: Not reported  
Affiliation Address: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CITY OF SAC - WELL 143 (Continued)**

**S123533564**

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: CITY OF SACRAMENTO  
 Entity Title: Not reported  
 Affiliation Address: 1391 35th Avenue  
 Affiliation City: SACRAMENTO  
 Affiliation State: CA  
 Affiliation Country: United States  
 Affiliation Zip: 95822  
 Affiliation Phone: (916) 808-1343,

Affiliation Type Desc: Identification Signer  
 Entity Name: David Herrmann  
 Entity Title: Water Production Superintendent  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: ,

**D32**  
**South**  
**1/8-1/4**  
**0.201 mi.**  
**1063 ft.**

**WELL 143**  
**3001 RIO LINDA BLVD**  
**SACRAMENTO, CA 95815**

**RCRA NonGen / NLR**    **1024873533**  
**CAL000442185**

**Site 2 of 2 in cluster D**

**Relative:**  
**Lower**  
**Actual:**  
**28 ft.**

RCRA Listings:  
 Date Form Received by Agency: 20190103  
 Handler Name: Well 143  
 Handler Address: 3001 RIO LINDA BLVD  
 Handler City,State,Zip: SACRAMENTO, CA 95815  
 EPA ID: CAL000442185  
 Contact Name: DAVID HERMANN  
 Contact Address: 301 WATER ST  
 Contact City,State,Zip: SACRAMENTO, CA 95811  
 Contact Telephone: 916-808-5652  
 Contact Fax: 916-808-4969  
 Contact Email: DHERMANN@CITYOFSACRAMENTO.ORG  
 Contact Title: Not reported  
 EPA Region: 09  
 Land Type: Not reported  
 Federal Waste Generator Description: Not a generator, verified  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: Not reported  
 State District: Not reported  
 Mailing Address: 301 WATER ST  
 Mailing City,State,Zip: SACRAMENTO, CA 95811  
 Owner Name: City Of Sacramento Dept Of Utilitie

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WELL 143 (Continued)**

**1024873533**

Owner Type:	Other
Operator Name:	David Hermann
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190222
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:	CITY OF SACRAMENTO DEPT OF UTILITIE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1395 35TH AVE
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95822
Owner/Operator Telephone:	916-808-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WELL 143 (Continued)**

**1024873533**

Owner/Operator Indicator: Operator  
Owner/Operator Name: DAVID HERMANN  
Legal Status: Other  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 301 WATER ST  
Owner/Operator City,State,Zip: SACRAMENTO, CA 95811  
Owner/Operator Telephone: 916-808-5652  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190103  
Handler Name: WELL 143  
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: 221310  
NAICS Description: WATER SUPPLY AND IRRIGATION SYSTEMS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

33  
NE  
1/8-1/4  
0.216 mi.  
1143 ft.

**MARIA SANTILLAN**  
**1015 RIVERA DRIVE**  
**SACRAMENTO, CA 95838**

**RCRA NonGen / NLR 1024767545**  
**CAC002987422**

**Relative:**  
**Higher**  
**Actual:**  
**34 ft.**

RCRA Listings:

Date Form Received by Agency: 20181031  
Handler Name: Maria Santillan  
Handler Address: 1015 RIVERA DRIVE  
Handler City,State,Zip: SACRAMENTO, CA 95838  
EPA ID: CAC002987422  
Contact Name: MARIA SANTILLAN  
Contact Address: 1015 RIVERA DRIVE  
Contact City,State,Zip: SACRAMENTO, CA 95838  
Contact Telephone: 510-861-1363  
Contact Fax: Not reported  
Contact Email: CAROLINA.NAVA@ATIRESTORATION.COM  
Contact Title: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARIA SANTILLAN (Continued)**

**1024767545**

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:	1015 RIVERA DRIVE
Mailing City,State,Zip:	SACRAMENTO, CA 95838
Owner Name:	Maria Santillan
Owner Type:	Other
Operator Name:	Maria Santillan
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARIA SANTILLAN (Continued)**

**1024767545**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARIA SANTILLAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1015 RIVERA DRIVE
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95838
Owner/Operator Telephone:	510-861-1363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARIA SANTILLAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1015 RIVERA DRIVE
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95838
Owner/Operator Telephone:	510-861-1363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181031
Handler Name:	MARIA SANTILLAN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found
-------------	---------------------

Evaluation Action Summary:

Evaluations:	No Evaluations Found
--------------	----------------------

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**34**  
**East**  
**1/2-1**  
**0.685 mi.**  
**3618 ft.**  
  
**Relative:**  
**Higher**  
  
**Actual:**  
**39 ft.**

**CLEANING CIRCUS**  
**3213 MARYSVILLE BOULEVARD**  
**SACRAMENTO, CA 95815**

**RCRA-SQG** **1000152637**  
**ENVIROSTOR** **CAD982011637**  
**FINDS**  
**ECHO**  
**Sacramento Co. ML**  
**CERS**  
**HWTS**

RCRA Listings:

Date Form Received by Agency:	19960901
Handler Name:	Cleaning Circus
Handler Address:	3213 MARYSVILLE BLVD
Handler City,State,Zip:	SACRAMENTO, CA 95815
EPA ID:	CAD982011637
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	1
Mailing Address:	MARYSVILLE BLVD
Mailing City,State,Zip:	SACRAMENTO, CA 95815
Owner Name:	Tine Sunada
Owner Type:	Private
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLEANING CIRCUS (Continued)**

**1000152637**

Environmental Control Indicator: No  
Institutional Control Indicator: No  
Human Exposure Controls Indicator: N/A  
Groundwater Controls Indicator: N/A  
Significant Non-Complier Universe: No  
Unaddressed Significant Non-Complier Universe: No  
Addressed Significant Non-Complier Universe: No  
Significant Non-Complier With a Compliance Schedule Universe: No  
Financial Assurance Required: Not reported  
Handler Date of Last Change: 20000915  
Recognized Trader-Importer: No  
Recognized Trader-Exporter: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: Not reported  
Manifest Broker: Not reported  
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner  
Owner/Operator Name: TINE SUNADA  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999  
Owner/Operator Telephone: 415-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: NOT REQUIRED  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999  
Owner/Operator Telephone: 415-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901  
Handler Name: CLEANING CIRCUS  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CLEANING CIRCUS (Continued)**

**1000152637**

Electronic Manifest Broker:	Not reported
List of NAICS Codes and Descriptions:	
NAICS Codes:	No NAICS Codes Found
Has the Facility Received Notices of Violations:	
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
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:	19910926
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLEANING CIRCUS (Continued)**

1000152637

Former Citation: Not reported

**ENVIROSTOR:**

Name: CHRIS CLEANERS (INACTIVE #323)  
Address: 3213 MARYSVILLE BLVD.  
City,State,Zip: SACRAMENTO, CA 95815  
Facility ID: 34720063  
Status: Refer: Other Agency  
Status Date: 11/16/1994  
Site Code: Not reported  
Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Sacramento  
Assembly: 07  
Senate: 06  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 38.62583  
Longitude: -121.4327  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CLEANING CIRCUS.  
Alias Type: Alternate Name  
Alias Name: PAL-PEN CHEM CO.  
Alias Type: Alternate Name  
Alias Name: 34720063  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 03/12/1981  
Comments: FACILITY IDENTIFIED INACTIVE SITE LIST #323. RATIONALE FOR NO FURTHER ACTION: NO PROBLEM BASED ON DRIVE BY.

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLEANING CIRCUS (Continued)**

**1000152637**

**FINDS:**

Registry ID: 110012429167

[Click Here for FRS Facility Detail Report:](#)

**Environmental Interest/Information System:**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.  
HAZARDOUS AIR POLLUTANT MAJOR

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1000152637  
Registry ID: 110012429167  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110012429167>  
Name: CLEANING CIRCUS  
Address: 3213 MARYSVILLE BOULEVARD  
City,State,Zip: SACRAMENTO, CA 95815

**Sacramento Co. ML:**

Name: CLEANING CIRCUS  
Address: 3213 MARYSVILLE BLVD  
City,State,Zip: SACRAMENTO, CA 95815  
Facility Id: Not reported  
Facility Status: Not reported  
FD: Not reported  
Billing Codes BP: |  
Billing Codes UST: Not reported  
WG Bill Code: |  
Target Property Bill Cod: Not reported  
Food Bill Code: Not reported  
CUPA Permit Date: Not reported  
HAZMAT Permit Date: Not reported  
HAZMAT Inspection Date: Not reported  
Hazmat Date BP Received: Not reported  
UST Permit Dt: Not reported  
UST Inspection Date: Not reported  
UST Tank Test Date: Not reported  
Number of Tanks: Not reported  
UST Tank Test Date: Not reported  
SIC Code: Not reported  
Tier Permitting: Not reported  
AST Bill Code: Not reported  
CALARP Bill Code: Not reported

**CERS:**

Name: CLEANING CIRCUS  
Address: 3213 MARYSVILLE BOULEVARD  
City,State,Zip: SACRAMENTO, CA 95815-1410  
Site ID: 461184  
CERS ID: 110012429167

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLEANING CIRCUS (Continued)**

**1000152637**

CERS Description: US EPA Air Emission Inventory System (EIS)

HWTS:

Name: CLEANING CIRCUS  
Address: 3213 MARYSVILLE BLVD  
Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
EPA ID: CAD982011637  
Inactive Date: 06/30/2003  
Create Date: 03/01/1988  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: 3171 DOROTEO WAY  
Mailing Address 2: Not reported  
Mailing City,State,Zip: SACRAMENTO, CA 958330000  
Owner Name: SUKY WATKINS  
Owner Address: 3213 MARYSVILLE BLVD  
Owner Address 2: Not reported  
Owner City,State,Zip: SACRAMENTO, CA  
Contact Name: SUKY WATKINS (OWNER)  
Contact Address: 3213 MARYSVILLE BLVD  
Contact Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 958150000  
Facility Status: Inactive  
Facility Type: PERMANENT  
Category: STATE  
Latitude: 38.625705  
Longitude: -121.43292

Name: CLEANING CIRCUS  
Address: 3213 MARYSVILLE BLVD  
Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
EPA ID: CAC002567649  
Inactive Date: 01/12/2004  
Create Date: 07/15/2003  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: 3213 MARYSVILLE BLVD  
Mailing Address 2: Not reported  
Mailing City,State,Zip: SACRAMENTO, CA 95815  
Owner Name: ALVIN THAO  
Owner Address: 3213 MARYSVILLE BLVD  
Owner Address 2: Not reported  
Owner City,State,Zip: SACRAMENTO, CA 95815  
Contact Name: ALVIN THAO  
Contact Address: 3213 MARYSVILLE BLVD  
Contact Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
Facility Status: Inactive  
Facility Type: TEMPORARY  
Category: STATE  
Latitude: 38.625837  
Longitude: -121.433022

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

35  
NNW  
1/2-1  
0.733 mi.  
3870 ft.

**DEL PASO HEIGHTS ES ORG - PORTABLE REPLACEMENT BUI**  
**590 MOREY AVENUE**  
**SACRAMENTO, CA 95838**

**ENVIROSTOR**  
**SCH**  
**CIWQS**

**S103665850**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**42 ft.**

**ENVIROSTOR:**

Name: DEL PASO HEIGHTS ES ORG - PORTABLE REPLACEMENT BUILDING  
Address: 590 MOREY AVENUE  
City,State,Zip: SACRAMENTO, CA 95838  
Facility ID: 60001467  
Status: Inactive - Needs Evaluation  
Status Date: 08/03/2011  
Site Code: 104695  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 4.38  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Mary Gaspari  
Supervisor: Juan Koponen  
Division Branch: Northern California Schools & Santa Susana  
Assembly: 07  
Senate: 06  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 38.63436  
Longitude: -121.4531  
APN: 250-0101-010, 250-0101-011  
Past Use: SCHOOL - ELEMENTARY  
Potential COC: Under Investigation Chlordane DDD DDE DDT Endrin Lead  
Polychlorinated biphenyls (PCBs)  
Confirmed COC: 30004-NO 30013-NO 30006-NO 30007-NO 30008-NO 30010-NO 30018-NO Under  
Investigation  
Potential Description: SOIL, UE  
Alias Name: 250-0101-010  
Alias Type: APN  
Alias Name: 250-0101-011  
Alias Type: APN  
Alias Name: 104695  
Alias Type: Project Code (Site Code)  
Alias Name: 60001467  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 08/05/2011  
Comments: DTSC sent a CRU to accounting to finalize and summarize costs for the  
project

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEL PASO HEIGHTS ES ORG - PORTABLE REPLACEMENT BUILDING (Continued)**

**S103665850**

Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

SCH:

Name: DEL PASO HEIGHTS ES ORG - PORTABLE REPLACEMENT BUILDING  
Address: 590 MOREY AVENUE  
City,State,Zip: SACRAMENTO, CA 95838  
Facility ID: 60001467  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 4.38  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Mary Gaspari  
Supervisor: Juan Koponen  
Division Branch: Northern California Schools & Santa Susana  
Site Code: 104695  
Assembly: 07  
Senate: 06  
Special Program Status: Not reported  
Status: Inactive - Needs Evaluation  
Status Date: 08/03/2011  
Restricted Use: NO  
Funding: School District  
Latitude: 38.63436  
Longitude: -121.4531  
APN: 250-0101-010, 250-0101-011  
Past Use: SCHOOL - ELEMENTARY  
Potential COC: Under Investigation, Chlordane, DDD, DDE, DDT, Endrin, Lead, Polychlorinated biphenyls (PCBs)  
Confirmed COC: 30004-NO, 30013-NO, 30006-NO, 30007-NO, 30008-NO, 30010-NO, 30018-NO, Under Investigation  
Potential Description: SOIL, UE  
Alias Name: 250-0101-010  
Alias Type: APN  
Alias Name: 250-0101-011  
Alias Type: APN  
Alias Name: 104695  
Alias Type: Project Code (Site Code)  
Alias Name: 60001467  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 08/05/2011  
Comments: DTSC sent a CRU to accounting to finalize and summarize costs for the project

Future Area Name: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DEL PASO HEIGHTS ES ORG - PORTABLE REPLACEMENT BUILDING (Continued)**

**S103665850**

Future Sub Area Name: Not reported  
 Future Document Type: Not reported  
 Future Due Date: Not reported  
 Schedule Area Name: Not reported  
 Schedule Sub Area Name: Not reported  
 Schedule Document Type: Not reported  
 Schedule Due Date: Not reported  
 Schedule Revised Date: Not reported

**CIWQS:**

Name: DEL PASO HEIGHTS ELEMENTARY SCHOOL  
 Address: 590 MOREY AVENUE  
 City,State,Zip: DEL PASO HEIGHTS, CA 95838  
 Agency: Twin Rivers Unified School District  
 Agency Address: 3222 Winona Way Suite 201, North Highlands, CA 95660  
 Place/Project Type: Construction - Other: School Improvement Project  
 SIC/NAICS: Not reported  
 Region: 5S  
 Program: CONSTW  
 Regulatory Measure Status: Terminated  
 Regulatory Measure Type: Storm water construction  
 Order Number: 2009-0009-DWQ  
 WDID: 5S34C361421  
 NPDES Number: CAS000002  
 Adoption Date: Not reported  
 Effective Date: 07/12/2011  
 Termination Date: 10/25/2012  
 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: 38.63458  
 Longitude: -121.45284

**36**  
**SE**  
**1/2-1**  
**0.902 mi.**  
**4760 ft.**  
  
**Relative:**  
**Higher**  
  
**Actual:**  
**41 ft.**

**7UP BOTTLING FACILITY**  
**2670 LAND AVE**  
**SACRAMENTO, CA 95815**

**ENVIROSTOR** **S104539508**  
**SWF/LF** **N/A**  
**LUST**  
**CPS-SLIC**  
**VCP**  
**DEED**  
**HAZNET**  
**CERS**  
**HWTS**

**ENVIROSTOR:**

Name: 7UP BOTTLING FACILITY  
 Address: 2670 LAND AVE  
 City,State,Zip: SACRAMENTO, CA 95815  
 Facility ID: 60000509  
 Status: Certified O&M - Land Use Restrictions Only  
 Status Date: 09/09/2010  
 Site Code: 101798  
 Site Type: Voluntary Cleanup  
 Site Type Detailed: Voluntary Agreement

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Acres: 13  
NPL: NO  
Regulatory Agencies: SMBRP, SACRAMENTO COUNTY  
Lead Agency: SMBRP  
Program Manager: Kenneth Gath  
Supervisor: Fernando Amador  
Division Branch: Cleanup Sacramento  
Assembly: 07  
Senate: 06  
Special Program: Voluntary Agreement - Standard Voluntary Agreement  
Restricted Use: YES  
Site Mgmt Req: NONE SPECIFIED  
Funding: Responsible Party  
Latitude: 38.61591  
Longitude: -121.4334  
APN: 26502800440000  
Past Use: ILLEGAL DUMPING  
Potential COC: Chlordane Lead TPH-diesel  
Confirmed COC: TPH-diesel Chlordane Lead  
Potential Description: SOIL  
Alias Name: 26502800440000  
Alias Type: APN  
Alias Name: 110013983403  
Alias Type: EPA (FRS #)  
Alias Name: 110033612981  
Alias Type: EPA (FRS #)  
Alias Name: T0606793623  
Alias Type: GeoTracker Global ID  
Alias Name: 101798  
Alias Type: Project Code (Site Code)  
Alias Name: 60000509  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 09/08/2009  
Comments: CEQA was public Noticed along with RAW. Sent to Gunther to process.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction  
Completed Date: 04/26/2010  
Comments: LUC limiting activities to commercial/industrial recorded 4/27/2010.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Standard Voluntary Agreement  
Completed Date: 11/30/2006  
Comments: VCA completed on 30 november 2006

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 11/06/2009  
Comments: Fieldwork Completed.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Workplan  
Completed Date: 01/06/2009  
Comments: Report summarizing results of hot spot delineation

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 07/06/2009  
Comments: RAW is draft final and going out for public comment

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction Monitoring Report  
Completed Date: 03/04/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction Monitoring Report  
Completed Date: 03/03/2017  
Comments: Inspection received, sent out acceptance letter

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction Monitoring Report  
Completed Date: 08/15/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction Monitoring Report  
Completed Date: 02/03/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 01/20/2021  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 08/12/2008  
Comments: Document accepted.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Risk Assessment Report  
Completed Date: 09/09/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Completed Date: 03/06/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 04/14/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Land Use Restriction Monitoring Report  
Completed Date: 02/20/2013  
Comments: Completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 02/20/2007  
Comments: A further action determination letter and VCA Amendment was sent out on 20 February, 2007. Review included all reports concerning the previous investigation and removal of illegal landfill.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 07/08/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 03/10/2010  
Comments: All required remedial actions have been completed at the site. Activities included excavation and transport of contaminated soil to an approved landfill. Confirmation samples of the excavation walls were taken and analyzed. After confirmation showed that cleanup levels had been met, the excavation were backfilled with clean fill, graded, compacted and covered with asphalt for a parking lot.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 05/12/2010  
Comments: Memo sent to Billing

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Land Use Restriction Monitoring Report  
Completed Date: 03/14/2011  
Comments: Received 2011 Inspection Report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 05/03/2010  
Comments: 7UP Certified

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Land Use Restriction Monitoring Report  
Completed Date: 02/21/2012  
Comments: Not reported

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: 5 Year Review Reports  
Future Due Date: 2025  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**SWF/LF (SWIS):**

Name: DEL PASO DUMP (TAYLOR)  
Address: 2670 LAND AVENUE  
City,State,Zip: DEL PASO HEIGHTS (IN SACRAMENTO), CA 95815  
Region: STATE  
Facility ID: 34-CR-5016  
SWIS Number: 34-CR-5016  
Point of Contact: Dawn Liang  
Is Archived: Yes  
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: C1  
EPA Federal Registry ID: Not reported  
ARB District: Sacramento Metro  
SWRCB Region: Central Valley  
Local Government: Sacramento County (Unincorporated)  
Reporting Agency Legal Name: County of Sacramento  
Reporting Agency Department: Environmental Management Department, Environmental Compliance Division  
Enforcing Agency Legal Name: County of Sacramento  
Enforcing Agency Department: Environmental Management Department, Environmental Compliance Division  
Regulation Status: Pre-regulation

**Owner:**

SWIS Number: 34-CR-5016  
Owner: Tonkin Corporation  
Owner Address: 2670 Land Ave  
Owner City: Sacramento  
Owner State: CA  
Owner Zip: 95815  
Site Name: Del Paso Dump (Taylor)  
Site Operational Status: Closed  
Site Type: Disposal Only  
Site Regulatory Status: Pre-regulation  
Latitude: 38.6165  
Longitude: -121.43333  
Is Archived: Yes  
Started On: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Contact Name: Not reported  
Contact Title: Not reported  
Contact Email: Not reported  
Contact Phone: (916) 929-7777

**LUST REG 5:**

Name: 7- UP BOTTLING COMPANY  
Address: 2670 LAND AVE  
City: SACRAMENTO  
Region: 5  
Status: Leak being confirmed  
Case Number: 341313  
Case Type: Soil only  
Substance: DIESEL  
Staff Initials: VJF  
Lead Agency: LJC  
Program: LOCNL  
MTBE Code: N/A

**CPS-SLIC:**

Name: 7- UP BOTTLING COMPANY  
Address: 2670 LAND AVE  
City,State,Zip: SACRAMENTO, CA 95815  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 05/17/2010  
Global Id: T0606793623  
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL  
Lead Agency Case Number: F515  
Latitude: 38.616022  
Longitude: -121.434388  
Case Type: Cleanup Program Site  
Case Worker: Not reported  
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL  
RB Case Number: 341313  
File Location: Local Agency  
Potential Media Affected: Soil  
Potential Contaminants of Concern: Diesel  
Site History: DTSC Lead site. See case information presented in Envirostor for more information. <http://www.envirostor.dtsc.ca.gov> The site has historically been used as a brick manufacturing facility and for pesticide production. A illegal landfill was discovered on the property and was partially remediated. Currently, the site is being used as a bottling facility for 7UP.

Click here to access the California GeoTracker records for this facility:

**VCP:**

Name: 7UP BOTTLING FACILITY  
Address: 2670 LAND AVE  
City,State,Zip: SACRAMENTO, CA 95815  
Facility ID: 60000509  
Site Type: Voluntary Cleanup  
Site Type Detail: Voluntary Agreement  
Site Mgmt. Req.: NONE SPECIFIED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Acres: 13  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP, SACRAMENTO COUNTY  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Kenneth Gath  
Supervisor: Fernando Amador  
Division Branch: Cleanup Sacramento  
Site Code: 101798  
Assembly: 07  
Senate: 06  
Special Programs Code: Voluntary Agreement - Standard Voluntary Agreement  
Status: Certified O&M - Land Use Restrictions Only  
Status Date: 09/09/2010  
Restricted Use: YES  
Funding: Responsible Party  
Lat/Long: 38.61591 / -121.4334  
APN: 26502800440000  
Past Use: ILLEGAL DUMPING  
Potential COC: 30004, 30013, 30024  
Confirmed COC: 30024,30004,30013  
Potential Description: SOIL  
Alias Name: 26502800440000  
Alias Type: APN  
Alias Name: 110013983403  
Alias Type: EPA (FRS #)  
Alias Name: 110033612981  
Alias Type: EPA (FRS #)  
Alias Name: T0606793623  
Alias Type: GeoTracker Global ID  
Alias Name: 101798  
Alias Type: Project Code (Site Code)  
Alias Name: 60000509  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 09/08/2009  
Comments: CEQA was public Noticed along with RAW. Sent to Gunther to process.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction  
Completed Date: 04/26/2010  
Comments: LUC limiting activities to commercial/industrial recorded 4/27/2010.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Standard Voluntary Agreement  
Completed Date: 11/30/2006  
Comments: VCA completed on 30 november 2006

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 11/06/2009



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Comments: Fieldwork Completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Workplan  
Completed Date: 01/06/2009  
Comments: Report summarizing results of hot spot delineation

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 07/06/2009  
Comments: RAW is draft final and going out for public comment

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction Monitoring Report  
Completed Date: 03/04/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction Monitoring Report  
Completed Date: 03/03/2017  
Comments: Inspection received, sent out acceptance letter

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction Monitoring Report  
Completed Date: 08/15/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction Monitoring Report  
Completed Date: 02/03/2020  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 01/20/2021  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 08/12/2008  
Comments: Document accepted.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Risk Assessment Report  
Completed Date: 09/09/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/06/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 04/14/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Land Use Restriction Monitoring Report  
Completed Date: 02/20/2013  
Comments: Completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 02/20/2007  
Comments: A further action determination letter and VCA Amendment was sent out on 20 February, 2007. Review included all reports concerning the previous investigation and removal of illegal landfill.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 07/08/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 03/10/2010  
Comments: All required remedial actions have been completed at the site. Activities included excavation and transport of contaminated soil to an approved landfill. Confirmation samples of the excavation walls were taken and analyzed. After confirmation showed that cleanup levels had been met, the excavation were backfilled with clean fill, graded, compacted and covered with asphalt for a parking lot.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 05/12/2010  
Comments: Memo sent to Billing

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Land Use Restriction Monitoring Report  
Completed Date: 03/14/2011  
Comments: Received 2011 Inspection Report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Completed Date: 05/03/2010  
Comments: 7UP Certified

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Land Use Restriction Monitoring Report  
Completed Date: 02/21/2012  
Comments: Not reported

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: 5 Year Review Reports  
Future Due Date: 2025  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**DEED:**

Name: 7UP BOTTLING FACILITY  
Address: 2670 LAND AVE  
City,State,Zip: SACRAMENTO, CA 95815  
Envirostor ID: 60000509  
Area: PROJECT WIDE  
Sub Area: Not reported  
Site Type: VOLUNTARY CLEANUP  
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY  
Agency: Not reported  
Covenant Uploaded: Not reported  
Deed Date(s): Not reported  
File Name: Envirostor Land Use Restrictions

**HAZNET:**

Name: THE AMERICAN BOTTLING COMPANY  
Address: 2670 LAND AVE  
Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
Contact: JASON ESPINOSA  
Telephone: 3235144516  
Mailing Name: Not reported  
Mailing Address: 3220 E 26TH ST

Year: 2021  
Gepaid: CAD982391393  
TSD EPA ID: NVT330010000  
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: 0.0975

Year: 2021  
Gepaid: CAD982391393  
TSD EPA ID: CAL000282598  
CA Waste Code: 223 - Unspecified oil-containing waste  
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

7UP BOTTLING FACILITY (Continued)

S104539508

Tons:	Treatment/Reovery (H010-H129) Or (H131-H135) 4.4412
Year:	2021
Gepaid:	CAD982391393
TSD EPA ID:	NVT330010000
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.22936
Year:	2021
Gepaid:	CAD982391393
TSD EPA ID:	AZR000515924
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:	0.26255
Year:	2021
Gepaid:	CAD982391393
TSD EPA ID:	AZR000515924
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.1875
Year:	2020
Gepaid:	CAD982391393
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:	0.33361
Year:	2020
Gepaid:	CAD982391393
TSD EPA ID:	AZR000515924
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:	0.2275
Year:	2020
Gepaid:	CAD982391393
TSD EPA ID:	NVT330010000
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	1.16743
Year:	2020
Gepaid:	CAD982391393
TSD EPA ID:	NVT330010000
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Tons: 0.1875  
  
Year: 2020  
Gepaid: CAD982391393  
TSD EPA ID: CAD044429835  
CA Waste Code: 352 - Other organic solids  
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Tons: 0.0125

[Click this hyperlink](#) while viewing on your computer to access  
4 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 2021  
Gen EPA ID: CAD982391393

Shipment Date: 8/25/2020  
Creation Date: 9/16/2020  
Receipt Date: 9/9/2020  
Manifest ID: 017773566JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAD097030993  
Trans Name: US ECOLOGY VERNON 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: 0.1  
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: 7/8/2020  
Creation Date: 7/27/2020  
Receipt Date: 7/20/2020  
Manifest ID: 017680490JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAD097030993  
Trans Name: US ECOLOGY VERNON INC  
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

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

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: 5/5/2020  
Creation Date: 6/9/2020  
Receipt Date: 5/20/2020  
Manifest ID: 017682158JJK  
Trans EPA ID: CAD028277036  
Trans Name: Asbury Environmental Services  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD044429835  
Trans Name: Clean Harbors Wilmington LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 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: 0.0125  
Waste Quantity: 25  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 5/5/2020  
Creation Date: 6/9/2020  
Receipt Date: 5/20/2020  
Manifest ID: 017682158JJK  
Trans EPA ID: CAD028277036  
Trans Name: Asbury Environmental Services  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD044429835  
Trans Name: Clean Harbors Wilmington LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 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: 0.33361  
Waste Quantity: 80  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 5/5/2020  
Creation Date: 5/28/2020  
Receipt Date: 5/20/2020  
Manifest ID: 017682160JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: US ECOLOGY VERNON 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: 5/5/2020  
Creation Date: 6/4/2020  
Receipt Date: 5/15/2020  
Manifest ID: 017682161JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD008252405  
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 343 - Unspecified organic liquid mixture  
RCRA Code: D001  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site

Quantity Tons: 0.0068  
Waste Quantity: 2  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 2/10/2020  
Creation Date: 3/30/2020  
Receipt Date: 2/21/2020  
Manifest ID: 020062535JJK

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDf EPA ID:	AZR000515924
Trans Name:	YUMA YES WASTE TRANSFER FACILITY
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:	0.14
Waste Quantity:	280
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:	11/20/2020
Creation Date:	12/9/2020
Receipt Date:	12/3/2020
Manifest ID:	021764057JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA, 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:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.20851
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	11/20/2020
Creation Date:	12/9/2020
Receipt Date:	12/3/2020
Manifest ID:	021764057JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA, INC
TSDf Alt EPA ID:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.20851
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	11/20/2020
Creation Date:	12/9/2020
Receipt Date:	12/3/2020
Manifest ID:	021764057JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA, INC
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:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1875
Waste Quantity:	375
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:	2020
Gen EPA ID:	CAD982391393
Shipment Date:	8/25/2020
Creation Date:	9/16/2020
Receipt Date:	9/9/2020
Manifest ID:	017773566JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON INC
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

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

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:	7/8/2020
Creation Date:	7/27/2020
Receipt Date:	7/20/2020
Manifest ID:	017680490JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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:	5/5/2020
Creation Date:	5/28/2020
Receipt Date:	5/20/2020
Manifest ID:	017682160JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	5/5/2020
Creation Date:	6/9/2020
Receipt Date:	5/20/2020
Manifest ID:	017682158JJK
Trans EPA ID:	CAD028277036
Trans Name:	Asbury Environmental Services
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Clean Harbors Wilmington LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	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:	0.33361
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	5/5/2020
Creation Date:	6/9/2020
Receipt Date:	5/20/2020
Manifest ID:	017682158JJK
Trans EPA ID:	CAD028277036
Trans Name:	Asbury Environmental Services
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	Clean Harbors Wilmington LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	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:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	5/5/2020
Creation Date:	6/4/2020
Receipt Date:	5/15/2020

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Manifest ID:	017682161JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0068
Waste Quantity:	2
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	2/10/2020
Creation Date:	3/30/2020
Receipt Date:	2/21/2020
Manifest ID:	020062535JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	AZR000515924
Trans Name:	YUMA YES WASTE TRANSFER FACILITY
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:	0.14
Waste Quantity:	280
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:	11/20/2020
Creation Date:	1/15/2021
Receipt Date:	12/3/2020
Manifest ID:	021764060JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA, INC
TSDF Alt EPA ID:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

TSDF Alt Name:	Not reported
Waste Code Description:	791,792 - Not reported
RCRA Code:	D002
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.1625
Waste Quantity:	325
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:	11/20/2020
Creation Date:	12/9/2020
Receipt Date:	12/3/2020
Manifest ID:	021764057JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA, 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:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.20851
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	11/20/2020
Creation Date:	12/9/2020
Receipt Date:	12/3/2020
Manifest ID:	021764057JJK
Trans EPA ID:	CAR000171017
Trans Name:	FREMOUW ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA, 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:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.20851
Waste Quantity:	50

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Detail Two:

Year: 2020  
EM Manifest ID: 1137179  
Shipment Date: 2/10/2020  
Receipt Date: 2/21/2020  
Manifest Number: 020062535JJK  
Generator EPA ID: CAD982391393  
Name: THE AMERICAN BOTTLING COMPANY  
Address: 2670 LAND AVE.  
Address 2: Not reported  
City: SACRAMENTO  
Zip: 95815  
Telephone: 800-424-9300  
Contact: Not reported  
Contact Telephone: 916-929-7777  
Transporter 1 EPA ID: CAR000171017  
Transporter 1 Emergency Number: Not reported  
Transporter 2 EPA ID: CAR000175422  
Transporter 2 Emergency Number: Not reported  
TSDf EPA ID: AZR000515924  
TSDf Name: YUMA YES WASTE TRANSFER FACILITY  
TSDf Address 1: 2730 E 13TH ST  
TSDf Address 2: Not reported  
TSDf City: YUMA  
TSDf Zip: 85365-1901  
TSDf Telephone: Not reported

State:

Year: 2020  
EM Manifest ID: 1137179  
Generator EPA ID: CAD982391393  
Shipment Date: 2020-02-10  
Manifest Number: 020062535JJK  
Line Number: 1  
Method Code: H141  
Quantity Tons: 0.14000  
Quantity Waste: 280.000000  
Quantity Unit: P  
Number of Containers: 2  
Type of Container: Metal drums, barrels, kegs  
Quantity Type: Pounds  
State Code: 223

Year: 2020  
EM Manifest ID: 963ca588-3a1c-430f-94ff-a1d19219224f  
Shipment Date: 11/20/2020  
Receipt Date: 12/3/2020  
Manifest Number: 021764057JJK  
Generator EPA ID: CAD982391393

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Name: THE AMERICAN BOTTLING COMPANY  
Address: LAND AVE.  
Address 2: Not reported  
City: SACRAMENTO  
Zip: 95815  
Telephone: 800-424-9300  
Contact: Not reported  
Contact Telephone: 800-424-9300  
Transporter 1 EPA ID: CAR000171017  
Transporter 1 Emergency Number: Not reported  
Transporter 2 EPA ID: CAR000175422  
Transporter 2 Emergency Number: Not reported  
TSDF EPA ID: NVT330010000  
TSDF Name: US ECOLOGY NEVADA, INC  
TSDF Address 1: HWY 95 11 MI S OF BEATTY  
TSDF Address 2: Not reported  
TSDF City: BEATTY  
TSDF Zip: 89003  
TSDF Telephone: 800-839-3975

State:

Year: 2020  
EM Manifest ID: 963ca588-3a1c-430f-94ff-a1d19219224f  
Generator EPA ID: CAD982391393  
Shipment Date: 2020-11-20  
Manifest Number: 021764057JJK  
Line Number: 1  
Method Code: H039  
Quantity Tons: 0.20850  
Quantity Waste: 50.000000  
Quantity Unit: G  
Number of Containers: 1  
Type of Container: Metal drums, barrels, kegs  
Quantity Type: Gallons  
State Code: 741

Year: 2020  
EM Manifest ID: 963ca588-3a1c-430f-94ff-a1d19219224f  
Generator EPA ID: CAD982391393  
Shipment Date: 2020-11-20  
Manifest Number: 021764057JJK  
Line Number: 2  
Method Code: H039  
Quantity Tons: 0.20850  
Quantity Waste: 50.000000  
Quantity Unit: G  
Number of Containers: 1  
Type of Container: Fiberboard or plastic drums, barrels, kegs  
Quantity Type: Gallons  
State Code: 741

Year: 2020  
EM Manifest ID: 963ca588-3a1c-430f-94ff-a1d19219224f  
Generator EPA ID: CAD982391393  
Shipment Date: 2020-11-20  
Manifest Number: 021764057JJK  
Line Number: 3  
Method Code: H132

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Quantity Tons:	0.18750
Quantity Waste:	375.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	223
Year:	2020
EM Manifest ID:	7b4a4f3f-f0a9-4528-8fed-a4f812b417c8
Shipment Date:	11/13/2020
Receipt Date:	11/25/2020
Manifest Number:	021764029JJK
Generator EPA ID:	CAD982391393
Name:	THE AMERICAN BOTTLING COMPANY
Address:	2670 LAND AVE.
Address 2:	Not reported
City:	SACRAMENTO
Zip:	95815
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	916-929-7777
Transporter 1 EPA ID:	CAR000171017
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter 2 Emergency Number:	Not reported
TSDf EPA ID:	AZR000515924
TSDf Name:	YUMA YES WASTE TRANSFER FACILITY
TSDf Address 1:	2730 E 13TH ST
TSDf Address 2:	Not reported
TSDf City:	YUMA
TSDf Zip:	85365
TSDf Telephone:	Not reported
State:	
Year:	2020
EM Manifest ID:	7b4a4f3f-f0a9-4528-8fed-a4f812b417c8
Generator EPA ID:	CAD982391393
Shipment Date:	2020-11-13
Manifest Number:	021764029JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.08750
Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	223
Year:	2020
EM Manifest ID:	1c151d6b-2eb6-4724-a3a5-17de00681e4a
Shipment Date:	11/10/2020
Receipt Date:	11/25/2020
Manifest Number:	021762841JJK
Generator EPA ID:	CAD982391393



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Name: THE AMERICAN BOTTLING COMPANY  
Address: LAND AVE.  
Address 2: Not reported  
City: SACRAMENTO  
Zip: 95815  
Telephone: 800-424-9300  
Contact: Not reported  
Contact Telephone: 800-424-9300  
Transporter 1 EPA ID: CAR000171017  
Transporter 1 Emergency Number: Not reported  
Transporter 2 EPA ID: CAR000175422  
Transporter 2 Emergency Number: Not reported  
TSDF EPA ID: NVT330010000  
TSDF Name: US ECOLOGY NEVADA, INC  
TSDF Address 1: HWY 95 11 MI S OF BEATTY  
TSDF Address 2: Not reported  
TSDF City: BEATTY  
TSDF Zip: 89003  
TSDF Telephone: 800-839-3975

Federal:

Year: 2020  
EM Manifest ID: 1c151d6b-2eb6-4724-a3a5-17de00681e4a  
Generator EPA ID: CAD982391393  
Shipment Date: 2020-11-10  
Manifest Number: 021762841JJK  
Line Number: 1  
Method Code: H039  
Quantity Tons: 0.91740  
Quantity Waste: 220.000000  
Quantity Unit: G  
Number of Containers: 4  
Type of Container: Fiberboard or plastic drums, barrels, kegs  
Quantity Type: Gallons  
Federal Code: D002

Year: 2020  
EM Manifest ID: 1c151d6b-2eb6-4724-a3a5-17de00681e4a  
Generator EPA ID: CAD982391393  
Shipment Date: 2020-11-10  
Manifest Number: 021762841JJK  
Line Number: 2  
Method Code: H039  
Quantity Tons: 0.08750  
Quantity Waste: 175.000000  
Quantity Unit: P  
Number of Containers: 1  
Type of Container: Fiberboard or plastic drums, barrels, kegs  
Quantity Type: Pounds  
Federal Code: D002

State:

Year: 2020  
EM Manifest ID: 1c151d6b-2eb6-4724-a3a5-17de00681e4a  
Generator EPA ID: CAD982391393  
Shipment Date: 2020-11-10  
Manifest Number: 021762841JJK

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Line Number:	1
Method Code:	H039
Quantity Tons:	0.91740
Quantity Waste:	220.000000
Quantity Unit:	G
Number of Containers:	4
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Gallons
State Code:	791
Year:	2020
EM Manifest ID:	1c151d6b-2eb6-4724-a3a5-17de00681e4a
Generator EPA ID:	CAD982391393
Shipment Date:	2020-11-10
Manifest Number:	021762841JJK
Line Number:	1
Method Code:	H039
Quantity Tons:	0.91740
Quantity Waste:	220.000000
Quantity Unit:	G
Number of Containers:	4
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Gallons
State Code:	792
Year:	2020
EM Manifest ID:	1c151d6b-2eb6-4724-a3a5-17de00681e4a
Generator EPA ID:	CAD982391393
Shipment Date:	2020-11-10
Manifest Number:	021762841JJK
Line Number:	2
Method Code:	H039
Quantity Tons:	0.08750
Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	791
Year:	2020
EM Manifest ID:	1c151d6b-2eb6-4724-a3a5-17de00681e4a
Generator EPA ID:	CAD982391393
Shipment Date:	2020-11-10
Manifest Number:	021762841JJK
Line Number:	2
Method Code:	H039
Quantity Tons:	0.08750
Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Additional Info:

Year:	2015
Gen EPA ID:	CAC002793932
Shipment Date:	20150218
Creation Date:	6/26/2015 22:16:07
Receipt Date:	20150302
Manifest ID:	012890780JJK
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS OF SAN JOSE
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.273
Waste Quantity:	65
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150218
Creation Date:	6/26/2015 22:16:07
Receipt Date:	20150302
Manifest ID:	012890780JJK
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS OF SAN JOSE
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name: DEL PASO DUMP (TAYLOR)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Address: 2670 LAND AVE  
City,State,Zip: SACRAMENTO, CA 95815  
Site ID: 464135  
CERS ID: 110013983403  
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: 7- UP BOTTLING COMPANY  
Address: 2670 LAND AVE  
City,State,Zip: SACRAMENTO, CA 95815  
Site ID: 231517  
CERS ID: T0606793623  
CERS Description: Cleanup Program Site

Affiliation:  
Affiliation Type Desc: Regional Board Caseworker  
Entity Name: zzz - CENTRAL VALLEY RWQCB (REGION 5S)  
Entity Title: Not reported  
Affiliation Address: 11020 SUN CENTER DRIVE #200  
Affiliation City: RANCHO CORDOVA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

HWTS:  
Name: THE AMERICAN BOTTLING COMPANY  
Address: 2670 LAND AVE  
Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
EPA ID: CAD982391393  
Inactive Date: Not reported  
Create Date: 05/20/1991  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: 3220 E 26TH ST  
Mailing Address 2: Not reported  
Mailing City,State,Zip: VERNON, CA 95815  
Owner Name: THE AMERICAN BOTTLING COMPANY  
Owner Address: 3220 E 26TH ST  
Owner Address 2: Not reported  
Owner City,State,Zip: VERNON, CA 95815  
Contact Name: JASON ESPINOSA  
Contact Address: 3220 E 26TH ST.  
Contact Address 2: Not reported  
City,State,Zip: VERNON, CA 90058  
Facility Status: Active  
Facility Type: PERMANENT  
Category: FEDERAL  
Latitude: 38.616144  
Longitude: -121.434571

NAICS:  
EPA ID: CAD982391393  
Create Date: 2005-09-27 15:01:35.000  
NAICS Code: 312111  
NAICS Description: Soft Drink Manufacturing  
Issued EPA ID Date: 1991-05-20 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7UP BOTTLING FACILITY (Continued)**

**S104539508**

Inactive Date: Not reported  
Facility Name: THE AMERICAN BOTTLING COMPANY  
Facility Address: 2670 LAND AVE  
Facility Address 2: Not reported  
Facility City: SACRAMENTO  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 95815

Name: NALCO COMPANY  
Address: 2670 LAND AVE  
Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
EPA ID: CAC002793932  
Inactive Date: 02/17/2015  
Create Date: 11/18/2014  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 7495  
Mailing Address 2: Not reported  
Mailing City,State,Zip: BROOMFIELD, CO 800210025  
Owner Name: NALCO COMPANY  
Owner Address: 1601 W DIEHL RD  
Owner Address 2: Not reported  
Owner City,State,Zip: NAPERVILLE, IL 605630130  
Contact Name: DAN MOTISI  
Contact Address: PO BOX 7495  
Contact Address 2: Not reported  
City,State,Zip: BROOMFIELD, CO 800210025  
Facility Status: Inactive  
Facility Type: TEMPORARY  
Category: STATE  
Latitude: 38.616082  
Longitude: -121.434509

**NAICS:**

EPA ID: CAC002793932  
Create Date: 2014-11-18 08:58:11.710  
NAICS Code: 42269  
NAICS Description: Other Chemical and Allied Products Wholesalers  
Issued EPA ID Date: 2014-11-18 08:58:11.73000  
Inactive Date: 2015-02-17 08:58:11.70000  
Facility Name: NALCO COMPANY  
Facility Address: 2670 LAND AVE  
Facility Address 2: Not reported  
Facility City: SACRAMENTO  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 95815

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**E37**            **STRAWBERRY MANOR PCB SITE**  
**West**        **188 OLMSTEAD DR**  
**1/2-1**        **SACRAMENTO, CA 95838**  
**0.934 mi.**  
**4929 ft.**      **Site 1 of 2 in cluster E**

**HIST Cal-Sites**    **S100184100**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**29 ft.**

**Calsite:**  
**Name:** STRAWBERRY MANOR PCB SITE  
**Address:** 188 OLMSTEAD DR  
**City:** SACRAMENTO  
**Region:** SACRAMENTO  
**Facility ID:** 34330034  
**Facility Type:** RP  
**Type:** RESPONSIBLE PARTY  
**Branch:** CC  
**Branch Name:** CENTRAL CALIFORNIA  
**File Name:** Not reported  
**State Senate District:** 06011988  
**Status:** CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT  
**Status Name:** CERTIFIED  
**Lead Agency:** DEPT OF TOXIC SUBSTANCES CONTROL  
**NPL:** Not Listed  
**SIC Code:** 33  
**SIC Name:** MANU - PRIMARY METAL INDUSTRIES  
**Access:** Not reported  
**Cortese:** Not reported  
**Hazardous Ranking Score:** Not reported  
**Date Site Hazard Ranked:** Not reported  
**Groundwater Contamination:** Suspected  
**Staff Member Responsible for Site:** TLANDIS  
**Supervisor Responsible for Site:** Not reported  
**Region Water Control Board:** Not reported  
**Region Water Control Board Name:** Not reported  
**Lat/Long Direction:** Not reported  
**Lat/Long (dms):** 0 0 0 / 0 0 0  
**Lat/long Method:** Not reported  
**Lat/Long Description:** Not reported  
**State Assembly District Code:** 09  
**State Senate District Code:** 06  
**Facility ID:** 34330034  
**Activity:** CERT  
**Activity Name:** CERTIFICATION  
**AWP Code:** Not reported  
**Proposed Budget:** 0  
**AWP Completion Date:** Not reported  
**Revised Due Date:** Not reported  
**Comments Date:** 06011988  
**Est Person-Yrs to complete:** 0  
**Estimated Size:** Not reported  
**Request to Delete Activity:** Not reported  
**Activity Status:** CERT  
**Definition of Status:** CERTIFIED  
**Liquids Removed (Gals):** 0  
**Liquids Treated (Gals):** 0  
**Action Included Capping:** Not reported  
**Well Decommissioned:** Not reported  
**Action Included Fencing:** Not reported  
**Removal Action Certification:** Not reported  
**Activity Comments:** Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STRAWBERRY MANOR PCB SITE (Continued)**

**S100184100**

For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 34330034  
Activity: COST  
Activity Name: COST RECOVERY  
AWP Code: 1  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 02281991  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Alternate Address: 188 OLMSTEAD  
Alternate City,St,Zip: SACRAMENTO, CA 95835  
Alternate Address: 188 OLMSTEAD DR  
Alternate City,St,Zip: SACRAMENTO, CA 95838  
Background Info: Not reported  
Comments Date: 12221995  
Comments: Materials began to excavate the contaminated soil and trans-  
Comments Date: 12221995  
Comments: ported 60 cubic yards of soil to a permitted facility. On  
Comments Date: 12221995  
Comments: May 6, 1988 the remediation was completed. The Department of  
Comments Date: 12221995  
Comments: Health Services (now DTSC) certified the site on June 28,  
Comments Date: 12221995  
Comments: 1988, and on July 29, 1988 the final report was approved.  
Comments Date: 12221995  
Comments: Not reported  
Comments Date: 12221995  
Comments: Not reported  
Comments Date: 12221995  
Comments: Not reported  
Comments Date: 12221995  
Comments: Not reported  
Comments Date: 08151989  
Comments: Records Search: Site is listed in 1989 Bond Expenditure  
Comments Date: 08151989  
Comments: Plan for cost recovery only. Cost recovery was expected to  
Comments Date: 08151989  
Comments: be completed in June 1989.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**STRAWBERRY MANOR PCB SITE (Continued)**

**S100184100**

Comments Date: 08151989  
 Comments: Site certified as remediated in June 1988.  
 Comments Date: 12221995  
 Comments: The operations at the Site at 188 Olmstead recovered copper,  
 Comments Date: 12221995  
 Comments: aluminum, and iron from used ballasts from fluorescent light  
 Comments Date: 12221995  
 Comments: fixtures. Many of the ballasts contained PCBs. The ballasts  
 Comments Date: 12221995  
 Comments: would be burned to recover the metals. The burning of PCBs  
 Comments Date: 12221995  
 Comments: also produced chlorodibenzodioxins (dioxins), and chlorodi-  
 Comments Date: 12221995  
 Comments: benzofurans (furans). Soil and groundwater samples taken at  
 Comments Date: 12221995  
 Comments: the Site indicated concentrations of PCBs at 1,100 ppb, lead  
 Comments Date: 12221995  
 Comments: at 339 ppm, chromium at 42 ppm, copper at 1,920 ppm, dioxins  
 Comments Date: 12221995  
 Comments: at 1.9 ppb, and furans at .37 ppb. On April 18, 1988 O.H.  
 ID Name: BEP DATABASE PCODE  
 ID Value: P14055  
 ID Name: CALSTARS CODE  
 ID Value: 100141  
 Alternate Name: STRAWBERRY MANOR/PCB SITE  
 Alternate Name: STRAWBERRY MANOR PCB SITE  
 Alternate Name: OLMSTEAD SITE  
 Alternate Name: Not reported  
 Special Programs Code: Not reported  
 Special Programs Name: Not reported

**E38**  
**West**  
**1/2-1**  
**0.934 mi.**  
**4929 ft.**

**STRAWBERRY MANOR/PCB SITE**  
**188 OLMSTEAD**  
**SACRAMENTO, CA 95835**

**RESPONSE**  
**ENVIROSTOR**  
**CA BOND EXP. PLAN**

**S100833548**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**29 ft.**

**Site 2 of 2 in cluster E**

**RESPONSE:**  
 Name: STRAWBERRY MANOR PCB SITE  
 Address: 188 OLMSTEAD DR  
 City,State,Zip: SACRAMENTO, CA 95838  
 Facility ID: 34330034  
 Site Type: State Response  
 Site Type Detail: State Response or NPL  
 Acres: 1  
 National Priorities List: NO  
 Cleanup Oversight Agencies: SMBRP  
 Lead Agency Description: DTSC - Site Cleanup Program  
 Project Manager: Not reported  
 Supervisor: Fernando Amador  
 Division Branch: Cleanup Sacramento  
 Site Code: 100141  
 Site Mgmt. Req.: NONE SPECIFIED  
 Assembly: 07  
 Senate: 06  
 Special Program Status: Not reported  
 Status: Certified  
 Status Date: 06/01/1988



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STRAWBERRY MANOR/PCB SITE (Continued)**

**S100833548**

Restricted Use: NO  
Funding: Responsible Party  
Latitude: 38.62335  
Longitude: -121.4631  
APN: NONE SPECIFIED  
Past Use: METAL RECLAMATION  
Potential COC : Lead Polychlorinated biphenyls (PCBs Copper and compounds  
Confirmed COC: Polychlorinated biphenyls (PCBs Copper and compounds Lead  
Potential Description: SOIL  
Alias Name: OLMSTEAD SITE  
Alias Type: Alternate Name  
Alias Name: STRAWBERRY MANOR/PCB SITE  
Alias Type: Alternate Name  
Alias Name: 110033617986  
Alias Type: EPA (FRS #)  
Alias Name: P14055  
Alias Type: PCode  
Alias Name: 100141  
Alias Type: Project Code (Site Code)  
Alias Name: 34330034  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 06/01/1988  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

ENVIROSTOR:

Name: STRAWBERRY MANOR PCB SITE  
Address: 188 OLMSTEAD DR  
City,State,Zip: SACRAMENTO, CA 95838  
Facility ID: 34330034  
Status: Certified  
Status Date: 06/01/1988  
Site Code: 100141  
Site Type: State Response  
Site Type Detailed: State Response or NPL  
Acres: 1  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: Fernando Amador  
Division Branch: Cleanup Sacramento  
Assembly: 07

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STRAWBERRY MANOR/PCB SITE (Continued)**

**S100833548**

Senate: 06  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Responsible Party  
Latitude: 38.62335  
Longitude: -121.4631  
APN: NONE SPECIFIED  
Past Use: METAL RECLAMATION  
Potential COC: Lead Polychlorinated biphenyls (PCBs Copper and compounds)  
Confirmed COC: Polychlorinated biphenyls (PCBs Copper and compounds Lead  
Potential Description: SOIL  
Alias Name: OLMSTEAD SITE  
Alias Type: Alternate Name  
Alias Name: STRAWBERRY MANOR/PCB SITE  
Alias Type: Alternate Name  
Alias Name: 110033617986  
Alias Type: EPA (FRS #)  
Alias Name: P14055  
Alias Type: PCode  
Alias Name: 100141  
Alias Type: Project Code (Site Code)  
Alias Name: 34330034  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 06/01/1988  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

CA BOND EXP. PLAN:

Reponsible Party: COST RECOVERY/OPERATION AND MAINTENANCE SITE  
Project Revenue Source Company: Not reported  
Project Revenue Source Addr: Not reported  
Project Revenue Source City,St,Zip: Not reported  
Project Revenue Source Desc: The responsible parties funded the cleanup work. Bond funds were expended for preliminary assessment work and oversight. DHS will seek cost recovery for its direct costs including staff costs and overhead associated with the project.

Site Description: This is the location of a former salvage operation where metals from fluorescent light ballasts, capacitors and transformers were recovered and sold for scrap metal. The light ballast cases were burned prior to removing the metal. The site is located in a residential neighborhood.

Hazardous Waste Desc: Levels of polychlorinated biphenyls (PCBs) were found as high as 640 parts per million and low levels of dioxins were found in the soil. Dibenzofurans and dioxins were formed from the burning of the PCB oil-filled cases.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**STRAWBERRY MANOR/PCB SITE (Continued)**

**S100833548**

Threat To Public Health & Env: Soil was contaminated with PCBs and copper. No threat to the public health or environment exists now. 80 cubic yards of contaminated soil was removed and disposed of in a Class I Landfill.

Site Activity Status: This site was certified as remediated in June, 1988.

**F39**  
**NNW**  
**1/2-1**  
**0.947 mi.**  
**4999 ft.**

**HARRIS AVENUE PCB SITE**  
**627 HARRIS AVENUE**  
**SACRAMENTO, CA 95835**

**CA BOND EXP. PLAN** **S105960394**  
**N/A**

**Site 1 of 2 in cluster F**

**Relative:**  
**Higher**  
**Actual:**  
**34 ft.**

CA BOND EXP. PLAN:

Responsible Party: RESPONSIBLE PARTY-LEAD SITE CLEANUP WORKPLAN  
 Project Revenue Source Company: Not reported  
 Project Revenue Source Addr: Not reported  
 Project Revenue Source City,St,Zip: Not reported  
 Project Revenue Source Desc: Responsible parties are funding the required work. Bond funds have been expended for preliminary assessment work and oversight, therefore, DHS will undertake appropriate cost recovery action. DHS has budgeted \$100,000 for oversight costs related to the project. This site has not been identified as an NPL site, nor does it appear to be a likely candidate in the future. Therefore, it is unlikely that federal funds are a viable source of revenue.

Site Description:

This site is the location of a former metal salvage operation where metals from fluorescent light ballasts, capacitors and industrial transformers were recovered and sold for scrap metal. The light ballast cases were burned prior to removing the metal. Oil from transformers was poured into several pits. The site is located in a residential neighborhood.

Hazardous Waste Desc:

Levels of polychlorinated biphenyls (PCBs) were found as high as 640 parts per million and low levels of dioxins were found in the soil. Waste from industrial batteries is also suspected to be present. Tetra-dibenzofurans and dioxins (TCDD) were formed from the burning of the PCB oil-filled cases. TCDDs are also a by-product in the PCB formulation process.

Threat To Public Health & Env:

The direct threat to the public health has been reduced by the fence enclosures around the contaminated soil and the covering of the contaminated soil with plastic. The principal routes of exposure are direct contact and inhalation. Both of these are controlled by the fencing and plastic. The most likely receptors are residents living adjacent to the site.

Site Activity Status:

The site has been fenced and the soil covered with plastic. DHS has conducted soil sampling. In response to a remedial action order, responsible parties are implementing a site characterization and developing a remedial action plan.

**F40**  
**NNW**  
**1/2-1**  
**0.947 mi.**  
**4999 ft.**

**HARRIS AVENUE PCB SITE**  
**627 HARRIS AVE**  
**SACRAMENTO, CA 95838**

**RESPONSE** **S101481696**  
**ENVIROSTOR** **N/A**  
**CPS-SLIC**  
**HIST Cal-Sites**  
**CERS**

**Site 2 of 2 in cluster F**

**Relative:**  
**Higher**  
**Actual:**  
**34 ft.**

RESPONSE:

Name: HARRIS AVENUE PCB SITE  
 Address: 627 HARRIS AVE  
 City,State,Zip: SACRAMENTO, CA 95838  
 Facility ID: 34330035  
 Site Type: State Response  
 Site Type Detail: State Response or NPL  
 Acres: Not reported  
 National Priorities List: NO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARRIS AVENUE PCB SITE (Continued)**

**S101481696**

Cleanup Oversight Agencies: NONE SPECIFIED  
Lead Agency Description: Not reported  
Project Manager: Not reported  
Supervisor: Not reported  
Division Branch: Cleanup Sacramento  
Site Code: 100166  
Site Mgmt. Req.: NONE SPECIFIED  
Assembly: 07  
Senate: 06  
Special Program Status: Not reported  
Status: Certified  
Status Date: 02/01/1990  
Restricted Use: NO  
Funding: Responsible Party  
Latitude: 38.63861  
Longitude: -121.4535  
APN: NONE SPECIFIED  
Past Use: ILLEGAL DUMPING, METAL RECLAMATION  
Potential COC : Lead Polychlorinated biphenyls (PCBs Copper and compounds  
Confirmed COC: Polychlorinated biphenyls (PCBs Copper and compounds Lead  
Potential Description: SOIL  
Alias Name: CAD982400046  
Alias Type: EPA Identification Number  
Alias Name: 110033613766  
Alias Type: EPA (FRS #)  
Alias Name: SLT5S2263265  
Alias Type: GeoTracker Global ID  
Alias Name: 100166  
Alias Type: Project Code (Site Code)  
Alias Name: 34330035  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 02/01/1990  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

ENVIROSTOR:

Name: HARRIS AVENUE PCB SITE  
Address: 627 HARRIS AVE  
City,State,Zip: SACRAMENTO, CA 95838  
Facility ID: 34330035  
Status: Certified  
Status Date: 02/01/1990  
Site Code: 100166

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARRIS AVENUE PCB SITE (Continued)**

**S101481696**

Site Type: State Response  
Site Type Detailed: State Response or NPL  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Not reported  
Division Branch: Cleanup Sacramento  
Assembly: 07  
Senate: 06  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Responsible Party  
Latitude: 38.63861  
Longitude: -121.4535  
APN: NONE SPECIFIED  
Past Use: ILLEGAL DUMPING, METAL RECLAMATION  
Potential COC: Lead Polychlorinated biphenyls (PCBs Copper and compounds  
Confirmed COC: Polychlorinated biphenyls (PCBs Copper and compounds Lead  
Potential Description: SOIL  
Alias Name: CAD982400046  
Alias Type: EPA Identification Number  
Alias Name: 110033613766  
Alias Type: EPA (FRS #)  
Alias Name: SLT5S2263265  
Alias Type: GeoTracker Global ID  
Alias Name: 100166  
Alias Type: Project Code (Site Code)  
Alias Name: 34330035  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 02/01/1990  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

SLIC REG 5:

Name: Sylvania & Amtech Lighting Services  
Address: 627 Harris Ave  
City: Sacramento  
Region: 5  
Facility Status: Remediation Underway  
Unit: Facility is a Spill or site

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARRIS AVENUE PCB SITE (Continued)**

**S101481696**

Pollutant: PCB, Pb, Cu  
Lead Agency: Not reported  
Date Filed: / /  
Report Date: 12/04/89  
Date Added: Not reported  
Date Closed: Not reported

**CPS-SLIC:**

Name: SYLVANIA & AMTECH LIGHTING SERVICES  
Address: 627 HARRIS AVENUE  
City,State,Zip: SACRAMENTO, CA  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 02/01/1990  
Global Id: SLT5S2263265  
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL  
Lead Agency Case Number: 34330035  
Latitude: 38.6387609580911  
Longitude: -121.451251836304  
Case Type: Cleanup Program Site  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: SLT5S279  
File Location: Not reported  
Potential Media Affected: Soil  
Potential Contaminants of Concern: Copper, Lead  
Site History: The Department of Toxic Substances Control (DTSC) was the lead agency for the remediation of this Site. More documentation may be found at their Envirostor website ([http://www.envirostor.dtsc.ca.gov/public/profile\\_report.asp?global\\_id=34330035](http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=34330035)). The Site was a metal salvage yard from 1970 until 1984. The outer coatings of electrical equipment were burned off to recover the copper and other metals. Dielectric fluids containing polychlorinated biphenyls (PCBs) were drained and soaked into the surrounding soils. In 1985, the Department of Health Services conducted an investigation and found high levels of PCBs, copper and lead. In December 1989, about 530 tons of contaminated soil were excavated from the Site. Confirmation soil samples did not contained concentrations above action levels. DTSC closed the Site on 1 February 1990.

Click here to access the California GeoTracker records for this facility:

**Calsite:**

Name: HARRIS AVENUE PCB SITE  
Address: 627 HARRIS AVE  
City: SACRAMENTO  
Region: SACRAMENTO  
Facility ID: 34330035  
Facility Type: RP  
Type: RESPONSIBLE PARTY  
Branch: CC  
Branch Name: CENTRAL CALIFORNIA  
File Name: Not reported  
State Senate District: 02011990  
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARRIS AVENUE PCB SITE (Continued)**

**S101481696**

Status Name: CERTIFIED  
Lead Agency: N/A  
NPL: Not reported  
SIC Code: 33  
SIC Name: MANU - PRIMARY METAL INDUSTRIES  
Access: Not reported  
Cortese: Not reported  
Hazardous Ranking Score: Not reported  
Date Site Hazard Ranked: Not reported  
Groundwater Contamination: Not reported  
Staff Member Responsible for Site: Not reported  
Supervisor Responsible for Site: Not reported  
Region Water Control Board: Not reported  
Region Water Control Board Name: Not reported  
Lat/Long Direction: Not reported  
Lat/Long (dms): 0 0 0 / 0 0 0  
Lat/long Method: Not reported  
Lat/Long Description: Not reported  
State Assembly District Code: 09  
State Senate District Code: 06  
Facility ID: 34330035  
Activity: CERT  
Activity Name: CERTIFICATION  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 02011990  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Alternate Address: 627 HARRIS AVENUE  
Alternate City,St,Zip: SACRAMENTO, CA 95835  
Alternate Address: 627 HARRIS AVE  
Alternate City,St,Zip: SACRAMENTO, CA 95838  
Background Info: Not reported  
Comments Date: 01011988  
Comments: This is the date the site was first listed AWP pursuant to  
Comments Date: 01011988  
Comments: Section 25356.  
Comments Date: 04181989  
Comments: SITE IS ON 1989 BOND EXPENDITURE PLAN  
Comments Date: 08191991  
Comments: Records Search: Site Certified as of February 1990.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARRIS AVENUE PCB SITE (Continued)**

**S101481696**

ID Name: EPA IDENTIFICATION NUMBER  
ID Value: CAD982400046  
ID Name: CALSTARS CODE  
ID Value: 100166  
Alternate Name: HARRIS AVENUE PCB SITE  
Alternate Name: Not reported  
Special Programs Code: Not reported  
Special Programs Name: Not reported

**CERS:**

Name: SYLVANIA & AMTECH LIGHTING SERVICES  
Address: 627 HARRIS AVENUE  
City,State,Zip: SACRAMENTO, CA  
Site ID: 216011  
CERS ID: SLT5S2263265  
CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: zzz - CENTRAL VALLEY RWQCB (REGION 5S)  
Entity Title: Not reported  
Affiliation Address: 11020 SUN CENTER DRIVE #200  
Affiliation City: RANCHO CORDOVA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

**41**  
**ESE**  
**1/2-1**  
**0.962 mi.**  
**5080 ft.**

**AMERICAN POLY-THERM COMPANY, INC.**  
**1636 KATHLEEN AVENUE**  
**SACRAMENTO, CA 95815**

**ENVIROSTOR** **S100185968**  
**CPS-SLIC** **N/A**  
**CHMIRS**  
**CERS**

**Relative:**  
**Higher**  
**Actual:**  
**40 ft.**

**ENVIROSTOR:**

Name: AMERICAN POLY-THERM COMPANY, INC.  
Address: 1636 KATHLEEN AVENUE  
City,State,Zip: SACRAMENTO, CA 95815  
Facility ID: 34300001  
Status: No Further Action  
Status Date: 05/05/2015  
Site Code: 100169  
Site Type: Evaluation  
Site Type Detailed: Evaluation  
Acres: 1  
NPL: NO  
Regulatory Agencies: SMBRP, SACRAMENTO COUNTY  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: Fernando Amador  
Division Branch: Cleanup Sacramento  
Assembly: 07  
Senate: 06  
Special Program: EPA - PASI  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN POLY-THERM COMPANY, INC. (Continued)**

**S100185968**

Latitude: 38.62140  
Longitude: -121.4284  
APN: 26504010020000  
Past Use: MANUFACTURING - OTHER  
Potential COC: \* HALOGENATED SOLVENTS \* HYDROCARBON SOLVENTS \* Metals - Other  
Inorganic Solid Waste \* ORGANIC MONOMER WASTE, INCLUDING UNREACTED  
RESINS \* OTHER ORGANIC SOLIDS \* OXYGENATED SOLVENTS \* CONTAMINATED  
SOIL Asbestos Containing Materials (ACM \* STILL BOTTOMS WITH  
HALOGENATED ORGANICS \* UNSPECIFIED SOLVENT MIXTURES \* WASTE OIL &  
MIXED OIL \* OTHER PESTICIDE CONTAINERS, 30 GALLONS OR MORE \*  
POLYMERIC RESIN WASTE  
Confirmed COC: NONE SPECIFIED  
Potential Description: SED, SOIL, SURFW  
Alias Name: SHASTA BOTTLING CO (PRIOR TO 1971)  
Alias Type: Alternate Name  
Alias Name: 26504010020000  
Alias Type: APN  
Alias Name: CAD009162637  
Alias Type: EPA Identification Number  
Alias Name: 110002635756  
Alias Type: EPA (FRS #)  
Alias Name: SLT5S0343075  
Alias Type: GeoTracker Global ID  
Alias Name: 100169  
Alias Type: Project Code (Site Code)  
Alias Name: 34300001  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 09/25/1991  
Comments: Listing SI recommended no further action for CERCLA. Site currently  
inactive. Site was on Department backlog for AWP. PEA recommended to  
assess the contamination threat.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Site Inspection (SI) Report  
Completed Date: 12/30/1988  
Comments: SAMPLE RESULTS - DHS SITE MITIGATION UNIT - SOIL SAMPLES & DITCH  
SEDIMENT FROM HAGGINWOOD CREEK SHOWS CONTAMINATION. SOIL: MOCA TO  
6700 PPM; DITCH SEDIMENT: MOCA TO 650 PPM; SOIL CORES:  
TRICHLOROETHENE, 1,1-DICHLOROETHANE, 1,1,1-TRICHLOROETHANE AT LOW PPB  
LEVELS TETRACHLOROETHYLENE = 260 PPB FBI FILES - ENFORCEMENT  
CONFIDENTIAL CVRWQCB - NO REGULATORY INVOLVEMENT SITE INSPECTION  
DONE. EPA RECOMMENDATION : LISTING SI FOR NPL.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 03/26/1987  
Comments: SITE SCREENING DONE. ONGOING INVESTIGATION BY FBI.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Triage Meeting

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN POLY-THERM COMPANY, INC. (Continued)**

**S100185968**

Completed Date: 06/11/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 12/22/2006  
Comments: DTSC received a copy of the Phase I and Phase II for the former company - American Poly Therm.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 09/17/2007  
Comments: DTSC mailed a No Further Action Letter to the site owner.

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**CPS-SLIC:**

Name: AMERICAN POLY-THERM  
Address: 1636 KATHLEEN AVENUE  
City,State,Zip: SACRAMENTO, CA  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 05/05/2015  
Global Id: SLT5S0343075  
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL  
Lead Agency Case Number: 34300001  
Latitude: 38.6215374466925  
Longitude: -121.428515202377  
Case Type: Cleanup Program Site  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: SLT5S034  
File Location: All Files are on GeoTracker or in the Local Agency Database  
Potential Media Affected: Sediments, Soil  
Potential Contaminants of Concern: Other Metal, Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Compression molded plastic products were made here between 1971 and 1991. The Department of Health Services issued a Notice of Violation for improper handling of hazardous wastes in 1986. Sediments in Hagginwood Creek at outfall contained 650 mg/kg 4,4'-methylenebis(2-chloroaniline) [MOCA] in 1988. Soil borings on-site obtained in 1990 detected small amount of oil products, but not significant amounts of volatile organic compounds, polychlorinated biphenyl compounds, or semi-volatile organic compounds. Detections were below US EPA Residential Screening Levels. DTSC issued an NFA letter in 2007.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN POLY-THERM COMPANY, INC. (Continued)**

**S100185968**

[Click here to access the California GeoTracker records for this facility:](#)

CHMIRS:

Name:	Not reported
Address:	1636 KATHLEEN
City,State,Zip:	SACRAMENTO, CA 95815-1808
OES Incident Number:	905458
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>28-MAR-89</b>
Property Use:	700
Agency Id Number:	34080
Agency Incident Number:	9729
Time Notified:	2107
Time Completed:	2256
Surrounding Area:	500
Estimated Temperature:	60
Property Management:	P
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
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:	ERIC NAISBITT
Report Date:	29-MAR-89
Facility Telephone:	916 449-5266
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	28-MAR-89
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	08-MAY-90
Substance:	Not reported
Unknown:	Not reported
Substance #2:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN POLY-THERM COMPANY, INC. (Continued)**

**S100185968**

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  
Fataals: Not reported  
Comments: Not reported  
Description: Not reported

**CERS:**

Name: AMERICAN POLY-THERM  
Address: 1636 KATHLEEN AVENUE  
City,State,Zip: SACRAMENTO, CA  
Site ID: 216493  
CERS ID: SLT5S0343075  
CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: zzz - CENTRAL VALLEY RWQCB (REGION 5S)  
Entity Title: Not reported  
Affiliation Address: 11020 SUN CENTER DRIVE #200  
Affiliation City: RANCHO CORDOVA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

42  
SE  
1/2-1  
0.997 mi.  
5265 ft.  
Relative:  
Higher  
Actual:  
48 ft.

**RT METRO  
2700 ACADEMY WAY  
SACRAMENTO, CA 95815**

**ENVIROSTOR S101590635  
Sacramento Co. CS N/A  
SWEEPS UST  
CA FID UST  
Sacramento Co. ML  
NPDES  
WDS  
CIWQS  
CERS  
HWTS**

**ENVIROSTOR:**

Name: JOHN TAYLOR FERTILIZER (INACTIVE #327)  
Address: 2700 ACADEMY WAY  
City,State,Zip: SACRAMENTO, CA 95815  
Facility ID: 34280146  
Status: No Further Action  
Status Date: 05/02/1989  
Site Code: Not reported  
Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RT METRO (Continued)**

**S101590635**

NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Not reported  
Division Branch: Cleanup Sacramento  
Assembly: 07  
Senate: 06  
Special Program: \* CERC2  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 38.61591  
Longitude: -121.4312  
APN: NONE SPECIFIED  
Past Use: MAINTENANCE / CLEANING  
Potential COC: NONE SPECIFIED No Contaminants found  
Confirmed COC: No Contaminants found  
Potential Description: NMA  
Alias Name: CANNON BRICK COMPANY  
Alias Type: Alternate Name  
Alias Name: SOLD TO CALTRANS 1970  
Alias Type: Alternate Name  
Alias Name: 34280146  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 03/09/1987  
Comments: SITE SCREENING DONE INDICATIONS OF WASTE ONSITE

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 08/07/1980  
Comments: FACILITY IDENTIFIED INACTIVE # 327 MENTIONED ON QUEST DRIVE-BY  
REQUIRED ASP

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 05/02/1989  
Comments: PRELIM ASSESS DONE NFA UNDER CERCLA AND STATE

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

Sacramento Co. CS:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

RT METRO (Continued)

S101590635

Name: RT WAYSIDE STATION  
Address: 2700 ACADEMY WAY  
City,State,Zip: SACRAMENTO, CA  
State Site Number: B238  
Lead Staff: Rwb, R.  
Lead Agency: HM  
Remedial Action Taken: YE, S  
Substance: Diesel  
Date Reported: 08/14/1995  
Facility Id: RO0000133  
Case Type: Soil only  
Case Closed: Y  
**Date Closed: Not reported**  
**Case Type: Soil only affected**  
**Substance: Diesel**

SWEEPS UST:

Name: RT METRO  
Address: 2700 ACADEMY WAY  
City: SACRAMENTO  
Status: Active  
Comp Number: 2055  
Number: 6  
Board Of Equalization: Not reported  
Referral Date: 01-02-91  
Action Date: 01-02-91  
Created Date: 01-02-91  
Owner Tank Id: Not reported  
SWRCB Tank Id: 34-000-002055-000001  
Tank Status: A  
Capacity: 550  
Active Date: 01-02-91  
Tank Use: OIL  
STG: W  
Content: WASTE OIL  
Number Of Tanks: 1

CA FID UST:

Facility ID: 34003513  
Regulated By: UTNKA  
Regulated ID: CAD982472  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 9166488400  
Mail To: Not reported  
Mailing Address: P O BOX  
Mailing Address 2: Not reported  
Mailing City,St,Zip: SACRAMENTO 95815  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RT METRO (Continued)**

**S101590635**

Sacramento Co. ML:

Name: SACRAMENTO REGIONAL TRANSIT LIGHT  
Address: 2700 ACADEMY WAY  
City,State,Zip: SACRAMENTO, CA 95815  
Facility Id: Not reported  
Facility Status: Not reported  
FD: Not reported  
Billing Codes BP: A  
Billing Codes UST: A  
WG Bill Code: A  
Target Property Bill Cod: Not reported  
Food Bill Code: Not reported  
CUPA Permit Date: Not reported  
HAZMAT Permit Date: Not reported  
HAZMAT Inspection Date: Not reported  
Hazmat Date BP Received: Not reported  
UST Permit Dt: Not reported  
UST Inspection Date: Not reported  
UST Tank Test Date: Not reported  
Number of Tanks: 1  
UST Tank Test Date: Not reported  
SIC Code: Not reported  
Tier Permitting: Not reported  
AST Bill Code: Not reported  
CALARP Bill Code: Not reported

NPDES:

Name: SACRAMENTO REGIONAL TRANSIT DISTICT LIGHT RAIL MAINTENANCE FACILITY  
Address: 2700 ACADEMY WAY  
City,State,Zip: SACRAMENTO, CA 95815  
Facility Status: Active  
NPDES Number: CAS000001  
Region: 5S  
Agency Number: 0  
Regulatory Measure ID: 200656  
Place ID: Not reported  
Order Number: 97-03-DWQ  
WDID: 5S341002873  
Regulatory Measure Type: Enrollee  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 04/02/1992  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: PO Box 2110  
Discharge Name: Sacramento Regional Transit  
Discharge City: Sacramento  
Discharge State: California  
Discharge Zip: 95812  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

RT METRO (Continued)

S101590635

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	5S
Regulatory Measure ID:	200656
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	5S34I002873
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/02/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Sacramento Regional Transit
Discharge Address:	PO Box 2110
Discharge City:	Sacramento
Discharge State:	California
Discharge Zip:	95812
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



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RT METRO (Continued)**

**S101590635**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	5S
Regulatory Measure ID:	200656
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	5S34I002873
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:	04/02/1992
Status:	Active
Status Date:	10/30/2015
Place Size:	24
Place Size Unit:	Acres
Contact:	Rob Hoslett
Contact Title:	Senior Safety Specialist
Contact Phone:	916-321-3869
Contact Phone Ext:	Not reported
Contact Email:	rhoslett@sacrt.com
Operator Name:	Sacramento Regional Transit
Operator Address:	PO Box 2110
Operator City:	Sacramento
Operator State:	California
Operator Zip:	95812
Operator Contact:	Mark Longeran
Operator Contact Title:	Chief Operating Officer

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RT METRO (Continued)**

**S101590635**

Operator Contact Phone: 916-321-2800  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: mlongeron@sacrt.com  
Operator Type: Special District  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: Not reported  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype 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: American River  
Certifier: Michael Wiley  
Certifier Title: General Manager  
Certification Date: 20-MAY-15  
Primary Sic: 4111-Local and Suburban Transit  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

Name: SACRAMENTO REGIONAL TRANSIT DISTRICT LIGHT RAIL MAINTENANCE FACILITY  
Address: 2700 ACADEMY WAY  
City,State,Zip: SACRAMENTO, CA 95815  
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: 5S34I002873  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RT METRO (Continued)**

**S101590635**

Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	10/30/2015
Operator Name:	Sacramento Regional Transit
Operator Address:	PO Box 2110
Operator City:	Sacramento
Operator State:	California
Operator Zip:	95812
NPDES as of 03/2018:	
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	5S
Regulatory Measure ID:	200656
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	5S34I002873
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/02/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Sacramento Regional Transit
Discharge Address:	PO Box 2110
Discharge City:	Sacramento
Discharge State:	California
Discharge Zip:	95812
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

RT METRO (Continued)

S101590635

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	5S
Regulatory Measure ID:	200656
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	5S34I002873
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:	04/02/1992
Status:	Active
Status Date:	10/30/2015
Place Size:	24
Place Size Unit:	Acres

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RT METRO (Continued)**

**S101590635**

Contact: Rob Hoslett  
Contact Title: Senior Safety Specialist  
Contact Phone: 916-321-3869  
Contact Phone Ext: Not reported  
Contact Email: rhoslett@sacrt.com  
Operator Name: Sacramento Regional Transit  
Operator Address: PO Box 2110  
Operator City: Sacramento  
Operator State: California  
Operator Zip: 95812  
Operator Contact: Mark Longeran  
Operator Contact Title: Chief Operating Officer  
Operator Contact Phone: 916-321-2800  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: mlongeron@sacrt.com  
Operator Type: Special District  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: Not reported  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype 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: American River  
Certifier: Michael Wiley  
Certifier Title: General Manager  
Certification Date: 20-MAY-15  
Primary Sic: 4111-Local and Suburban Transit  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

**WDS:**

Name: LIGHT RAIL MAINTENANCE FACILIT  
Address: 2700 ACADEMY WAY  
City: SACRAMENTO  
Facility ID: 5S 341002873

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RT METRO (Continued)**

**S101590635**

Facility Type: Not reported  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 0  
Facility Telephone: Not reported  
Facility Contact: Not reported  
Agency Name: REGIONAL TRANSIT DISTRICT  
Agency Address: Not reported  
Agency City,St,Zip: 0  
Agency Contact: Not reported  
Agency Telephone: Not reported  
Agency Type: Not reported  
SIC Code: 0  
SIC Code 2: Not reported  
Primary Waste Type: Not reported  
Primary Waste: Not reported  
Waste Type2: Not reported  
Waste2: Not reported  
Primary Waste Type: Not reported  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: Not reported  
POTW: Not reported  
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or 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.

**CIWQS:**

Name: SACRAMENTO REGIONAL TRANSIT DISTRICT LIGHT RAIL MAINTENANCE FACILITY  
Address: 2700 ACADEMY WAY  
City,State,Zip: SACRAMENTO, CA 95815  
Agency: Sacramento Regional Transit  
Agency Address: PO Box 2110, Sacramento, CA 95812  
Place/Project Type: Industrial - Local and Suburban Transit  
SIC/NAICS: 4111  
Region: 5S  
Program: INDSTW  
Regulatory Measure Status: Active  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 5S34I002873  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 04/02/1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RT METRO (Continued)**

**S101590635**

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: 5  
Violations within 5 years: 3  
Latitude: 38.617036  
Longitude: -121.430696

**CERS:**

Name: SACRAMENTO REGIONAL TRANSIT DISTRICT LIGHT RAIL MAINTENANCE FACILITY  
Address: 2700 ACADEMY WAY  
City,State,Zip: SACRAMENTO, CA 95815  
Site ID: 541440  
CERS ID: 236988  
CERS Description: Industrial Facility Storm Water

**Violations:**

Site ID: 541440  
Site Name: Sacramento Regional Transit District Light Rail Maintenance Facility  
Violation Date: 07-15-2017  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Late Report  
Violation Notes: late 16-17 Annual Report  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit District Light Rail Maintenance Facility  
Violation Date: 07-15-2020  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Late Report  
Violation Notes: Late 2019-2020 Annual Report  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit District Light Rail Maintenance Facility  
Violation Date: 07-14-2000  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation  
Violation Notes: NTC - potential discharge of used motor oil in 1 gallon container near MOW  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit District Light Rail Maintenance Facility  
Violation Date: 07-14-2000  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: Unauthorized Discharge  
Violation Notes: Potential discharge of used motor oil in 1 gallon container near MOW,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

RT METRO (Continued)

S101590635

paint thinner  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Violation Date: 07-15-2016  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Late Report  
Violation Notes: late 15/16 annual report  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Violation Date: 07-15-2019  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Late Report  
Violation Notes: Failure to submit 2018-2019 Annual Report  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Violation Date: 07-01-2007  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation  
Violation Notes: Failure to maintain stormwater BMPs. Exceedance of EPA benchmarks.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Violation Date: 07-15-2021  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Late Report  
Violation Notes: Late 2020-2021 Annual Report  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Violation Date: 07-02-2010  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Late Report  
Violation Notes: Late Annual Report  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RT METRO (Continued)**

**S101590635**

Violation Date: 08-15-2015  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Late Report  
Violation Notes: Failure to submit 2014 - 2015 Annual Report by due date  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS,  
  
Site ID: 541440  
Site Name: Sacramento Regional Transit District Light Rail Maintenance Facility  
Violation Date: 07-02-1999  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient Report  
Violation Notes: Non-submittal of Annual Report. Due 7//1/1999  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 09-20-2019  
Violations Found: No  
Eval Type: Industrial Storm Water Compliance Evaluation

Eval Notes: On 20 September 2019, Central Valley Regional Water Quality Control Board staff (Board staff) inspected the Sacramento Regional Transit District Light Rail Maintenance Facility (Facility) located at 2700 Academy Way in Sacramento. The Facility is enrolled under the State Water Resources Control Board's General Permit for Storm Water Discharges Associated with Industrial Activities, Order 2014-0057-DWQ (Industrial General Permit). Maintenance on Sacramento Regional Transit (Sac RT) vehicles and light rail trains are performed at this Facility. Board staff met with the Chief of Environmental Health and System Safety, Robert Hoslett, who consented to the inspection and for photos to be taken. The Storm Water Pollution Prevention Plan (SWPPP) uploaded to SMARTS was reviewed prior to the inspection and appeared to be outdated. For example, the SWPPP mentions that observations occur two times during the dry season and during the first hour of one storm event per month during the wet season. According to Mr. Hoslett, visual observations occur monthly. Additionally, the SWPPP also mentions that the Facility will analyze storm water samples for creosol and ethylene glycol, even though those tests are no longer ordered. Training records and visual observation records were not available during the inspection. Board staff requested that Mr. Hoslett submit copies of the records via email. (...continued. See attached inspection report.)

Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS,

Enforcement Action:

Site ID: 541440  
Site Name: Sacramento Regional Transit District Light Rail Maintenance Facility  
Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 02-14-2022

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RT METRO (Continued)**

**S101590635**

Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: NNC for Late 2020-2021 Annual Report  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 05-01-2008  
Enf Action Type: Staff Enforcement Letter  
Enf Action Description: Staff Enforcement Letter  
Enf Action Notes: SEL for exceedance of benchmark values in storm water discharges, indicating a need to improve BMPs.  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 07-14-2000  
Enf Action Type: Notice to Comply  
Enf Action Description: Notice to Comply  
Enf Action Notes: N/A  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 08-03-2017  
Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: 1st NNC for late 16-17 Annual Report  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 08-17-2020  
Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: NNC for Late 2019-2020 Annual Report  
Enf Action Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RT METRO (Continued)**

**S101590635**

Enf Action Program: INDSTW  
Enf Action Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 08-19-2010  
Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: 1st NNC For Late Annual Report  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 08-27-2019  
Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: Failure to submit 2018-2019 Annual Report  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 08-30-2021  
Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: NNC for Late 2020-2021 Annual Report  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 09-12-2016  
Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: 1st NNC for late 15/16 annual report  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RT METRO (Continued)**

**S101590635**

Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 09-16-2015  
Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: Failure to submit 2014-2015 Annual Report by due date  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 10-04-2017  
Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: 2nd NNC for late 16-17 AR  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 10-26-1999  
Enf Action Type: Notice of Violation  
Enf Action Description: Notice of Violation  
Enf Action Notes: Notice of Violation for non-submittal of Annual Report  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 10-28-2016  
Enf Action Type: Industrial Storm Water Enforcement  
Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: 2nd NNC for 15-16 AR  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS,

Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 11-09-2020  
Enf Action Type: Industrial Storm Water Enforcement

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RT METRO (Continued)**

**S101590635**

Enf Action Description: Industrial Storm Water Enforcement  
Enf Action Notes: NNC for Late 2019-2020 Annual Report  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS,  
  
Site ID: 541440  
Site Name: Sacramento Regional Transit Distict Light Rail Maintenance Facility  
Site Address: 2700 ACADEMY WAY  
Site City: SACRAMENTO  
Site Zip: 95815  
Enf Action Date: 11-30-1999  
Enf Action Type: Notice of Violation  
Enf Action Description: Notice of Violation  
Enf Action Notes: Second Notice of Violation for non-submittal of Annual Report  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS,

Affiliation:

Affiliation Type Desc: Owner/Operator  
Entity Name: Sacramento Regional Transit  
Entity Title: Operator  
Affiliation Address: PO Box 2110  
Affiliation City: Sacramento  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95812  
Affiliation Phone: ,

HWTS:

Name: RT METRO  
Address: 2700 ACADEMY WAY  
Address 2: Not reported  
City,State,Zip: SACRAMENTO, CA 95815  
EPA ID: CAL000039932  
Inactive Date: 07/20/1992  
Create Date: 09/17/1990  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 2110  
Mailing Address 2: Not reported  
Mailing City,State,Zip: SACRAMENTO, CA 958120000  
Owner Name: SACRAMENTO REGIONAL  
Owner Address: Not reported  
Owner Address 2: Not reported  
Owner City,State,Zip: Not reported  
Contact Name: Not reported  
Contact Address: DEACTIVATED PER LTR 7/20/92  
Contact Address 2: Not reported  
City,State,Zip: Not reported  
Facility Status: Inactive  
Facility Type: PERMANENT  
Category: STATE  
Latitude: 38.616407

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RT METRO (Continued)**

**S101590635**

Longitude:

-121.431354

Count: 0 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
NO SITES FOUND					

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **STANDARD ENVIRONMENTAL RECORDS**

### ***Lists of Federal NPL (Superfund) sites***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/03/2023	Telephone: N/A
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 03/01/2023
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/10/2023
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: N/A
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 03/01/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/10/2023
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Lists of Federal Delisted NPL sites***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/25/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 26

Source: EPA  
Telephone: N/A  
Last EDR Contact: 03/01/2023  
Next Scheduled EDR Contact: 04/10/2023  
Data Release Frequency: Quarterly

## ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/20/2022  
Date Data Arrived at EDR: 12/21/2022  
Date Made Active in Reports: 03/10/2023  
Number of Days to Update: 79

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 12/21/2022  
Next Scheduled EDR Contact: 04/10/2023  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMs by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/25/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 26

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 03/01/2023  
Next Scheduled EDR Contact: 04/24/2023  
Data Release Frequency: Quarterly

## ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: 800-424-9346
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 03/01/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/24/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023	Source: EPA
Date Data Arrived at EDR: 03/09/2023	Telephone: 800-424-9346
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA TSD facilities***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA generators***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

## RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/02/2022	Source: Department of the Navy
Date Data Arrived at EDR: 11/08/2022	Telephone: 843-820-7326
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 02/03/2023
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2022	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2022	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/05/2023
	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: 12/12/2022

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 12/14/2022

Telephone: 202-267-2180

Date Made Active in Reports: 12/19/2022

Last EDR Contact: 03/21/2023

Number of Days to Update: 5

Next Scheduled EDR Contact: 07/03/2023

Data Release Frequency: Quarterly

## ***Lists of state- and tribal (Superfund) equivalent sites***

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/24/2022

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 10/24/2022

Telephone: 916-323-3400

Date Made Active in Reports: 01/12/2023

Last EDR Contact: 01/24/2023

Number of Days to Update: 80

Next Scheduled EDR Contact: 05/08/2023

Data Release Frequency: Quarterly

## ***Lists of state- and tribal hazardous waste facilities***

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/24/2022

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 10/24/2022

Telephone: 916-323-3400

Date Made Active in Reports: 01/12/2023

Last EDR Contact: 01/24/2023

Number of Days to Update: 80

Next Scheduled EDR Contact: 05/08/2023

Data Release Frequency: Quarterly

## ***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/03/2022

Source: Department of Resources Recycling and Recovery

Date Data Arrived at EDR: 11/03/2022

Telephone: 916-341-6320

Date Made Active in Reports: 01/25/2023

Last EDR Contact: 02/07/2023

Number of Days to Update: 83

Next Scheduled EDR Contact: 05/22/2023

Data Release Frequency: Quarterly

## ***Lists of state and tribal leaking storage tanks***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

## LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

## LUST REG 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	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	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	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

## LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

## LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

## LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/02/2022  
Date Data Arrived at EDR: 12/02/2022  
Date Made Active in Reports: 02/22/2023  
Number of Days to Update: 82

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 03/07/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Quarterly

## LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-622-2433  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: No Update Planned

## LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001  
Date Data Arrived at EDR: 02/28/2001  
Date Made Active in Reports: 03/29/2001  
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-570-3769  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005  
Date Data Arrived at EDR: 06/07/2005  
Date Made Active in Reports: 06/29/2005  
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-241-7365  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008  
Date Data Arrived at EDR: 07/22/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-4834  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: No Update Planned

## INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/19/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

## INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/26/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6271
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3372
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/14/2022	Source: EPA, Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-7439
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-6597
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2022	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: 01/17/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/02/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/02/2022	Telephone: 866-480-1028
Date Made Active in Reports: 02/22/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/19/2023
	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: 12/28/2022  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Varies

### MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/02/2022  
Date Data Arrived at EDR: 12/02/2022  
Date Made Active in Reports: 02/21/2023  
Number of Days to Update: 81

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 03/07/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 11/28/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/02/2022	Telephone: 916-327-7844
Date Made Active in Reports: 02/23/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/02/2022	Source: SWRCB
Date Data Arrived at EDR: 12/02/2022	Telephone: 916-341-5851
Date Made Active in Reports: 02/22/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Semi-Annually

## AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 03/09/2023
Number of Days to Update: 69	Next Scheduled EDR Contact: 06/26/2023
	Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-7591
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/14/2022	Source: EPA Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-6136
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/23/2022	Source: EPA Region 4
Date Data Arrived at EDR: 12/06/2022	Telephone: 404-562-9424
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/19/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 12/06/2022	Telephone: 617-918-1313
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 9
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3368
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6137
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2022	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: 01/17/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/01/2023
	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.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/24/2022  
Date Data Arrived at EDR: 10/24/2022  
Date Made Active in Reports: 01/12/2023  
Number of Days to Update: 80

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/24/2023  
Next Scheduled EDR Contact: 05/08/2023  
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: 03/17/2023  
Next Scheduled EDR Contact: 07/03/2023  
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: 12/14/2022  
Date Data Arrived at EDR: 12/14/2022  
Date Made Active in Reports: 03/07/2023  
Number of Days to Update: 83

Source: State Water Resources Control Board  
Telephone: 916-323-7905  
Last EDR Contact: 03/21/2023  
Next Scheduled EDR Contact: 07/03/2023  
Data Release Frequency: Quarterly

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022  
Date Data Arrived at EDR: 03/10/2022  
Date Made Active in Reports: 03/10/2022  
Number of Days to Update: 0

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 03/14/2023  
Next Scheduled EDR Contact: 06/26/2023  
Data Release Frequency: Semi-Annually

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

#### WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000  
Date Data Arrived at EDR: 04/10/2000  
Date Made Active in Reports: 05/10/2000  
Number of Days to Update: 30

Source: State Water Resources Control Board  
Telephone: 916-227-4448  
Last EDR Contact: 01/20/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: No Update Planned

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/02/2022  
Date Data Arrived at EDR: 12/02/2022  
Date Made Active in Reports: 02/22/2023  
Number of Days to Update: 82

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 03/07/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/16/2022  
Date Data Arrived at EDR: 11/22/2022  
Date Made Active in Reports: 02/13/2023  
Number of Days to Update: 83

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 02/15/2023  
Next Scheduled EDR Contact: 05/22/2023  
Data Release Frequency: Varies

## INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 01/20/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Varies

## ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 01/13/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: No Update Planned

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 01/27/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Local Lists of Hazardous waste / Contaminated Sites**

### **US HIST CDL: National Clandestine Laboratory Register**

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/06/2023	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 02/02/2023	Telephone: 202-307-1000
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 02/02/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: No Update Planned

### **HIST CAL-SITES: Calsites Database**

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

### **SCH: School Property Evaluation Program**

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/24/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/24/2022	Telephone: 916-323-3400
Date Made Active in Reports: 01/12/2023	Last EDR Contact: 01/24/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/08/2023
	Data Release Frequency: Quarterly

### **CDL: Clandestine Drug Labs**

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2020	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/30/2022	Telephone: 916-255-6504
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 03/22/2023
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Varies

### **TOXIC PITS: Toxic Pits Cleanup Act Sites**

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

### **CERS HAZ WASTE: CERS HAZ WASTE**

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/05/2023  
Date Data Arrived at EDR: 01/06/2023  
Date Made Active in Reports: 01/11/2023  
Number of Days to Update: 5

Source: CalEPA  
Telephone: 916-323-2514  
Last EDR Contact: 01/06/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Quarterly

## US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 01/06/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/10/2023  
Number of Days to Update: 8

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/02/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Quarterly

## Local Lists of Registered Storage Tanks

### SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994  
Date Data Arrived at EDR: 07/07/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/03/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990  
Date Data Arrived at EDR: 01/25/1991  
Date Made Active in Reports: 02/12/1991  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-341-5851  
Last EDR Contact: 07/26/2001  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 11/03/2022  
Date Data Arrived at EDR: 11/07/2022  
Date Made Active in Reports: 01/24/2023  
Number of Days to Update: 78

Source: San Francisco County Department of Public Health  
Telephone: 415-252-3896  
Last EDR Contact: 01/27/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Varies

### CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994  
Date Data Arrived at EDR: 09/05/1995  
Date Made Active in Reports: 09/29/1995  
Number of Days to Update: 24

Source: California Environmental Protection Agency  
Telephone: 916-341-5851  
Last EDR Contact: 12/28/1998  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 01/06/2023	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 01/06/2023	Telephone: 916-323-2514
Date Made Active in Reports: 01/11/2023	Last EDR Contact: 10/17/2022
Number of Days to Update: 5	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Quarterly

## Local Land Records

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/23/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/24/2022	Telephone: 916-323-3400
Date Made Active in Reports: 11/14/2022	Last EDR Contact: 02/23/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 01/25/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/02/2023	Telephone: 202-564-6023
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 03/01/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/10/2023
	Data Release Frequency: Semi-Annually

### DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 11/28/2022	Source: DTSC and SWRCB
Date Data Arrived at EDR: 11/29/2022	Telephone: 916-323-3400
Date Made Active in Reports: 02/13/2023	Last EDR Contact: 02/28/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Semi-Annually

## Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/13/2022	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/14/2022	Telephone: 202-366-4555
Date Made Active in Reports: 03/10/2023	Last EDR Contact: 03/21/2023
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 08/02/2022	Source: Office of Emergency Services
Date Data Arrived at EDR: 10/17/2022	Telephone: 916-845-8400
Date Made Active in Reports: 01/04/2023	Last EDR Contact: 01/20/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Semi-Annually

## LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/02/2022	Source: State Water Quality Control Board
Date Data Arrived at EDR: 12/02/2022	Telephone: 866-480-1028
Date Made Active in Reports: 02/21/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 81	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Quarterly

## MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/02/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/02/2022	Telephone: 866-480-1028
Date Made Active in Reports: 02/21/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 81	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Quarterly

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **Other Ascertainable Records**

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/01/2022  
Date Data Arrived at EDR: 11/10/2022  
Date Made Active in Reports: 02/09/2023  
Number of Days to Update: 91

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 02/14/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Varies

## DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021  
Date Data Arrived at EDR: 07/13/2021  
Date Made Active in Reports: 03/09/2022  
Number of Days to Update: 239

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 01/13/2023  
Next Scheduled EDR Contact: 04/24/2023  
Data Release Frequency: Varies

## FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018  
Date Data Arrived at EDR: 04/11/2018  
Date Made Active in Reports: 11/06/2019  
Number of Days to Update: 574

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 01/03/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: N/A

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021  
Date Data Arrived at EDR: 02/03/2023  
Date Made Active in Reports: 02/10/2023  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 02/02/2023  
Next Scheduled EDR Contact: 05/22/2023  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/13/2022  
Date Data Arrived at EDR: 12/14/2022  
Date Made Active in Reports: 03/10/2023  
Number of Days to Update: 86

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 03/21/2023  
Next Scheduled EDR Contact: 07/03/2023  
Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/30/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017  
Date Data Arrived at EDR: 05/08/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 73

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 02/03/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Varies

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 06/17/2020  
Date Made Active in Reports: 09/10/2020  
Number of Days to Update: 85

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 03/13/2023  
Next Scheduled EDR Contact: 06/26/2023  
Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021  
Date Data Arrived at EDR: 11/01/2022  
Date Made Active in Reports: 02/09/2023  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 02/16/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/17/2022  
Date Data Arrived at EDR: 10/18/2022  
Date Made Active in Reports: 01/10/2023  
Number of Days to Update: 84

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 01/18/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Annually

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/25/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 26

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 03/01/2023  
Next Scheduled EDR Contact: 06/12/2023  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 01/17/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 202-564-6023
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 03/01/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2022	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: 01/04/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/28/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**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: 10/26/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 11/22/2022	Telephone: 301-415-7169
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 01/17/2023
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Quarterly

**COAL ASH DOE: Steam-Electric Plant Operation Data**

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020	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: 03/03/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

**COAL ASH EPA: Coal Combustion Residues Surface Impoundments List**

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	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: 02/27/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

**PCB TRANSFORMER: PCB Transformer Registration Database**

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 02/03/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Varies

**RADINFO: Radiation Information Database**

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019  
Date Data Arrived at EDR: 07/01/2019  
Date Made Active in Reports: 09/23/2019  
Number of Days to Update: 84

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 12/20/2022  
Next Scheduled EDR Contact: 04/10/2023  
Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020  
Date Data Arrived at EDR: 01/28/2020  
Date Made Active in Reports: 04/17/2020  
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 01/24/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Quarterly

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2022  
Date Data Arrived at EDR: 10/21/2022  
Date Made Active in Reports: 01/10/2023  
Number of Days to Update: 81

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/03/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021  
Date Data Arrived at EDR: 03/09/2023  
Date Made Active in Reports: 03/20/2023  
Number of Days to Update: 11

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 03/09/2023  
Next Scheduled EDR Contact: 07/03/2023  
Data Release Frequency: Biennially

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 01/06/2023
Number of Days to Update: 546	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021	Source: Department of Energy
Date Data Arrived at EDR: 07/27/2021	Telephone: 202-586-3559
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 01/30/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 02/13/2023
Number of Days to Update: 74	Next Scheduled EDR Contact: 05/29/2023
	Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/02/2023	Telephone: 703-603-8787
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 03/01/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/10/2023
	Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 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	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/07/2022  
Date Data Arrived at EDR: 11/17/2022  
Date Made Active in Reports: 02/10/2023  
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 02/22/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Semi-Annually

## MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 11/29/2022  
Date Data Arrived at EDR: 11/30/2022  
Date Made Active in Reports: 12/22/2022  
Number of Days to Update: 22

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 02/23/2023  
Next Scheduled EDR Contact: 06/12/2023  
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: 02/24/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 02/24/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/20/2022  
Date Data Arrived at EDR: 12/20/2022  
Date Made Active in Reports: 03/10/2023  
Number of Days to Update: 80

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 03/16/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/03/2022  
Date Data Arrived at EDR: 08/25/2022  
Date Made Active in Reports: 10/24/2022  
Number of Days to Update: 60

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 02/28/2023  
Next Scheduled EDR Contact: 06/12/2023  
Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021  
Date Data Arrived at EDR: 10/20/2022  
Date Made Active in Reports: 01/10/2023  
Number of Days to Update: 82

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 01/09/2023  
Next Scheduled EDR Contact: 04/24/2023  
Data Release Frequency: Varies

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021  
Date Data Arrived at EDR: 05/21/2021  
Date Made Active in Reports: 08/11/2021  
Number of Days to Update: 82

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 02/24/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Varies

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/25/2022  
Date Data Arrived at EDR: 09/30/2022  
Date Made Active in Reports: 12/22/2022  
Number of Days to Update: 83

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 01/04/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Quarterly

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/10/2022  
Date Data Arrived at EDR: 11/10/2022  
Date Made Active in Reports: 02/09/2023  
Number of Days to Update: 91

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 02/14/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Quarterly

## PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/23/2022  
Date Data Arrived at EDR: 07/08/2022  
Date Made Active in Reports: 11/08/2022  
Number of Days to Update: 123

Source: Environmental Protection Agency  
Telephone: 703-603-8895  
Last EDR Contact: 01/10/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Varies

## PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 02/23/2022  
Date Data Arrived at EDR: 03/31/2022  
Date Made Active in Reports: 11/08/2022  
Number of Days to Update: 222

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 01/05/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Varies

## PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 01/03/2022  
Date Data Arrived at EDR: 03/31/2022  
Date Made Active in Reports: 11/08/2022  
Number of Days to Update: 222

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 01/05/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Varies

## PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST\_HANDLING\_INSTR), Non-hazardous waste description (NON\_HAZ\_WASTE\_DESCRIPTION), DOT printed information (DOT\_PRINTED\_INFORMATION), Waste line handling instructions (WASTE\_LINE\_HANDLING\_INSTR), Waste residue comments (WASTE\_RESIDUE\_COMMENTS).

Date of Government Version: 01/03/2022  
Date Data Arrived at EDR: 03/31/2022  
Date Made Active in Reports: 11/08/2022  
Number of Days to Update: 222

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 01/05/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Varies

## PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020  
Date Data Arrived at EDR: 03/17/2021  
Date Made Active in Reports: 11/08/2022  
Number of Days to Update: 601

Source: Department of Health & Human Services  
Telephone: 202-741-5770  
Last EDR Contact: 01/23/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Varies

## PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/03/2022  
Date Data Arrived at EDR: 03/31/2022  
Date Made Active in Reports: 11/08/2022  
Number of Days to Update: 222

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 01/05/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Varies

## PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 01/03/2022  
Date Data Arrived at EDR: 03/31/2022  
Date Made Active in Reports: 11/08/2022  
Number of Days to Update: 222

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 01/05/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Varies

## PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 01/03/2022  
Date Data Arrived at EDR: 03/31/2022  
Date Made Active in Reports: 11/08/2022  
Number of Days to Update: 222

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 01/05/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Varies

## PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilities name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 08/22/2018  
Date Data Arrived at EDR: 03/31/2022  
Date Made Active in Reports: 11/08/2022  
Number of Days to Update: 222

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 01/05/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Varies

## PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 08/22/2018  
Date Data Arrived at EDR: 10/26/2022  
Date Made Active in Reports: 11/08/2022  
Number of Days to Update: 13

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 01/05/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Varies

## PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 12/02/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/02/2022	Telephone: 866-480-1028
Date Made Active in Reports: 02/23/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

## AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 09/06/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/06/2022	Telephone: 916-341-5455
Date Made Active in Reports: 10/26/2022	Last EDR Contact: 03/07/2023
Number of Days to Update: 50	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

## CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	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: 12/14/2022	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 12/14/2022	Telephone: 916-323-3400
Date Made Active in Reports: 03/07/2023	Last EDR Contact: 03/21/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

## CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 12/07/2021	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: 02/10/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**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: 11/14/2022	Source: Antelope Valley Air Quality Management District
Date Data Arrived at EDR: 11/14/2022	Telephone: 661-723-8070
Date Made Active in Reports: 02/01/2023	Last EDR Contact: 02/23/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

**DRYCLEANERS: Cleaner Facilities**

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 09/01/2021	Telephone: 916-327-4498
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 01/24/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Annually

**DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing**  
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/17/2022	Source: South Coast Air Quality Management District
Date Data Arrived at EDR: 11/30/2022	Telephone: 909-396-3211
Date Made Active in Reports: 02/14/2023	Last EDR Contact: 02/15/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

**EMI: Emissions Inventory Data**

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2020	Source: California Air Resources Board
Date Data Arrived at EDR: 06/13/2022	Telephone: 916-322-2990
Date Made Active in Reports: 08/30/2022	Last EDR Contact: 03/16/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 06/26/2023
	Data Release Frequency: Varies

**ENF: Enforcement Action Listing**

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 10/17/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 10/19/2022	Telephone: 916-445-9379
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 01/18/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

**Financial Assurance 1: Financial Assurance Information Listing**  
Financial Assurance information

Date of Government Version: 10/12/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/12/2022	Telephone: 916-255-3628
Date Made Active in Reports: 12/29/2022	Last EDR Contact: 01/13/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

**Financial Assurance 2: Financial Assurance Information Listing**

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/08/2022  
Date Data Arrived at EDR: 11/23/2022  
Date Made Active in Reports: 02/13/2023  
Number of Days to Update: 82

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 02/03/2023  
Next Scheduled EDR Contact: 05/22/2023  
Data Release Frequency: Varies

## ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/10/2022  
Date Data Arrived at EDR: 11/10/2022  
Date Made Active in Reports: 02/01/2023  
Number of Days to Update: 83

Source: Department of Toxic Substances Control  
Telephone: 877-786-9427  
Last EDR Contact: 02/14/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Quarterly

## HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001  
Date Data Arrived at EDR: 01/22/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 76

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/22/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/10/2022  
Date Data Arrived at EDR: 11/10/2022  
Date Made Active in Reports: 02/01/2023  
Number of Days to Update: 83

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/14/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Quarterly

## HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/03/2023  
Date Data Arrived at EDR: 01/04/2023  
Date Made Active in Reports: 03/21/2023  
Number of Days to Update: 76

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 01/04/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Quarterly

## HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2021  
Date Data Arrived at EDR: 07/05/2022  
Date Made Active in Reports: 09/19/2022  
Number of Days to Update: 76

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 01/06/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/02/2022	Source: Department of Conservation
Date Data Arrived at EDR: 12/02/2022	Telephone: 916-322-1080
Date Made Active in Reports: 02/22/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Quarterly

## MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 10/31/2022	Source: Department of Public Health
Date Data Arrived at EDR: 11/29/2022	Telephone: 916-558-1784
Date Made Active in Reports: 02/14/2023	Last EDR Contact: 02/28/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/03/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/03/2022	Telephone: 916-445-9379
Date Made Active in Reports: 01/25/2023	Last EDR Contact: 02/07/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Quarterly

## PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 11/28/2022	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 11/29/2022	Telephone: 916-445-4038
Date Made Active in Reports: 02/14/2023	Last EDR Contact: 02/28/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Quarterly

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/02/2022	Source: Department of Conservation
Date Data Arrived at EDR: 12/02/2022	Telephone: 916-323-3836
Date Made Active in Reports: 02/22/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Quarterly

## NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/07/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/07/2022	Telephone: 916-445-3846
Date Made Active in Reports: 03/01/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/26/2023
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020	Source: City of San Jose Fire Department
Date Data Arrived at EDR: 11/05/2020	Telephone: 408-535-7694
Date Made Active in Reports: 01/26/2021	Last EDR Contact: 01/27/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Annually

## UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 12/02/2022	Source: Department of Conservation
Date Data Arrived at EDR: 12/02/2022	Telephone: 916-445-2408
Date Made Active in Reports: 02/22/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

## UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 12/02/2022	Source: State Water Resource Control Board
Date Data Arrived at EDR: 12/02/2022	Telephone: 866-480-1028
Date Made Active in Reports: 02/21/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 81	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

## WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/01/2021	Telephone: 559-445-5577
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 01/06/2023
Number of Days to Update: 90	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 02/13/2023
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/29/2023
	Data Release Frequency: No Update Planned

## WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 03/16/2023
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: No Update Planned

## MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/02/2022  
Date Data Arrived at EDR: 12/02/2022  
Date Made Active in Reports: 02/21/2023  
Number of Days to Update: 81

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 03/07/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Varies

## PROJECT: Project Sites (GEOTRACKER) Projects sites

Date of Government Version: 12/02/2022  
Date Data Arrived at EDR: 12/02/2022  
Date Made Active in Reports: 02/21/2023  
Number of Days to Update: 81

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 03/07/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Varies

## WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 12/02/2022  
Date Data Arrived at EDR: 12/02/2022  
Date Made Active in Reports: 02/23/2023  
Number of Days to Update: 83

Source: State Water Resources Control Board  
Telephone: 916-341-5810  
Last EDR Contact: 03/07/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Quarterly

## CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/28/2022  
Date Data Arrived at EDR: 11/29/2022  
Date Made Active in Reports: 02/13/2023  
Number of Days to Update: 76

Source: State Water Resources Control Board  
Telephone: 866-794-4977  
Last EDR Contact: 02/28/2023  
Next Scheduled EDR Contact: 06/12/2023  
Data Release Frequency: Varies

## CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 01/05/2023  
Date Data Arrived at EDR: 01/06/2023  
Date Made Active in Reports: 01/10/2023  
Number of Days to Update: 4

Source: California Environmental Protection Agency  
Telephone: 916-323-2514  
Last EDR Contact: 01/06/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

## NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/02/2022  
Date Data Arrived at EDR: 12/02/2022  
Date Made Active in Reports: 02/21/2023  
Number of Days to Update: 81

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 03/07/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/02/2022  
Date Data Arrived at EDR: 12/02/2022  
Date Made Active in Reports: 02/21/2023  
Number of Days to Update: 81

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 03/07/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Varies

## PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/02/2022  
Date Data Arrived at EDR: 12/02/2022  
Date Made Active in Reports: 02/21/2023  
Number of Days to Update: 81

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 03/07/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Varies

## SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 12/02/2022  
Date Data Arrived at EDR: 12/02/2022  
Date Made Active in Reports: 02/21/2023  
Number of Days to Update: 81

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 03/07/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Varies

## WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/02/2022  
Date Data Arrived at EDR: 12/02/2022  
Date Made Active in Reports: 02/21/2023  
Number of Days to Update: 81

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 03/07/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Varies

## MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022  
Date Data Arrived at EDR: 11/22/2022  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 98

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 02/24/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Varies

## HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/05/2022  
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: 01/03/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Varies

## 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: 12/28/2022  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Varies

## PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011  
Date Data Arrived at EDR: 08/05/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 59

Source: EPA, Office of Water  
Telephone: 202-564-2496  
Last EDR Contact: 12/28/2022  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Semi-Annually

## PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014  
Date Data Arrived at EDR: 01/06/2015  
Date Made Active in Reports: 05/06/2015  
Number of Days to Update: 120

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 12/28/2022  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Semi-Annually

## EDR HIGH RISK HISTORICAL RECORDS

### ***EDR Exclusive Records***

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A	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: 12/28/2022
Number of Days to Update: 53	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Semi-Annually

#### UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 12/28/2022	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 12/28/2022	Telephone: 510-567-6700
Date Made Active in Reports: 03/17/2023	Last EDR Contact: 12/28/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 07/22/2022  
Date Data Arrived at EDR: 07/27/2022  
Date Made Active in Reports: 08/01/2022  
Number of Days to Update: 5

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 01/27/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Varies

## BUTTE COUNTY:

### CUPA BUTTE: CUPA Facility Listing Cupa facility list.

Date of Government Version: 04/21/2017  
Date Data Arrived at EDR: 04/25/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 106

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 12/28/2022  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: No Update Planned

## CALVERAS COUNTY:

### CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 12/13/2022  
Date Data Arrived at EDR: 12/15/2022  
Date Made Active in Reports: 12/21/2022  
Number of Days to Update: 6

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 03/16/2023  
Next Scheduled EDR Contact: 07/03/2023  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

### CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 04/06/2020  
Date Data Arrived at EDR: 04/23/2020  
Date Made Active in Reports: 07/10/2020  
Number of Days to Update: 78

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Semi-Annually

## CONTRA COSTA COUNTY:

### SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/20/2022  
Date Data Arrived at EDR: 10/21/2022  
Date Made Active in Reports: 01/10/2023  
Number of Days to Update: 81

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 01/20/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 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: 02/03/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 08/08/2022  
Date Data Arrived at EDR: 08/09/2022  
Date Made Active in Reports: 09/01/2022  
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 01/20/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Varies

## FRESNO COUNTY:

### CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021  
Date Data Arrived at EDR: 12/21/2021  
Date Made Active in Reports: 03/03/2022  
Number of Days to Update: 72

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 12/29/2022  
Next Scheduled EDR Contact: 04/10/2023  
Data Release Frequency: Semi-Annually

## GLENN COUNTY:

### CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018  
Date Data Arrived at EDR: 01/24/2018  
Date Made Active in Reports: 03/14/2018  
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District  
Telephone: 830-934-6500  
Last EDR Contact: 01/13/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: No Update Planned

## HUMBOLDT COUNTY:

### CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 08/12/2021  
Date Data Arrived at EDR: 08/12/2021  
Date Made Active in Reports: 11/08/2021  
Number of Days to Update: 88

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 02/09/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Semi-Annually

## IMPERIAL COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 10/11/2022  
Date Data Arrived at EDR: 10/12/2022  
Date Made Active in Reports: 12/29/2022  
Number of Days to Update: 78

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 01/13/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

## INYO COUNTY:

### CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018  
Date Data Arrived at EDR: 04/03/2018  
Date Made Active in Reports: 06/14/2018  
Number of Days to Update: 72

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 02/09/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Varies

## KERN COUNTY:

### CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/03/2022  
Date Data Arrived at EDR: 10/05/2022  
Date Made Active in Reports: 12/16/2022  
Number of Days to Update: 72

Source: Kern County Public Health  
Telephone: 661-321-3000  
Last EDR Contact: 01/27/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Varies

### UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 10/03/2022  
Date Data Arrived at EDR: 10/05/2022  
Date Made Active in Reports: 12/16/2022  
Number of Days to Update: 72

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 01/27/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Quarterly

## KINGS COUNTY:

### CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020  
Date Data Arrived at EDR: 01/26/2021  
Date Made Active in Reports: 04/14/2021  
Number of Days to Update: 78

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 02/09/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Varies

## LAKE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 11/04/2022  
Date Data Arrived at EDR: 11/07/2022  
Date Made Active in Reports: 01/25/2023  
Number of Days to Update: 79

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 03/10/2023  
Next Scheduled EDR Contact: 04/24/2023  
Data Release Frequency: Varies

## LASSEN COUNTY:

### CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/31/2020  
Date Data Arrived at EDR: 08/21/2020  
Date Made Active in Reports: 11/09/2020  
Number of Days to Update: 80

Source: Lassen County Environmental Health  
Telephone: 530-251-8528  
Last EDR Contact: 01/13/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: N/A  
Telephone: N/A  
Last EDR Contact: 03/09/2023  
Next Scheduled EDR Contact: 06/26/2023  
Data Release Frequency: No Update Planned

### HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/03/2022  
Date Data Arrived at EDR: 10/04/2022  
Date Made Active in Reports: 12/15/2022  
Number of Days to Update: 72

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 12/28/2022  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Semi-Annually

### LF LOS ANGELES: List of Solid Waste Facilities Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/07/2022  
Date Data Arrived at EDR: 10/07/2022  
Date Made Active in Reports: 12/21/2022  
Number of Days to Update: 75

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 01/10/2023  
Next Scheduled EDR Contact: 04/24/2023  
Data Release Frequency: Varies

### LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2022  
Date Data Arrived at EDR: 01/21/2022  
Date Made Active in Reports: 04/11/2022  
Number of Days to Update: 80

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 01/05/2023  
Next Scheduled EDR Contact: 04/24/2023  
Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 03/16/2023
Number of Days to Update: 58	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Varies

## LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 01/10/2022	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: 01/05/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 04/24/2023
	Data Release Frequency: No Update Planned

## LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 11/01/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 12/14/2022	Telephone: 213-978-3800
Date Made Active in Reports: 03/07/2023	Last EDR Contact: 12/14/2022
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/03/2023
	Data Release Frequency: Varies

## LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 11/01/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 12/14/2022	Telephone: 213-978-3800
Date Made Active in Reports: 03/07/2023	Last EDR Contact: 12/14/2022
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/03/2023
	Data Release Frequency: Varies

## SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021	Source: Community Health Services
Date Data Arrived at EDR: 07/09/2021	Telephone: 323-890-7806
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 01/20/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Annually

## UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 01/05/2023
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/24/2023
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST LONG BEACH: City of Long Beach Underground Storage Tank  
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 01/20/2023
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank  
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/18/2022	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/19/2022	Telephone: 310-618-2973
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 01/13/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 02/09/2023
Number of Days to Update: 72	Next Scheduled EDR Contact: 05/29/2023
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites  
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	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: 03/22/2023
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database  
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021	Source: Department of Public Health
Date Data Arrived at EDR: 11/18/2021	Telephone: 707-463-4466
Date Made Active in Reports: 11/22/2021	Last EDR Contact: 02/15/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Annually

MERCED COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA MERCED: CUPA Facility List CUPA facility list.

Date of Government Version: 02/15/2022  
Date Data Arrived at EDR: 02/17/2022  
Date Made Active in Reports: 05/11/2022  
Number of Days to Update: 83

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 01/31/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Varies

## MONO COUNTY:

### CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 02/22/2021  
Date Data Arrived at EDR: 03/02/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 78

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 02/15/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Varies

## MONTEREY COUNTY:

### CUPA MONTEREY: CUPA Facility Listing CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021  
Date Data Arrived at EDR: 10/06/2021  
Date Made Active in Reports: 12/29/2021  
Number of Days to Update: 84

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 03/22/2023  
Next Scheduled EDR Contact: 07/10/2023  
Data Release Frequency: Varies

## NAPA COUNTY:

### LUST NAPA: Sites With Reported Contamination A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017  
Date Data Arrived at EDR: 01/11/2017  
Date Made Active in Reports: 03/02/2017  
Number of Days to Update: 50

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 02/15/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: No Update Planned

### UST NAPA: Closed and Operating Underground Storage Tank Sites Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019  
Date Data Arrived at EDR: 09/09/2019  
Date Made Active in Reports: 10/31/2019  
Number of Days to Update: 52

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 02/15/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA NEVADA: CUPA Facility List CUPA facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/27/2022  
Date Data Arrived at EDR: 10/27/2022  
Date Made Active in Reports: 01/18/2023  
Number of Days to Update: 83

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 01/20/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Varies

## ORANGE COUNTY:

IND\_SITE ORANGE: List of Industrial Site Cleanups  
Petroleum and non-petroleum spills.

Date of Government Version: 05/24/2022  
Date Data Arrived at EDR: 08/09/2022  
Date Made Active in Reports: 10/28/2022  
Number of Days to Update: 80

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 01/31/2023  
Next Scheduled EDR Contact: 05/15/2023  
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: 01/31/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities  
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/24/2022  
Date Data Arrived at EDR: 08/01/2022  
Date Made Active in Reports: 10/20/2022  
Number of Days to Update: 80

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 01/31/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Quarterly

## PLACER COUNTY:

MS PLACER: Master List of Facilities  
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/26/2022  
Date Data Arrived at EDR: 08/29/2022  
Date Made Active in Reports: 11/15/2022  
Number of Days to Update: 78

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 02/13/2023  
Next Scheduled EDR Contact: 06/12/2023  
Data Release Frequency: Semi-Annually

## PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List  
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019  
Date Data Arrived at EDR: 04/23/2019  
Date Made Active in Reports: 06/26/2019  
Number of Days to Update: 64

Source: Plumas County Environmental Health  
Telephone: 530-283-6355  
Last EDR Contact: 01/13/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

## RIVERSIDE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/22/2022

Date Data Arrived at EDR: 09/26/2022

Date Made Active in Reports: 12/09/2022

Number of Days to Update: 74

Source: Department of Environmental Health

Telephone: 951-358-5055

Last EDR Contact: 03/09/2023

Next Scheduled EDR Contact: 06/26/2023

Data Release Frequency: Quarterly

## UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 09/22/2022

Date Data Arrived at EDR: 09/26/2022

Date Made Active in Reports: 12/09/2022

Number of Days to Update: 74

Source: Department of Environmental Health

Telephone: 951-358-5055

Last EDR Contact: 03/09/2023

Next Scheduled EDR Contact: 06/26/2023

Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022

Date Data Arrived at EDR: 12/21/2022

Date Made Active in Reports: 03/16/2023

Number of Days to Update: 85

Source: Sacramento County Environmental Management

Telephone: 916-875-8406

Last EDR Contact: 12/21/2022

Next Scheduled EDR Contact: 04/10/2023

Data Release Frequency: Quarterly

### ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022

Date Data Arrived at EDR: 12/09/2022

Date Made Active in Reports: 03/01/2023

Number of Days to Update: 82

Source: Sacramento County Environmental Management

Telephone: 916-875-8406

Last EDR Contact: 12/09/2022

Next Scheduled EDR Contact: 04/10/2023

Data Release Frequency: Quarterly

## SAN BENITO COUNTY:

### CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 10/27/2022

Date Data Arrived at EDR: 10/28/2022

Date Made Active in Reports: 01/18/2023

Number of Days to Update: 82

Source: San Benito County Environmental Health

Telephone: N/A

Last EDR Contact: 01/27/2023

Next Scheduled EDR Contact: 05/15/2023

Data Release Frequency: Varies

## SAN BERNARDINO COUNTY:

### PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/18/2022  
Date Data Arrived at EDR: 11/21/2022  
Date Made Active in Reports: 02/09/2023  
Number of Days to Update: 80

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 01/30/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

### HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 11/28/2022  
Date Data Arrived at EDR: 11/29/2022  
Date Made Active in Reports: 02/14/2023  
Number of Days to Update: 77

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 02/28/2023  
Next Scheduled EDR Contact: 06/12/2023  
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: 01/13/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

### SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021  
Date Data Arrived at EDR: 10/19/2021  
Date Made Active in Reports: 01/13/2022  
Number of Days to Update: 86

Source: Department of Environmental Health  
Telephone: 858-505-6874  
Last EDR Contact: 01/13/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

### SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010  
Date Data Arrived at EDR: 06/15/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 02/23/2023  
Next Scheduled EDR Contact: 06/12/2023  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing  
Cupa facilities

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/03/2022  
Date Data Arrived at EDR: 11/07/2022  
Date Made Active in Reports: 01/25/2023  
Number of Days to Update: 79

Source: San Francisco County Department of Environmental Health  
Telephone: 415-252-3896  
Last EDR Contact: 01/27/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Varies

## LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 01/27/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: No Update Planned

## UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/03/2022  
Date Data Arrived at EDR: 11/07/2022  
Date Made Active in Reports: 01/24/2023  
Number of Days to Update: 78

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 01/27/2023  
Next Scheduled EDR Contact: 05/15/2023  
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: 10/11/2022  
Date Data Arrived at EDR: 10/14/2022  
Date Made Active in Reports: 01/04/2023  
Number of Days to Update: 82

Source: San Francisco Planning  
Telephone: 628-652-7483  
Last EDR Contact: 01/13/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

## SAN JOAQUIN COUNTY:

### UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018  
Date Data Arrived at EDR: 06/26/2018  
Date Made Active in Reports: 07/11/2018  
Number of Days to Update: 15

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 03/09/2023  
Next Scheduled EDR Contact: 06/26/2023  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/08/2022  
Date Data Arrived at EDR: 11/09/2022  
Date Made Active in Reports: 02/01/2023  
Number of Days to Update: 84

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 02/09/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Varies

## SAN MATEO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 03/10/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Annually

## LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019  
Date Data Arrived at EDR: 03/29/2019  
Date Made Active in Reports: 05/29/2019  
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 03/02/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

### CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 02/09/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: No Update Planned

## SANTA CLARA COUNTY:

### CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 10/28/2022  
Date Data Arrived at EDR: 11/01/2022  
Date Made Active in Reports: 01/20/2023  
Number of Days to Update: 80

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 02/09/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Varies

### HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 02/15/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: No Update Planned

## SANTA CRUZ COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SANTA CRUZ: CUPA Facility List CUPA facility listing.

Date of Government Version: 01/21/2017  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 05/23/2017  
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 02/09/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Varies

## SHASTA COUNTY:

### CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017  
Date Data Arrived at EDR: 06/19/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 51

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 02/09/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Varies

## SOLANO COUNTY:

### LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019  
Date Data Arrived at EDR: 06/06/2019  
Date Made Active in Reports: 08/13/2019  
Number of Days to Update: 68

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 02/23/2023  
Next Scheduled EDR Contact: 06/12/2023  
Data Release Frequency: Quarterly

### UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021  
Date Data Arrived at EDR: 09/16/2021  
Date Made Active in Reports: 12/09/2021  
Number of Days to Update: 84

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 02/23/2023  
Next Scheduled EDR Contact: 06/12/2023  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 07/02/2021  
Date Data Arrived at EDR: 07/06/2021  
Date Made Active in Reports: 07/14/2021  
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 06/28/2021  
Next Scheduled EDR Contact: 07/03/2023  
Data Release Frequency: Varies

### LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021  
Date Data Arrived at EDR: 06/30/2021  
Date Made Active in Reports: 09/24/2021  
Number of Days to Update: 86

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 03/16/2023  
Next Scheduled EDR Contact: 07/03/2023  
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: 01/09/2023  
Next Scheduled EDR Contact: 04/24/2023  
Data Release Frequency: Varies

## SUTTER COUNTY:

### UST SUTTER: Underground Storage Tanks Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2022  
Date Data Arrived at EDR: 08/25/2022  
Date Made Active in Reports: 11/14/2022  
Number of Days to Update: 81

Source: Sutter County Environmental Health Services  
Telephone: 530-822-7500  
Last EDR Contact: 02/23/2023  
Next Scheduled EDR Contact: 06/12/2023  
Data Release Frequency: Semi-Annually

## TEHAMA COUNTY:

### CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 11/17/2022  
Date Data Arrived at EDR: 11/21/2022  
Date Made Active in Reports: 02/10/2023  
Number of Days to Update: 81

Source: Tehama County Department of Environmental Health  
Telephone: 530-527-8020  
Last EDR Contact: 01/27/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Varies

## TRINITY COUNTY:

### CUPA TRINITY: CUPA Facility List Cupa facility list

Date of Government Version: 10/11/2022  
Date Data Arrived at EDR: 10/12/2022  
Date Made Active in Reports: 12/29/2022  
Number of Days to Update: 78

Source: Department of Toxic Substances Control  
Telephone: 760-352-0381  
Last EDR Contact: 01/13/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

## TULARE COUNTY:

### CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 10/07/2022  
Date Data Arrived at EDR: 10/07/2022  
Date Made Active in Reports: 12/21/2022  
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division  
Telephone: 559-624-7400  
Last EDR Contact: 01/27/2023  
Next Scheduled EDR Contact: 05/15/2023  
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: 01/13/2023
Number of Days to Update: 61	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

## VENTURA COUNTY:

### BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2022	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 10/19/2022	Telephone: 805-654-2813
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Quarterly

### LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	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: 03/22/2023
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: No Update Planned

### LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	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: 02/02/2023
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: No Update Planned

### MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2022	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 10/20/2022	Telephone: 805-654-2813
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Quarterly

### UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/28/2022	Source: Environmental Health Division
Date Data Arrived at EDR: 12/02/2022	Telephone: 805-654-2813
Date Made Active in Reports: 02/23/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 06/19/2023
	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: 12/19/2022	Source: Yolo County Department of Health
Date Data Arrived at EDR: 12/27/2022	Telephone: 530-666-8646
Date Made Active in Reports: 03/17/2023	Last EDR Contact: 03/22/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List  
CUPA facility listing for Yuba County.

Date of Government Version: 10/25/2022	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 10/26/2022	Telephone: 530-749-7523
Date Made Active in Reports: 10/31/2022	Last EDR Contact: 01/20/2023
Number of Days to Update: 5	Next Scheduled EDR Contact: 05/08/2023
	Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/16/2022	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/16/2022	Telephone: 860-424-3375
Date Made Active in Reports: 02/06/2023	Last EDR Contact: 02/10/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/22/2023
	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: 12/28/2022
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019	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: 01/27/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/08/2023
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018  
Date Data Arrived at EDR: 07/19/2019  
Date Made Active in Reports: 09/10/2019  
Number of Days to Update: 53

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/06/2023  
Next Scheduled EDR Contact: 04/24/2023  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 11/30/2021  
Date Made Active in Reports: 02/18/2022  
Number of Days to Update: 80

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/13/2022  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 06/19/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 76

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 03/06/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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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, 2010 and 2015 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

### STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

SARITA PRASAD SAC  
3200 RIO LINDA BOULEVARD  
SACRAMENTO, CA 95815

### TARGET PROPERTY COORDINATES

Latitude (North):	38.625387 - 38° 37' 31.39"
Longitude (West):	121.445858 - 121° 26' 45.09"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	635289.8
UTM Y (Meters):	4276145.0
Elevation:	30 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	12021639 RIO LINDA, CA
Version Date:	2018
South Map:	12021645 SACRAMENTO EAST, 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).

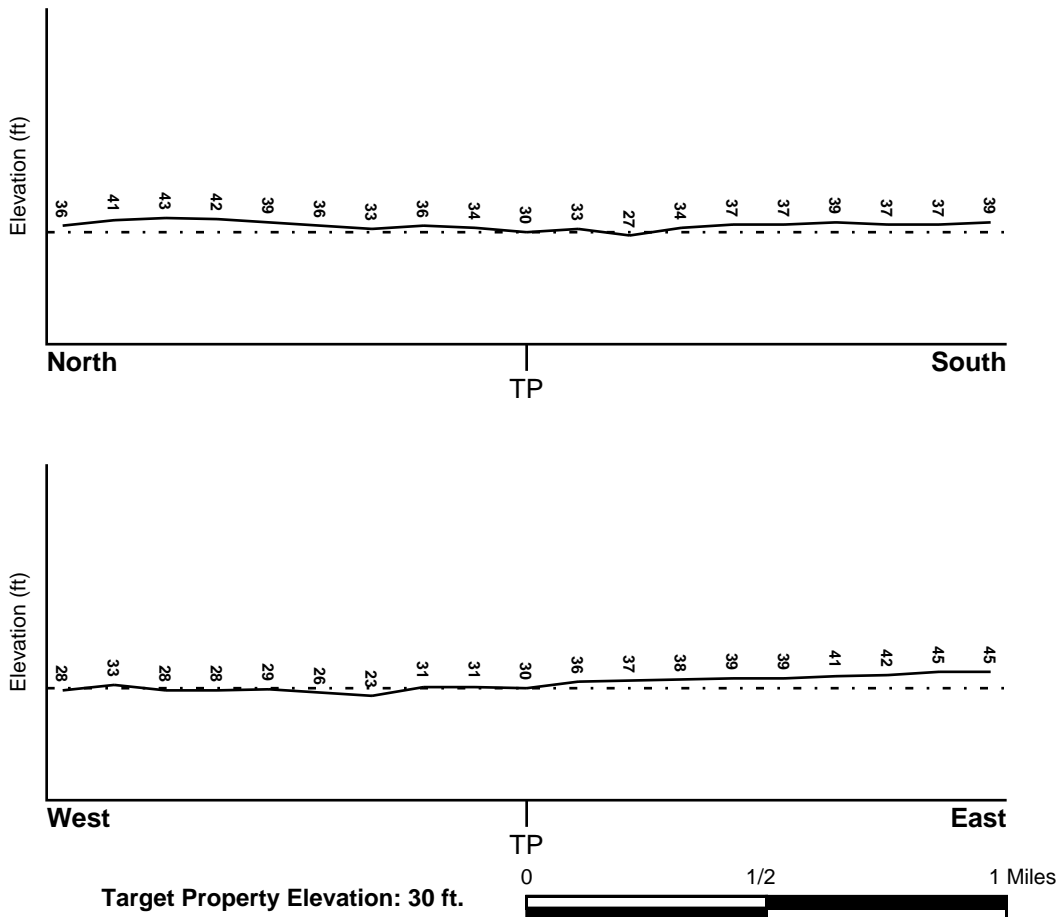
## TOPOGRAPHIC INFORMATION

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 SW

## 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>
06067C0064J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06067C0068H	FEMA FIRM Flood data
06067C0177J	FEMA FIRM Flood data
06067C0181H	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
RIO LINDA	YES - refer to the Overview Map and Detail Map

## **HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### ***Site-Specific Hydrogeological Data\*:***

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

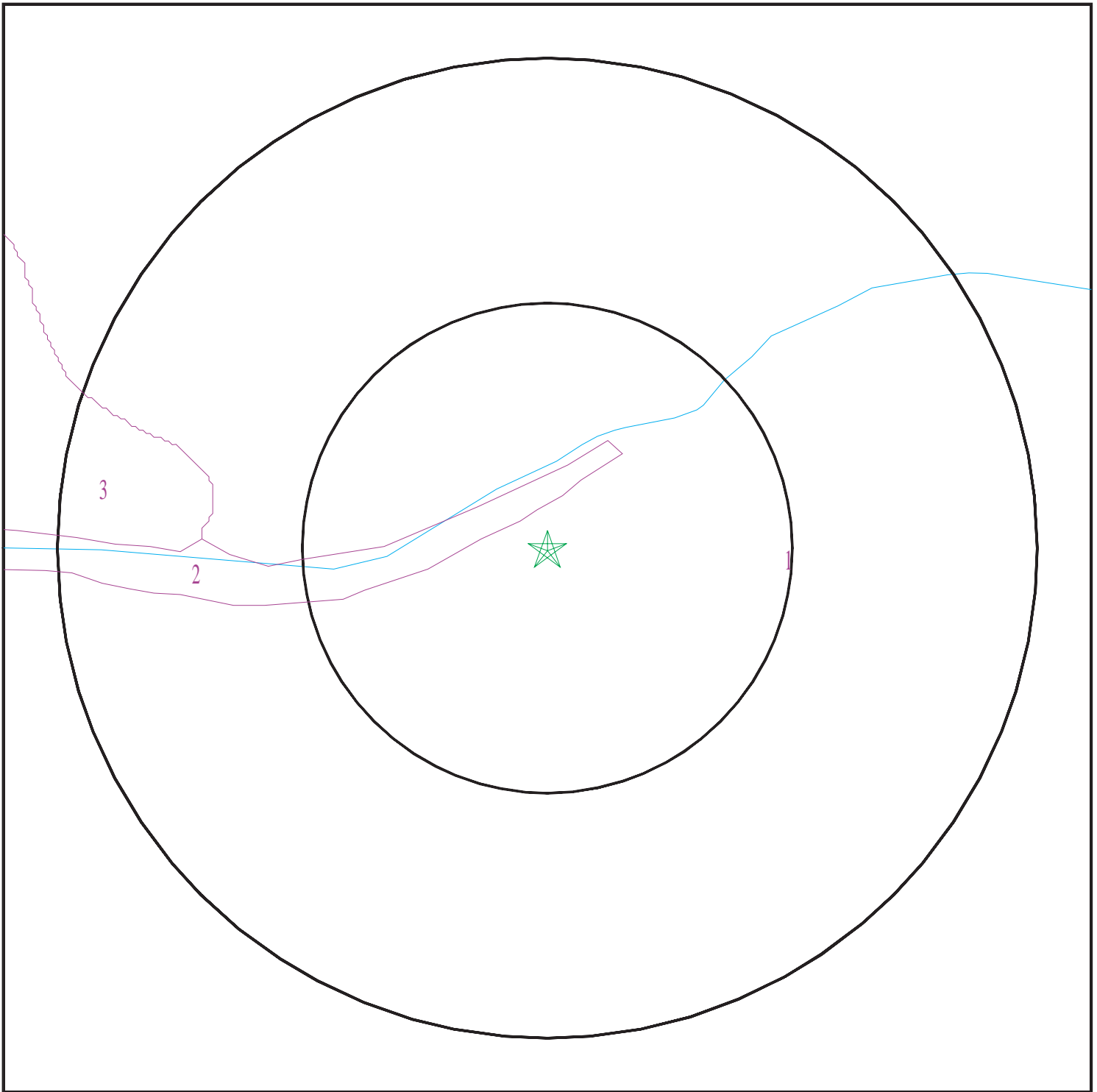
Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### **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 - 7287764.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Sarita Prasad SAC  
ADDRESS: 3200 Rio Linda Boulevard  
Sacramento CA 95815  
LAT/LONG: 38.625387 / 121.445858

CLIENT: Soar Environmental Consulting, Inc.  
CONTACT: Marcus Patton  
INQUIRY #: 7287764.2s  
DATE: March 23, 2023 1:43 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

### Soil Map ID: 1

Soil Component Name: SAN JOAQUIN

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: 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	12 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
2	12 inches	29 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
3	29 inches	35 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
4	35 inches	59 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
5	59 inches	66 inches	stratified sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

---

### Soil Map ID: 2

Soil Component Name: Water

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:  
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

---

### Soil Map ID: 3

Soil Component Name: SAN JOAQUIN

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
2	12 inches	29 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
3	29 inches	35 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
4	35 inches	59 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
5	59 inches	66 inches	stratified sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

### 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>
C13	USGS40000189583	1/8 - 1/4 Mile SSW
D21	USGS40000189580	1/4 - 1/2 Mile SSE
H33	USGS40000189607	1/2 - 1 Mile ENE
37	USGS40000189600	1/2 - 1 Mile West
I39	USGS40000189605	1/2 - 1 Mile ENE
M56	USGS40000189623	1/2 - 1 Mile NE
O67	USGS40000189578	1/2 - 1 Mile ESE
Q72	USGS40000189601	1/2 - 1 Mile East
R74	USGS40000189641	1/2 - 1 Mile North
U86	USGS40000189527	1/2 - 1 Mile SSW
V88	USGS40000189596	1/2 - 1 Mile West
Z99	USGS40000189540	1/2 - 1 Mile SW
Y109	USGS40000189523	1/2 - 1 Mile SSE

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	CAEDF00000006161	0 - 1/8 Mile WNW
A2	CAEDF0000079851	0 - 1/8 Mile WNW
A3	CAEDF0000021625	0 - 1/8 Mile SE
A4	CAEDF0000119949	0 - 1/8 Mile South
A5	CAEDF0000092286	0 - 1/8 Mile ESE
A6	CAEDF0000038535	0 - 1/8 Mile SW
A7	CAEDF0000114448	0 - 1/8 Mile SE
A8	CAEDF0000100701	0 - 1/8 Mile South
A9	CAEDF0000017252	0 - 1/8 Mile East
A10	CAEDF0000084798	0 - 1/8 Mile SSW
B11	CAEDF0000081250	0 - 1/8 Mile SE
B12	CAEDF0000084009	0 - 1/8 Mile ESE
C14	CADWR9000039862	1/8 - 1/4 Mile South

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C15	CADDW0000014032	1/8 - 1/4 Mile SSW
C16	9026	1/8 - 1/4 Mile SSW
C17	CALLNL000001369	1/8 - 1/4 Mile SSW
18	9010	1/4 - 1/2 Mile North
D19	9025	1/4 - 1/2 Mile SSE
D20	CALLNL000001410	1/4 - 1/2 Mile SSE
D22	CADDW0000017382	1/4 - 1/2 Mile SSE
D23	CADWR9000039858	1/4 - 1/2 Mile SSE
24	CADDW0000001022	1/4 - 1/2 Mile SE
E25	CAEDF0000068068	1/2 - 1 Mile North
F26	CADDW0000016612	1/2 - 1 Mile West
E27	CAEDF0000110506	1/2 - 1 Mile North
E28	CAEDF0000068298	1/2 - 1 Mile North
E29	CAEDF0000094543	1/2 - 1 Mile North
G30	9011	1/2 - 1 Mile ENE
G31	CALLNL000001422	1/2 - 1 Mile ENE
G32	CADDW0000003074	1/2 - 1 Mile ENE
F34	9019	1/2 - 1 Mile West
H35	CADWR9000039882	1/2 - 1 Mile ENE
I36	9012	1/2 - 1 Mile ENE
38	CADDW0000004474	1/2 - 1 Mile SSW
J40	CADWR9000039828	1/2 - 1 Mile South
K41	CADDW0000017882	1/2 - 1 Mile ENE
J42	CAEDF0000075487	1/2 - 1 Mile South
J43	CAEDF0000048034	1/2 - 1 Mile South
J44	CAEDF0000083533	1/2 - 1 Mile South
K45	CAEDF0000042074	1/2 - 1 Mile ENE
L46	CAEDF0000048673	1/2 - 1 Mile ENE
K47	CAEDF0000079394	1/2 - 1 Mile ENE
K48	CALLNL000000722	1/2 - 1 Mile ENE
K49	CAEDF0000005035	1/2 - 1 Mile ENE
K50	CAEDF0000044929	1/2 - 1 Mile ENE
K51	CAEDF0000062491	1/2 - 1 Mile ENE
L52	CAEDF0000102645	1/2 - 1 Mile ENE
L53	CAEDF0000035987	1/2 - 1 Mile ENE
L54	CAEDF0000107962	1/2 - 1 Mile ENE
L55	CAEDF0000008277	1/2 - 1 Mile ENE
M57	CADWR9000039897	1/2 - 1 Mile NE
L58	CAEDF0000037234	1/2 - 1 Mile ENE
L59	CAEDF0000130322	1/2 - 1 Mile ENE
L60	CAEDF0000108525	1/2 - 1 Mile ENE
N61	9027	1/2 - 1 Mile ESE
N62	CALLNL000001442	1/2 - 1 Mile ESE
O63	CADDW0000002456	1/2 - 1 Mile ESE
64	CADWR9000039868	1/2 - 1 Mile West
O65	CADWR9000039857	1/2 - 1 Mile ESE
66	CAEDF0000091176	1/2 - 1 Mile ENE
P68	9009	1/2 - 1 Mile NE
69	9022	1/2 - 1 Mile SW
O70	CAUSGSN00008770	1/2 - 1 Mile ESE
Q71	9024	1/2 - 1 Mile East
Q73	CADWR9000039875	1/2 - 1 Mile East

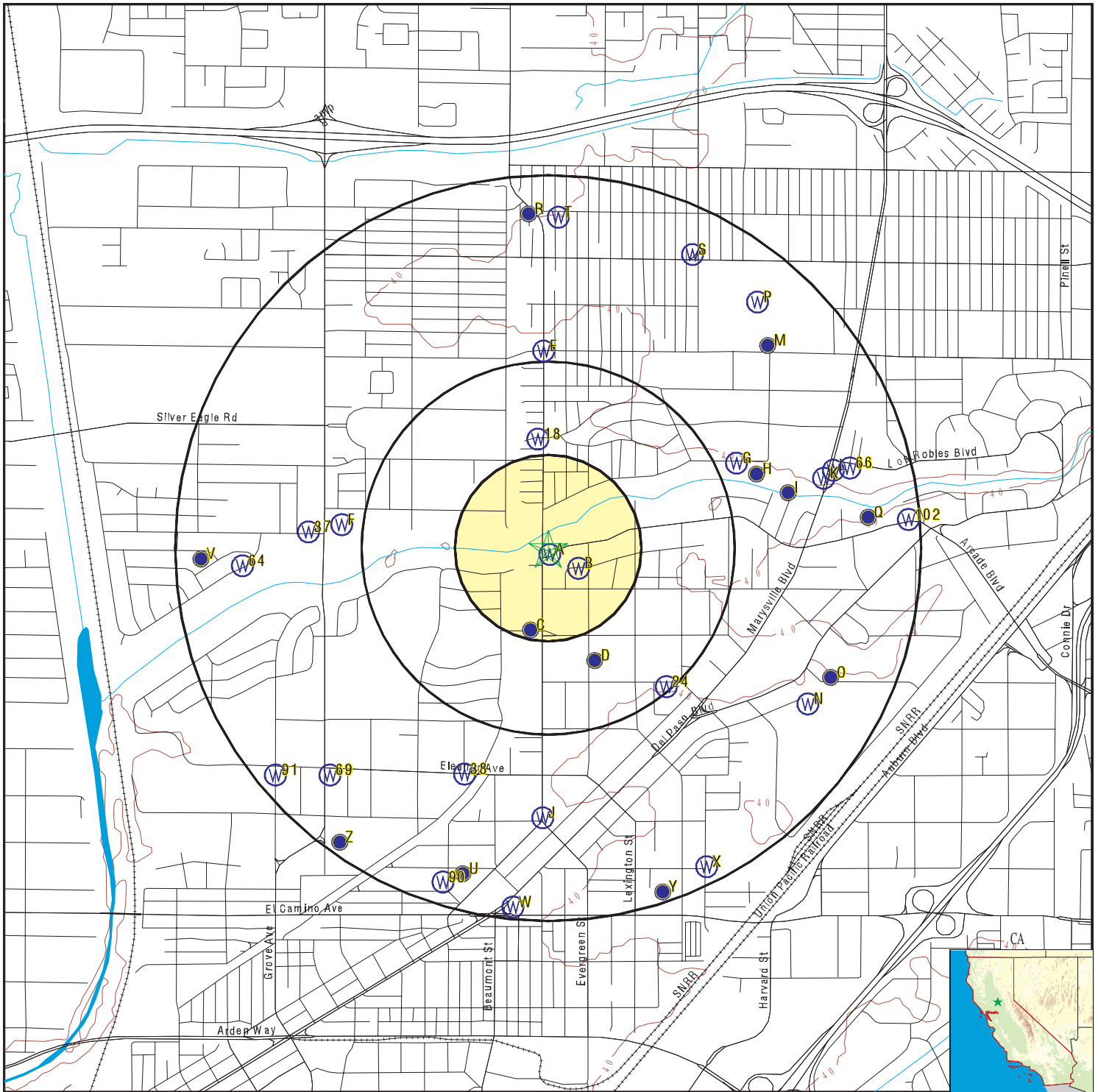


## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
S75	CAEDF0000062143	1/2 - 1 Mile NNE
T76	CADWR9000039911	1/2 - 1 Mile North
S77	CAEDF0000128696	1/2 - 1 Mile NNE
U78	CALLNL000000605	1/2 - 1 Mile SSW
S79	CAEDF0000064294	1/2 - 1 Mile NNE
P80	CADDW0000013737	1/2 - 1 Mile NE
Q81	CADDW0000006461	1/2 - 1 Mile East
R82	CADDW0000015196	1/2 - 1 Mile North
U83	CADDW0000022718	1/2 - 1 Mile SSW
T84	CALLNL000000074	1/2 - 1 Mile North
V85	CADDW0000017956	1/2 - 1 Mile West
R87	9008	1/2 - 1 Mile North
W89	CAEDF0000082220	1/2 - 1 Mile South
90	9023	1/2 - 1 Mile SSW
91	9021	1/2 - 1 Mile SW
W92	CAEDF0000119685	1/2 - 1 Mile South
X93	CADWR0000007909	1/2 - 1 Mile SSE
X94	CADWR0000020618	1/2 - 1 Mile SSE
Y95	CADDW0000005459	1/2 - 1 Mile SSE
V96	9020	1/2 - 1 Mile West
W97	CAEDF0000128314	1/2 - 1 Mile South
W98	CAEDF0000050048	1/2 - 1 Mile South
Z100	CAEDF0000041217	1/2 - 1 Mile SW
Z101	CADDW0000004432	1/2 - 1 Mile SW
102	CADWR9000039873	1/2 - 1 Mile East
W103	CAEDF0000062832	1/2 - 1 Mile South
W104	CAEDF0000102280	1/2 - 1 Mile South
W105	CAEDF0000014859	1/2 - 1 Mile South
W106	CAEDF0000133632	1/2 - 1 Mile South
W107	CAEDF0000106191	1/2 - 1 Mile South
W108	CAEDF0000122429	1/2 - 1 Mile South

# PHYSICAL SETTING SOURCE MAP - 7287764.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Sarita Prasad SAC  
 ADDRESS: 3200 Rio Linda Boulevard  
 Sacramento CA 95815  
 LAT/LONG: 38.625387 / 121.445858

CLIENT: Soar Environmental Consulting, Inc.  
 CONTACT: Marcus Patton  
 INQUIRY #: 7287764.2s  
 DATE: March 23, 2023 1:43 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**  
**WNW**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CAEDF000006161**

Well ID: T0606701131-MW-9      Well Type: MONITORING  
 Source: EDF      Other Name: MW-9  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606701131&assigned\\_name=MW-9&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701131&assigned_name=MW-9&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606701131&assigned\\_name=MW-9](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701131&assigned_name=MW-9)

**A2**  
**WNW**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CAEDF0000079851**

Well ID: T0606701131-MW-1      Well Type: MONITORING  
 Source: EDF      Other Name: MW-1  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606701131&assigned\\_name=MW-1&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701131&assigned_name=MW-1&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606701131&assigned\\_name=MW-1](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701131&assigned_name=MW-1)

**A3**  
**SE**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CAEDF0000021625**

Well ID: T0606701131-MW-3      Well Type: MONITORING  
 Source: EDF      Other Name: MW-3  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606701131&assigned\\_name=MW-3&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701131&assigned_name=MW-3&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606701131&assigned\\_name=MW-3](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701131&assigned_name=MW-3)

**A4**  
**South**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CAEDF0000119949**

Well ID: T0606701131-MW-2      Well Type: MONITORING  
 Source: EDF      Other Name: MW-2  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606701131&assigned\\_name=MW-2&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701131&assigned_name=MW-2&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606701131&assigned\\_name=MW-2](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701131&assigned_name=MW-2)

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A5**  
**ESE**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CAEDF0000092286**

Well ID:	T0606701131-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
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=T0606701131&amp;assigned_name=MW-7&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606701131&amp;assigned_name=MW-7&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-7">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-7</a>		

**A6**  
**SW**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CAEDF0000038535**

Well ID:	T0606701131-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
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=T0606701131&amp;assigned_name=MW-6&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606701131&amp;assigned_name=MW-6&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-6">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-6</a>		

**A7**  
**SE**  
**0 - 1/8 Mile**  
**Lower**

**CA WELLS      CAEDF0000114448**

Well ID:	T0606701131-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
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=T0606701131&amp;assigned_name=MW-4&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606701131&amp;assigned_name=MW-4&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-4">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-4</a>		

**A8**  
**South**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CAEDF0000100701**

Well ID:	T0606701131-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
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=T0606701131&amp;assigned_name=MW-5&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606701131&amp;assigned_name=MW-5&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-5">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-5</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A9**  
**East**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CAEDF0000017252**

Well ID:	T0606701131-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
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=T0606701131&amp;assigned_name=MW-11&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606701131&amp;assigned_name=MW-11&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-11">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-11</a>		

**A10**  
**SSW**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CAEDF0000084798**

Well ID:	T0606701131-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
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=T0606701131&amp;assigned_name=MW-8&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606701131&amp;assigned_name=MW-8&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-8">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-8</a>		

**B11**  
**SE**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CAEDF0000081250**

Well ID:	T0606701131-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
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=T0606701131&amp;assigned_name=MW-10&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606701131&amp;assigned_name=MW-10&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-10">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-10</a>		

**B12**  
**ESE**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CAEDF0000084009**

Well ID:	T0606701131-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
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=T0606701131&amp;assigned_name=MW-12&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606701131&amp;assigned_name=MW-12&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-12">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701131&amp;assigned_name=MW-12</a>		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**C13**  
**SSW**  
**1/8 - 1/4 Mile**  
**Lower**

**FED USGS      USGS40000189583**

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18020111
Monitor Location:	009N005E21E002M	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:	330
Aquifer:	Central Valley aquifer system	Well Hole Depth:	370
Formation Type:	Not Reported		
Construction Date:	19650501		
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

**C14**  
**South**  
**1/8 - 1/4 Mile**  
**Lower**

**CA WELLS      CADWR9000039862**

State Well #:	09N05E21E002M	Station ID:	52237
Well Name:	SAC-143	Basin Name:	North American
Well Use:	Other	Well Type:	Single Well
Well Depth:	330	Well Completion Rpt #:	77994

**C15**  
**SSW**  
**1/8 - 1/4 Mile**  
**Lower**

**CA WELLS      CADDW0000014032**

Well ID:	3410020-045	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 143	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=3410020-045&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3410020-045&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**C16**  
**SSW**  
**1/8 - 1/4 Mile**  
**Higher**

**CA WELLS      9026**

Seq:	9026	Prim sta c:	09N/05E-21E02 M
Frds no:	3410020045	County:	34
District:	09	User id:	TEN
System no:	3410020	Water type:	G
Source nam:	WELL 143	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	383720.0	Longitude:	1212645.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comment 7:	Not Reported		
System no:	3410020	System nam:	Sacramento, City Of
Hqname:	SACRAMENTO CITY-DIV WTR & SWR	Address:	1391 35th Avenue
City:	Sacramento	State:	Ca
Zip:	95822	Zip ext:	Not Reported
Pop serv:	374600	Connection:	120339
Area serve:	SACRAMENTO MAIN		
Sample date:	09-MAY-17	Finding:	334.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-17	Finding:	165.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-17	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	09-MAY-17	Finding:	480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	09-MAY-17	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	09-MAY-17	Finding:	4.5
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	09-MAY-17	Finding:	30.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-17	Finding:	23.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-17	Finding:	30.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-17	Finding:	201.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-17	Finding:	8.e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	09-MAY-17	Finding:	11.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	09-MAY-17	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	09-MAY-17	Finding:	11.7

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	09-MAY-17	Finding:	1.8
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	09-MAY-17	Finding:	47.1
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-17	Finding:	193.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	11-OCT-16	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	26-JUL-16	Finding:	3.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	26-JUL-16	Finding:	3.1
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	16-DEC-14	Finding:	4.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	14-OCT-14	Finding:	8.1
Chemical:	NITRATE (AS NO <sub>3</sub> )	Report units:	MG/L
Dir:	2.		
Sample date:	08-SEP-14	Finding:	1840.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-SEP-14	Finding:	9.e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	08-SEP-14	Finding:	342.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	106.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	08-SEP-14	Finding:	2.3
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	08-SEP-14	Finding:	0.17
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	08-SEP-14	Finding:	11.5
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	08-SEP-14	Finding:	45.7
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	2.6
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	28.3
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	21.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	26.7
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	174.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	156.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	156.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	7.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	08-SEP-14	Finding:	480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	08-SEP-14	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	08-SEP-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	08-SEP-14	Finding:	30.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	160.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	7.72
Chemical:	PH, LABORATORY	Report units:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	08-SEP-14	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-OCT-13	Finding:	7.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-OCT-12	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-OCT-12	Finding:	0.497
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.7
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.39
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.36
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		

**C17  
SSW  
1/8 - 1/4 Mile  
Higher**

**CA WELLS      CALLNL000001369**

Well ID:	101241	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	09N/05E-21E02 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		
Chemical:	Helium-4	Results:	.00000146316
Units:	cm3STP/g	Date:	11/14/2002
Chemical:	Xenon	Results:	.0000000117778
Units:	cm3STP/g	Date:	11/14/2002
Chemical:	Tritium (Hydrogen 3)	Results:	4.02
Units:	pCi/L	Date:	12/12/2002
Chemical:	Argon	Results:	.000394526
Units:	cm3STP/g	Date:	11/14/2002
Chemical:	Neon	Results:	.000000259675
Units:	cm3STP/g	Date:	11/14/2002

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical:	Krypton	Results:	.0000000845513
Units:	cm3STP/g	Date:	11/14/2002

Chemical:	Helium-3/Helium-4	Results:	.000000477334
Units:	atom ratio	Date:	11/14/2002

**18  
North  
1/4 - 1/2 Mile  
Higher**

**CA WELLS    9010**

Seq:	9010	Prim sta c:	09N/05E-16N03 M
Frds no:	3400196001	County:	34
District:	64	User id:	34C
System no:	3400196	Water type:	G
Source nam:	WELL A	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	383747.0	Longitude:	1212643.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3400196	System nam:	Davis Water System
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

**D19  
SSE  
1/4 - 1/2 Mile  
Higher**

**CA WELLS    9025**

Seq:	9025	Prim sta c:	09N/05E-21E01 M
Frds no:	3410020027	County:	34
District:	09	User id:	TEN
System no:	3410020	Water type:	G
Source nam:	WELL 120	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	383717.0	Longitude:	1212634.0
Precision:	3	Status:	AR
Comment 1:	AT 2938 BRANCH ST	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:	3410020	System nam:	Sacramento, City Of
Hqname:	SACRAMENTO CITY-DIV WTR & SWR	Address:	1391 35th Avenue
City:	Sacramento	State:	Ca
Zip:	95822	Zip ext:	Not Reported
Pop serv:	374600	Connection:	120339
Area serve:	SACRAMENTO MAIN		

Sample date:	26-FEB-18	Finding:	0.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	26-FEB-18	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-MAY-17	Finding:	142.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	116.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	08-MAY-17	Finding:	420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	08-MAY-17	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	08-MAY-17	Finding:	3.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	08-MAY-17	Finding:	39.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	15.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	24.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	8.e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	08-MAY-17	Finding:	133.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	0.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-MAY-17	Finding:	11.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	08-MAY-17	Finding:	0.8
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-MAY-17	Finding:	59.4
Chemical:	CHLORIDE	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	08-MAY-17	Finding:	5.2
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	08-MAY-17	Finding:	294.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	11-OCT-16	Finding:	0.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-OCT-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-OCT-15	Finding:	1100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-OCT-15	Finding:	0.14
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	16-DEC-14	Finding:	3.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	14-OCT-14	Finding:	4.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	08-SEP-14	Finding:	8.e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	08-SEP-14	Finding:	4.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	08-SEP-14	Finding:	286.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	2.3
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	08-SEP-14	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	08-SEP-14	Finding:	5.9
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	08-SEP-14	Finding:	55.4
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	08-SEP-14	Finding:	2.9
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	33.6
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	14.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	21.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	131.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	112.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	112.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	7.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	08-SEP-14	Finding:	410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	08-SEP-14	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	08-SEP-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	08-SEP-14	Finding:	23.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	140.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	7.87
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	08-SEP-14	Finding:	1060.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.4		
Sample date:	15-OCT-13	Finding:	4.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-OCT-12	Finding:	0.499
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.29
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.57
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	0.12
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	10-OCT-12	Finding:	4.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-OCT-12	Finding:	1.97
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		

**D20  
SSE  
1/4 - 1/2 Mile  
Higher**

**CA WELLS      CALLNL000001410**

Well ID:	101240	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	09N/05E-21E01 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		
Chemical:	Argon	Results:	.000469768
Units:	cm3STP/g	Date:	11/14/2002
Chemical:	Helium-4	Results:	.00000250961
Units:	cm3STP/g	Date:	11/14/2002
Chemical:	Xenon	Results:	.0000000120872
Units:	cm3STP/g	Date:	11/14/2002
Chemical:	Neon	Results:	.000000348274
Units:	cm3STP/g	Date:	11/14/2002
Chemical:	Helium-3/Helium-4	Results:	.000000498829
Units:	atom ratio	Date:	11/14/2002

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical:	Krypton	Results:	.0000000944306
Units:	cm3STP/g	Date:	11/14/2002

Chemical:	Tritium (Hydrogen 3)	Results:	.16
Units:	pCi/L	Date:	02/20/2003

**D21  
SSE  
1/4 - 1/2 Mile  
Higher**

**FED USGS      USGS40000189580**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	009N005E21E001M	Type:	Well
Description:	Not Reported	HUC:	18020111
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19460101	Well Depth:	440
Well Depth Units:	ft	Well Hole Depth:	440
Well Hole Depth Units:	ft		

**D22  
SSE  
1/4 - 1/2 Mile  
Higher**

**CA WELLS      CADDW0000017382**

Well ID:	3410020-027	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 120	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=3410020-027&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3410020-027&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**D23  
SSE  
1/4 - 1/2 Mile  
Higher**

**CA WELLS      CADWR9000039858**

State Well #:	09N05E21E001M	Station ID:	52225
Well Name:	SAC-120	Basin Name:	North American
Well Use:	Other	Well Type:	Single Well
Well Depth:	440	Well Completion Rpt #:	Not Reported

**24  
SE  
1/4 - 1/2 Mile  
Higher**

**CA WELLS      CADDW0000001022**

Well ID:	3400196-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	MAIN WELL	GAMA PFAS Testing:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp\\_date=&global\\_id=&assigned\\_name=3400196-001&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3400196-001&store_num=)  
 GeoTracker Data: Not Reported

**E25**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000068068**

Well ID: T0606792237-MW4      Well Type: MONITORING  
 Source: EDF      Other Name: MW4  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606792237&assigned\\_name=MW4&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606792237&assigned_name=MW4&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606792237&assigned\\_name=MW4](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606792237&assigned_name=MW4)

**F26**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADDW0000016612**

Well ID: 3410020-031      Well Type: MUNICIPAL  
 Source: Department of Health Services  
 Other Name: WELL 125 - ABANDONED      GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp\\_date=&global\\_id=&assigned\\_name=3410020-031&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3410020-031&store_num=)  
 GeoTracker Data: Not Reported

**E27**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000110506**

Well ID: T0606792237-MW3      Well Type: MONITORING  
 Source: EDF      Other Name: MW3  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606792237&assigned\\_name=MW3&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606792237&assigned_name=MW3&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606792237&assigned\\_name=MW3](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606792237&assigned_name=MW3)

**E28**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000068298**

Well ID: T0606792237-MW2      Well Type: MONITORING  
 Source: EDF      Other Name: MW2  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606792237&assigned\\_name=MW2&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606792237&assigned_name=MW2&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606792237&assigned\\_name=MW2](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606792237&assigned_name=MW2)

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**E29**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000094543**

Well ID:	T0606792237-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1
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=T0606792237&amp;assigned_name=MW1&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606792237&amp;assigned_name=MW1&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606792237&amp;assigned_name=MW1">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606792237&amp;assigned_name=MW1</a>		

**G30**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      9011**

Seq:	9011	Prim sta c:	09N/05E-16Q01 M
Frds no:	3410020032	County:	34
District:	09	User id:	TEN
System no:	3410020	Water type:	G
Source nam:	WELL 126	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	383745.0	Longitude:	1212610.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3410020	System nam:	Sacramento, City Of
Hqname:	SACRAMENTO CITY-DIV WTR & SWR	Address:	1391 35th Avenue
City:	Sacramento	State:	Ca
Zip:	95822	Zip ext:	Not Reported
Pop serv:	374600	Connection:	120339
Area serve:	SACRAMENTO MAIN		

Sample date:	09-OCT-17	Finding:	286.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		

Sample date:	20-SEP-17	Finding:	24.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		

Sample date:	24-AUG-17	Finding:	24.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		

Sample date:	24-AUG-17	Finding:	17.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		

Sample date:	24-AUG-17	Finding:	1.9
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	24-AUG-17	Finding:	11.5
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## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical: Dir:	AGGRSSIVE INDEX (CORROSIVITY) 0.	Report units:	Not Reported
Sample date: Chemical: Dir:	24-AUG-17 TURBIDITY, LABORATORY 0.1	Finding: Report units:	7.e-002 NTU
Sample date: Chemical: Dir:	24-AUG-17 CHROMIUM, HEXAVALENT 1.	Finding: Report units:	5.1 UG/L
Sample date: Chemical: Dir:	24-AUG-17 ARSENIC 2.	Finding: Report units:	3. UG/L
Sample date: Chemical: Dir:	24-AUG-17 COLOR 0.	Finding: Report units:	1. UNITS
Sample date: Chemical: Dir:	24-AUG-17 SPECIFIC CONDUCTANCE 0.	Finding: Report units:	370. US
Sample date: Chemical: Dir:	24-AUG-17 PH, LABORATORY 0.	Finding: Report units:	7.6 Not Reported
Sample date: Chemical: Dir:	24-AUG-17 ALKALINITY (TOTAL) AS CaCO3 0.	Finding: Report units:	121. MG/L
Sample date: Chemical: Dir:	24-AUG-17 BICARBONATE ALKALINITY 0.	Finding: Report units:	148. MG/L
Sample date: Chemical: Dir:	24-AUG-17 NITRATE (AS N) 0.4	Finding: Report units:	1.9 MG/L
Sample date: Chemical: Dir:	24-AUG-17 HARDNESS (TOTAL) AS CaCO3 0.	Finding: Report units:	138. MG/L
Sample date: Chemical: Dir:	24-AUG-17 CHLORIDE 0.	Finding: Report units:	34. MG/L
Sample date: Chemical: Dir:	24-AUG-17 SULFATE 0.5	Finding: Report units:	8.3 MG/L
Sample date: Chemical: Dir:	11-OCT-16 NITRATE (AS N) 0.4	Finding: Report units:	1.8 MG/L
Sample date: Chemical: Dir:	15-OCT-15 NITRATE (AS N) 0.4	Finding: Report units:	1.8 MG/L
Sample date: Chemical: Dir:	15-OCT-15 NITRATE + NITRITE (AS N) 0.4	Finding: Report units:	1810. MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	16-DEC-14	Finding:	4.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	14-OCT-14	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	08-SEP-14	Finding:	7.89
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	08-SEP-14	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	150.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	23.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	08-SEP-14	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	08-SEP-14	Finding:	380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	08-SEP-14	Finding:	7.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	08-SEP-14	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	120.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	136.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	20.9
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	17.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	23.4
Chemical:	SODIUM	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	08-SEP-14	Finding:	2.2
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	37.1
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	10.3
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	08-SEP-14	Finding:	0.15
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	08-SEP-14	Finding:	2.6
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	08-SEP-14	Finding:	285.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	7.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	08-SEP-14	Finding:	8.e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	08-SEP-14	Finding:	1740.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-JUL-14	Finding:	177.7
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	06-JAN-14	Finding:	169.6
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	15-OCT-13	Finding:	232.
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	12-AUG-13	Finding:	331.7
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	12-JUN-13	Finding:	24.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-JUN-13	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	12-JUN-13	Finding:	17.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-JUN-13	Finding:	2.
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-JUN-13	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	12-JUN-13	Finding:	107.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	12-JUN-13	Finding:	75.
Chemical:	COPPER	Report units:	UG/L
Dir:	50.		
Sample date:	12-JUN-13	Finding:	345.
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	12-JUN-13	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	12-JUN-13	Finding:	1.67
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	12-JUN-13	Finding:	0.553
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	12-JUN-13	Finding:	1.69
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		

**G31  
ENE  
1/2 - 1 Mile  
Higher**

**CA WELLS      CALLNL000001422**

Well ID:	101239	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	09N/05E-16Q01 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		
Chemical:	Krypton	Results:	.0000000768452
Units:	cm3STP/g	Date:	11/15/2002
Chemical:	Argon	Results:	.000352874
Units:	cm3STP/g	Date:	11/15/2002
Chemical:	Helium-4	Results:	.00000141231

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Units:	cm3STP/g	Date:	11/15/2002
Chemical:	Helium-3/Helium-4	Results:	.00000047081
Units:	atom ratio	Date:	11/15/2002
Chemical:	Xenon	Results:	.000000010964
Units:	cm3STP/g	Date:	11/15/2002
Chemical:	Tritium (Hydrogen 3)	Results:	2.37
Units:	pCi/L	Date:	12/12/2002
Chemical:	Neon	Results:	.000000235116
Units:	cm3STP/g	Date:	11/15/2002

**G32  
ENE  
1/2 - 1 Mile  
Higher**

**CA WELLS      CADDW0000003074**

Well ID:	3410020-032	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 126	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=3410020-032&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3410020-032&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**H33  
ENE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000189607**

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18020111
Monitor Location:	009N005E16Q001M	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported		
Contrib Drainage Area:	Not Reported		
Aquifer:	Central Valley aquifer system	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	394
Construction Date:	19500601	Well Hole Depth:	432
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

**F34  
West  
1/2 - 1 Mile  
Higher**

**CA WELLS      9019**

Seq:	9019	Prim sta c:	09N/05E-20C01 M
Frds no:	3410020031	County:	34
District:	09	User id:	TEN
System no:	3410020	Water type:	G

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Source nam:	WELL 125 - ABANDONED	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	383735.0	Longitude:	1212720.0
Precision:	4	Status:	AB
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3410020	System nam:	Sacramento, City Of
Hqname:	SACRAMENTO CITY-DIV WTR & SWR	Address:	1391 35th Avenue
City:	Sacramento	State:	Ca
Zip:	95822	Zip ext:	Not Reported
Pop serv:	374600	Connection:	120339
Area serve:	SACRAMENTO MAIN		

**H35**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    CADWR9000039882**

State Well #:	09N05E16Q001M	Station ID:	52229
Well Name:	SAC-126	Basin Name:	North American
Well Use:	Other	Well Type:	Single Well
Well Depth:	432	Well Completion Rpt #:	Not Reported

**I36**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    9012**

Seq:	9012	Prim sta c:	09N/05E-16Q02 M
Frds no:	3410020039	County:	34
District:	09	User id:	TEN
System no:	3410020	Water type:	G
Source nam:	WELL 136	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	383740.0	Longitude:	1212600.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3410020	System nam:	Sacramento, City Of
Hqname:	SACRAMENTO CITY-DIV WTR & SWR	Address:	1391 35th Avenue
City:	Sacramento	State:	Ca
Zip:	95822	Zip ext:	Not Reported
Pop serv:	374600	Connection:	120339
Area serve:	SACRAMENTO MAIN		

**37**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS    USGS40000189600**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	009N005E20C001M	Type:	Well
Description:	Not Reported	HUC:	18020111



## 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:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19600830	Well Depth:	300
Well Depth Units:	ft	Well Hole Depth:	308
Well Hole Depth Units:	ft		

**38**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADDW0000004474**

Well ID:	3410020-011	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	MONTHLY COMPST DIST SAMPRS - DESTROYED		
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=3410020-011&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3410020-011&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**139**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000189605**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	009N005E16Q002M	Type:	Well
Description:	Not Reported	HUC:	18020111
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19650201	Well Depth:	371
Well Depth Units:	ft	Well Hole Depth:	385
Well Hole Depth Units:	ft		

**J40**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADWR9000039828**

State Well #:	09N05E21M001M	Station ID:	31412
Well Name:	DWR_SGA_003	Basin Name:	North American
Well Use:	Unknown	Well Type:	Single Well
Well Depth:	89	Well Completion Rpt #:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**K41**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADDW0000017882**

Well ID: 3410020-039      Well Type: MUNICIPAL  
 Source: Department of Health Services  
 Other Name: WELL 136 - INACTIVE      GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp\\_date=&global\\_id=&assigned\\_name=3410020-039&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3410020-039&store_num=)  
 GeoTracker Data: Not Reported

**J42**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000075487**

Well ID: T0606790533-MW-2      Well Type: MONITORING  
 Source: EDF      Other Name: MW-2  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606790533&assigned\\_name=MW-2&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606790533&assigned_name=MW-2&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606790533&assigned\\_name=MW-2](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606790533&assigned_name=MW-2)

**J43**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000048034**

Well ID: T0606790533-MW-3      Well Type: MONITORING  
 Source: EDF      Other Name: MW-3  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606790533&assigned\\_name=MW-3&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606790533&assigned_name=MW-3&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606790533&assigned\\_name=MW-3](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606790533&assigned_name=MW-3)

**J44**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000083533**

Well ID: T0606790533-MW-1      Well Type: MONITORING  
 Source: EDF      Other Name: MW-1  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606790533&assigned\\_name=MW-1&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606790533&assigned_name=MW-1&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606790533&assigned\\_name=MW-1](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606790533&assigned_name=MW-1)

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**K45**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000042074**

Well ID:	T0606701067-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
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=T0606701067&amp;assigned_name=MW-10&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606701067&amp;assigned_name=MW-10&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701067&amp;assigned_name=MW-10">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701067&amp;assigned_name=MW-10</a>		

**L46**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000048673**

Well ID:	T0606701067-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
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=T0606701067&amp;assigned_name=MW-9&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606701067&amp;assigned_name=MW-9&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701067&amp;assigned_name=MW-9">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701067&amp;assigned_name=MW-9</a>		

**K47**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000079394**

Well ID:	T0606701067-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
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=T0606701067&amp;assigned_name=MW-11&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606701067&amp;assigned_name=MW-11&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701067&amp;assigned_name=MW-11">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701067&amp;assigned_name=MW-11</a>		

**K48**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CALLNL000000722**

Well ID:	101282	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	09N/05E-16Q02 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Helium-4	Results:	.00000143519
Units:	cm3STP/g	Date:	11/20/2002

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical:	Tritium (Hydrogen 3)	Results:	1.75
Units:	pCi/L	Date:	12/23/2002
Chemical:	Argon	Results:	.000420885
Units:	cm3STP/g	Date:	11/20/2002
Chemical:	Krypton	Results:	.0000000906033
Units:	cm3STP/g	Date:	11/20/2002
Chemical:	Helium-3/Helium-4	Results:	.000000493933
Units:	atom ratio	Date:	11/20/2002
Chemical:	Neon	Results:	.000000284331
Units:	cm3STP/g	Date:	11/20/2002
Chemical:	Xenon	Results:	.000000012505
Units:	cm3STP/g	Date:	11/20/2002

**K49  
ENE  
1/2 - 1 Mile  
Higher**

**CA WELLS    CAEDF000005035**

Well ID:	T0606701067-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
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=T0606701067&amp;assigned_name=MW-7&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606701067&amp;assigned_name=MW-7&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701067&amp;assigned_name=MW-7">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701067&amp;assigned_name=MW-7</a>		

**K50  
ENE  
1/2 - 1 Mile  
Higher**

**CA WELLS    CAEDF0000044929**

Well ID:	T0606701067-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
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=T0606701067&amp;assigned_name=MW-8&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606701067&amp;assigned_name=MW-8&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701067&amp;assigned_name=MW-8">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701067&amp;assigned_name=MW-8</a>		

**K51  
ENE  
1/2 - 1 Mile  
Higher**

**CA WELLS    CAEDF0000062491**

Well ID:	T0606701067-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606701067&assigned\\_name=MW-12&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701067&assigned_name=MW-12&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606701067&assigned\\_name=MW-12](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701067&assigned_name=MW-12)

**L52  
ENE  
1/2 - 1 Mile  
Higher**

**CA WELLS      CAEDF0000102645**

Well ID: T0606701067-MW-5      Well Type: MONITORING  
 Source: EDF      Other Name: MW-5  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606701067&assigned\\_name=MW-5&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701067&assigned_name=MW-5&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606701067&assigned\\_name=MW-5](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701067&assigned_name=MW-5)

**L53  
ENE  
1/2 - 1 Mile  
Higher**

**CA WELLS      CAEDF0000035987**

Well ID: T0606701067-MW-6      Well Type: MONITORING  
 Source: EDF      Other Name: MW-6  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606701067&assigned\\_name=MW-6&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701067&assigned_name=MW-6&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606701067&assigned\\_name=MW-6](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701067&assigned_name=MW-6)

**L54  
ENE  
1/2 - 1 Mile  
Higher**

**CA WELLS      CAEDF0000107962**

Well ID: T0606701067-MW-2      Well Type: MONITORING  
 Source: EDF      Other Name: MW-2  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606701067&assigned\\_name=MW-2&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701067&assigned_name=MW-2&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606701067&assigned\\_name=MW-2](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701067&assigned_name=MW-2)

**L55  
ENE  
1/2 - 1 Mile  
Higher**

**CA WELLS      CAEDF0000008277**

Well ID: T0606701067-MW-4      Well Type: MONITORING  
 Source: EDF      Other Name: MW-4  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606701067&assigned\\_name=MW-4&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701067&assigned_name=MW-4&store_num=)

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606701067&assigned\\_name=MW-4](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701067&assigned_name=MW-4)

**M56**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40000189623**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	009N005E16K001M	Type:	Well
Description:	Not Reported	HUC:	18020111
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19721130	Well Depth:	252
Well Depth Units:	ft	Well Hole Depth:	370
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	1	Level reading date:	1972-11-30
Feet below surface:	60.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**M57**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS CADWR9000039897**

State Well #:	09N05E16K001M	Station ID:	9092
Well Name:	Not Reported	Basin Name:	North American
Well Use:	Irrigation	Well Type:	Unknown
Well Depth:	365	Well Completion Rpt #:	94510

**L58**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS CAEDF0000037234**

Well ID:	T0606701067-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;sample_date=&amp;global_id=T0606701067&amp;assigned_name=MW-3&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;sample_date=&amp;global_id=T0606701067&amp;assigned_name=MW-3&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701067&amp;assigned_name=MW-3">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701067&amp;assigned_name=MW-3</a>		

**L59**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS CAEDF0000130322**

Well ID:	T0606701067-MW-3D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3D

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606701067&assigned\\_name=MW-3D&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701067&assigned_name=MW-3D&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606701067&assigned\\_name=MW-3D](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701067&assigned_name=MW-3D)

**L60  
ENE  
1/2 - 1 Mile  
Higher**

**CA WELLS CAEDF0000108525**

Well ID: T0606701067-MW-1 Well Type: MONITORING  
 Source: EDF Other Name: MW-1  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606701067&assigned\\_name=MW-1&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701067&assigned_name=MW-1&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606701067&assigned\\_name=MW-1](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701067&assigned_name=MW-1)

**N61  
ESE  
1/2 - 1 Mile  
Higher**

**CA WELLS 9027**

Seq: 9027 Prim sta c: 09N/05E-21H01 M  
 Frds no: 3410020028 County: 34  
 District: 09 User id: TEN  
 System no: 3410020 Water type: G  
 Source nam: WELL 122 Station ty: WELL/AMBNT/MUN/INTAKE  
 Latitude: 383710.0 Longitude: 1212555.0  
 Precision: 4 Status: AR  
 Comment 1: Not Reported Comment 2: Not Reported  
 Comment 3: Not Reported Comment 4: Not Reported  
 Comment 5: Not Reported Comment 6: Not Reported  
 Comment 7: Not Reported

System no: 3410020 System nam: Sacramento, City Of  
 Hqname: SACRAMENTO CITY-DIV WTR & SWR Address: 1391 35th Avenue  
 City: Sacramento State: Ca  
 Zip: 95822 Zip ext: Not Reported  
 Pop serv: 374600 Connection: 120339  
 Area serve: SACRAMENTO MAIN

Sample date: 26-FEB-18 Finding: 1.4  
 Chemical: NITRATE (AS N) Report units: MG/L  
 Dir: 0.4

Sample date: 08-MAY-17 Finding: 138.  
 Chemical: BICARBONATE ALKALINITY Report units: MG/L  
 Dir: 0.

Sample date: 08-MAY-17 Finding: 113.  
 Chemical: ALKALINITY (TOTAL) AS CaCO3 Report units: MG/L  
 Dir: 0.

Sample date: 08-MAY-17 Finding: 7.7  
 Chemical: PH, LABORATORY Report units: Not Reported  
 Dir: 0.

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	08-MAY-17	Finding:	430.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	08-MAY-17	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	08-MAY-17	Finding:	3.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	08-MAY-17	Finding:	34.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	17.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	24.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	141.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-MAY-17	Finding:	6.e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	08-MAY-17	Finding:	11.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	08-MAY-17	Finding:	1.3
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-MAY-17	Finding:	59.4
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	5.4
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	08-MAY-17	Finding:	293.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	11-OCT-16	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-OCT-15	Finding:	1210.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.4		
Sample date:	15-OCT-15	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-OCT-15	Finding:	0.11
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	16-DEC-14	Finding:	3.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	14-OCT-14	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-SEP-14	Finding:	7.e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	22-SEP-14	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-SEP-14	Finding:	298.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	22-SEP-14	Finding:	2.6
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	22-SEP-14	Finding:	0.14
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	22-SEP-14	Finding:	5.1
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	22-SEP-14	Finding:	55.7
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	22-SEP-14	Finding:	3.
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-SEP-14	Finding:	30.8
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-SEP-14	Finding:	15.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-SEP-14	Finding:	24.2
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	22-SEP-14	Finding:	132.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	22-SEP-14	Finding:	110.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	22-SEP-14	Finding:	110.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	22-SEP-14	Finding:	7.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	22-SEP-14	Finding:	405.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-SEP-14	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	22-SEP-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	22-SEP-14	Finding:	23.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-SEP-14	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	22-SEP-14	Finding:	7.84
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	22-SEP-14	Finding:	1210.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-OCT-13	Finding:	4.8
Chemical:	NITRATE (AS NO <sub>3</sub> )	Report units:	MG/L
Dir:	2.		
Sample date:	10-OCT-12	Finding:	4.7
Chemical:	NITRATE (AS NO <sub>3</sub> )	Report units:	MG/L
Dir:	2.		
Sample date:	10-OCT-12	Finding:	0.4
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.76
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.13
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir: 0.

Sample date: 10-OCT-12      Finding: 1.27  
 Chemical: GROSS ALPHA COUNTING ERROR      Report units: PCI/L  
 Dir: 0.

**N62  
ESE  
1/2 - 1 Mile  
Higher**

**CA WELLS      CALLNL000001442**

Well ID: 101238      Well Type: MUNICIPAL  
 Source: Lawrence Livermore National Laboratory  
 Other Name: 09N/05E-21H01 M      GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: Not Reported  
 GeoTracker Data: Not Reported

Chemical: Krypton      Results: .000000838594  
 Units: cm3STP/g      Date: 11/04/2003

Chemical: Helium-3/Helium-4      Results: .000000484916  
 Units: atom ratio      Date: 11/04/2003

Chemical: Tritium (Hydrogen 3)      Results: .4  
 Units: pCi/L      Date: 12/12/2002

Chemical: Argon      Results: .000376276  
 Units: cm3STP/g      Date: 11/04/2003

Chemical: Xenon      Results: .000000112097  
 Units: cm3STP/g      Date: 11/04/2003

Chemical: Neon      Results: .000000241801  
 Units: cm3STP/g      Date: 11/04/2003

Chemical: Helium-4      Results: .000000967498  
 Units: cm3STP/g      Date: 11/04/2003

**O63  
ESE  
1/2 - 1 Mile  
Higher**

**CA WELLS      CADDW0000002456**

Well ID: 3410020-028      Well Type: MUNICIPAL  
 Source: Department of Health Services  
 Other Name: WELL 122      GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp\\_date=&global\\_id=&assigned\\_name=3410020-028&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3410020-028&store_num=)  
 GeoTracker Data: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**64**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADWR9000039868**

State Well #:	09N05E20D001M	Station ID:	52228
Well Name:	SAC-124	Basin Name:	North American
Well Use:	Other	Well Type:	Single Well
Well Depth:	306	Well Completion Rpt #:	54677

**O65**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADWR9000039857**

State Well #:	09N05E21H001M	Station ID:	52226
Well Name:	SAC-122	Basin Name:	North American
Well Use:	Other	Well Type:	Single Well
Well Depth:	422	Well Completion Rpt #:	Not Reported

**66**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000091176**

Well ID:	T0606701067-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
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=T0606701067&amp;assigned_name=MW-14&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606701067&amp;assigned_name=MW-14&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701067&amp;assigned_name=MW-14">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606701067&amp;assigned_name=MW-14</a>		

**O67**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000189578**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	009N005E21H001M	Type:	Well
Description:	Not Reported	HUC:	18020111
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Merten Formation (Pliocene-Miocene)		
Aquifer Type:	Not Reported	Construction Date:	19480101
Well Depth:	422	Well Depth Units:	ft
Well Hole Depth:	422	Well Hole Depth Units:	ft

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**P68**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      9009**

Seq:	9009	Prim sta c:	09N/05E-16G01 M
Frds no:	3400259001	County:	34
District:	64	User id:	34C
System no:	3400259	Water type:	G
Source nam:	WELL A	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	383806.0	Longitude:	1212606.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3400259	System nam:	Grant-Del Paso Sys
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

Sample date:	12-FEB-18	Finding:	6.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	20-NOV-17	Finding:	6.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	23-AUG-17	Finding:	7.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	29-JUN-17	Finding:	6.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	12-MAY-17	Finding:	6.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	06-FEB-17	Finding:	6.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	15-AUG-16	Finding:	1.59
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		

Sample date:	15-AUG-16	Finding:	1.28
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		

Sample date:	04-AUG-16	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	21-AUG-15	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dir:	10.		
Sample date:	21-AUG-15	Finding:	59.5
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	21-AUG-15	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	21-AUG-15	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-NOV-14	Finding:	8.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	07-AUG-14	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-AUG-13	Finding:	21.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

**69  
SW  
1/2 - 1 Mile  
Lower**

**CA WELLS 9022**

Seq:	9022	Prim sta c:	09N/05E-20P02 M
Frds no:	3410020044	County:	34
District:	09	User id:	TEN
System no:	3410020	Water type:	G
Source nam:	WELL 142	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	383700.0	Longitude:	1212720.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3410020	System nam:	Sacramento, City Of
Hqname:	SACRAMENTO CITY-DIV WTR & SWR	Address:	1391 35th Avenue
City:	Sacramento	State:	Ca
Zip:	95822	Zip ext:	Not Reported
Pop serv:	374600	Connection:	120339
Area serve:	SACRAMENTO MAIN		
Sample date:	22-OCT-12	Finding:	5.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	10-OCT-12	Finding:	1.96
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.08

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	8.21
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		
Sample date:	10-OCT-12	Finding:	1.54
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	0.4
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	8.12
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	11-JAN-12	Finding:	0.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

**O70**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    CAUSGSN00008770**

Well ID:	USGS-383714121255001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-383714121255001	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-383714121255001&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-383714121255001&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**Q71**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    9024**

Seq:	9024	Prim sta c:	09N/05E-21A01 M
Frds no:	3410020033	County:	34
District:	09	User id:	TEN
System no:	3410020	Water type:	G
Source nam:	WELL 127	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	383735.0	Longitude:	1212545.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3410020	System nam:	Sacramento, City Of
Hqname:	SACRAMENTO CITY-DIV WTR & SWR	Address:	1391 35th Avenue
City:	Sacramento	State:	Ca
Zip:	95822	Zip ext:	Not Reported
Pop serv:	374600	Connection:	120339
Area serve:	SACRAMENTO MAIN		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	10-OCT-12	Finding:	1.55
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.14
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-OCT-12	Finding:	0.497
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	0.55
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	10-OCT-12	Finding:	1.92
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		

**Q72**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000189601**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	009N005E21A001M	Type:	Well
Description:	Not Reported	HUC:	18020111
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19650101	Well Depth:	401
Well Depth Units:	ft	Well Hole Depth:	410
Well Hole Depth Units:	ft		

**Q73**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADWR9000039875**

State Well #:	10N05E36A956M	Station ID:	55105
Well Name:	SAC-127	Basin Name:	North American
Well Use:	Other	Well Type:	Single Well
Well Depth:	401	Well Completion Rpt #:	Not Reported



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**R74**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000189641**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	009N005E16D001M	Type:	Well
Description:	Not Reported	HUC:	18020111
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19570130	Well Depth:	300
Well Depth Units:	ft	Well Hole Depth:	300
Well Hole Depth Units:	ft		

**S75**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000062143**

Well ID:	T0606729806-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-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=T0606729806&amp;assigned_name=MW-1&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606729806&amp;assigned_name=MW-1&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606729806&amp;assigned_name=MW-1">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606729806&amp;assigned_name=MW-1</a>		

**T76**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADWR9000039911**

State Well #:	09N05E15D001M	Station ID:	52231
Well Name:	SAC-131	Basin Name:	North American
Well Use:	Other	Well Type:	Single Well
Well Depth:	280	Well Completion Rpt #:	Not Reported

**S77**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000128696**

Well ID:	T0606729806-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-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=T0606729806&amp;assigned_name=MW-2&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606729806&amp;assigned_name=MW-2&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606729806&amp;assigned_name=MW-2">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606729806&amp;assigned_name=MW-2</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**U78**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CALLNL00000605**

Well ID:	101284	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	09N/05E-20R01 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Neon	Results:	.00000281077
Units:	cm3STP/g	Date:	11/20/2002

Chemical:	Argon	Results:	.000426979
Units:	cm3STP/g	Date:	11/20/2002

Chemical:	Helium-4	Results:	.00000201675
Units:	cm3STP/g	Date:	11/20/2002

Chemical:	Xenon	Results:	.0000000129014
Units:	cm3STP/g	Date:	11/20/2002

Chemical:	Helium-3/Helium-4	Results:	.000000487302
Units:	atom ratio	Date:	11/20/2002

Chemical:	Krypton	Results:	.0000000922508
Units:	cm3STP/g	Date:	11/20/2002

Chemical:	Tritium (Hydrogen 3)	Results:	1.26
Units:	pCi/L	Date:	12/23/2002

**S79**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000064294**

Well ID:	T0606729806-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
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=T0606729806&amp;assigned_name=MW-3&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606729806&amp;assigned_name=MW-3&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606729806&amp;assigned_name=MW-3">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606729806&amp;assigned_name=MW-3</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**P80**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADDW0000013737**

Well ID:	3400259-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	SECONDARY WELL	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=3400259-002&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3400259-002&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**Q81**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADDW0000006461**

Well ID:	3410020-033	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 127	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=3410020-033&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3410020-033&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**R82**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADDW0000015196**

Well ID:	3410020-034	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 129	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=3410020-034&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3410020-034&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**U83**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADDW0000022718**

Well ID:	3410020-024	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 116	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=3410020-024&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3410020-024&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**T84**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CALLNL000000074**

Well ID:	101283	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	09N/05E-16D01 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Neon	Results:	.000000245553
Units:	cm3STP/g	Date:	11/20/2002

Chemical:	Helium-3/Helium-4	Results:	.00000046778
Units:	atom ratio	Date:	11/20/2002

Chemical:	Xenon	Results:	.000000011542
Units:	cm3STP/g	Date:	11/20/2002

Chemical:	Krypton	Results:	.0000000833805
Units:	cm3STP/g	Date:	11/20/2002

Chemical:	Argon	Results:	.000380054
Units:	cm3STP/g	Date:	11/20/2002

Chemical:	Helium-4	Results:	.0000013438
Units:	cm3STP/g	Date:	11/20/2002

Chemical:	Tritium (Hydrogen 3)	Results:	.2
Units:	pCi/L	Date:	12/23/2002

**V85**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADDW0000017956**

Well ID:	3410020-030	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 124	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=3410020-030&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3410020-030&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**U86**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000189527**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	009N005E20R001M	Type:	Well
Description:	Not Reported	HUC:	18020111
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19561206	Well Depth:	340
Well Depth Units:	ft	Well Hole Depth:	519
Well Hole Depth Units:	ft		

**R87**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      9008**

Seq:	9008	Prim sta c:	09N/05E-16D01 M
Frds no:	3410020034	County:	34
District:	09	User id:	TEN
System no:	3410020	Water type:	G
Source nam:	WELL 129	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	383820.0	Longitude:	1212645.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3410020	System nam:	Sacramento, City Of
Hqname:	SACRAMENTO CITY-DIV WTR & SWR	Address:	1391 35th Avenue
City:	Sacramento	State:	Ca
Zip:	95822	Zip ext:	Not Reported
Pop serv:	374600	Connection:	120339
Area serve:	SACRAMENTO MAIN		
Sample date:	12-MAR-18	Finding:	284.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	27-FEB-18	Finding:	126.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	27-FEB-18	Finding:	25.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	27-FEB-18	Finding:	19.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	27-FEB-18	Finding:	3.

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical: Dir:	NITRATE + NITRITE (AS N) 0.4	Report units:	MG/L
Sample date: Chemical: Dir:	27-FEB-18 AGGRSSIVE INDEX (CORROSIVITY) 0.	Finding: Report units:	12.1 Not Reported
Sample date: Chemical: Dir:	27-FEB-18 TURBIDITY, LABORATORY 0.1	Finding: Report units:	8.e-002 NTU
Sample date: Chemical: Dir:	27-FEB-18 ARSENIC 2.	Finding: Report units:	2.4 UG/L
Sample date: Chemical: Dir:	27-FEB-18 FLUORIDE (F) (NATURAL-SOURCE) 0.1	Finding: Report units:	0.2 MG/L
Sample date: Chemical: Dir:	27-FEB-18 SULFATE 0.5	Finding: Report units:	12.2 MG/L
Sample date: Chemical: Dir:	27-FEB-18 CHLORIDE 0.	Finding: Report units:	36.8 MG/L
Sample date: Chemical: Dir:	27-FEB-18 CALCIUM 0.	Finding: Report units:	26.4 MG/L
Sample date: Chemical: Dir:	27-FEB-18 HARDNESS (TOTAL) AS CACO3 0.	Finding: Report units:	145. MG/L
Sample date: Chemical: Dir:	27-FEB-18 NITRATE (AS N) 0.4	Finding: Report units:	3. MG/L
Sample date: Chemical: Dir:	27-FEB-18 SPECIFIC CONDUCTANCE 0.	Finding: Report units:	410. US
Sample date: Chemical: Dir:	27-FEB-18 PH, LABORATORY 0.	Finding: Report units:	8.2 Not Reported
Sample date: Chemical: Dir:	27-FEB-18 BICARBONATE ALKALINITY 0.	Finding: Report units:	153. MG/L
Sample date: Chemical: Dir:	10-JUL-17 CHROMIUM, HEXAVALENT 1.	Finding: Report units:	6.8 UG/L
Sample date: Chemical: Dir:	09-MAY-17 NITRATE (AS N) 0.4	Finding: Report units:	2.7 MG/L
Sample date: Chemical: Dir:	10-APR-17 CHROMIUM, HEXAVALENT 1.	Finding: Report units:	7.3 UG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	09-JAN-17	Finding:	7.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	11-OCT-16	Finding:	2.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	11-OCT-16	Finding:	7.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	07-JUL-16	Finding:	6.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	06-APR-16	Finding:	7.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	14-MAR-16	Finding:	0.14
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	14-MAR-16	Finding:	0.14
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	02-FEB-16	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	02-FEB-16	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	02-FEB-16	Finding:	390.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	02-FEB-16	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	02-FEB-16	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-16	Finding:	146.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-16	Finding:	146.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-16	Finding:	2.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	02-FEB-16	Finding:	138.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	02-FEB-16	Finding:	22.6
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-16	Finding:	18.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-16	Finding:	25.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-16	Finding:	2.1
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-16	Finding:	35.2
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-16	Finding:	11.6
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	02-FEB-16	Finding:	0.14
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	02-FEB-16	Finding:	2.7
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	02-FEB-16	Finding:	2.7
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	02-FEB-16	Finding:	52.5
Chemical:	ALUMINUM	Report units:	UG/L
Dir:	50.		
Sample date:	02-FEB-16	Finding:	288.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-16	Finding:	7.e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	02-FEB-16	Finding:	7.e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	02-FEB-16	Finding:	2.7
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	02-FEB-16	Finding:	2.7
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	02-FEB-16	Finding:	380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	02-FEB-16	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	02-FEB-16	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-16	Finding:	140.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-16	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-16	Finding:	24.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-16	Finding:	18.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	02-FEB-16	Finding:	6.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	02-FEB-16	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	15-OCT-15	Finding:	0.11
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	15-OCT-15	Finding:	3.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-OCT-15	Finding:	6.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	15-OCT-15	Finding:	3060.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-OCT-13	Finding:	7.9
Chemical:	NITRATE (AS NO <sub>3</sub> )	Report units:	MG/L
Dir:	2.		
Sample date:	10-OCT-12	Finding:	0.4
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.65
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.27
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.33
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	7.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

**V88**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000189596**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	009N005E20D001M	Type:	Well
Description:	Not Reported	HUC:	18020111
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19590505	Well Depth:	306
Well Depth Units:	ft	Well Hole Depth:	306
Well Hole Depth Units:	ft		

**W89**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000082220**

Well ID:	T0606700965-S-9	Well Type:	MONITORING
Source:	EDF	Other Name:	S-9
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=T0606700965&amp;assigned_name=S-9&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606700965&amp;assigned_name=S-9&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606700965&amp;assigned_name=S-9">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606700965&amp;assigned_name=S-9</a>		

**90**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      9023**

Seq:	9023	Prim sta c:	09N/05E-20R01 M
Frds no:	3410020024	County:	34
District:	09	User id:	TEN
System no:	3410020	Water type:	G
Source nam:	WELL 116	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	383645.0	Longitude:	1212700.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3410020	System nam:	Sacramento, City Of
Hqname:	SACRAMENTO CITY-DIV WTR & SWR	Address:	1391 35th Avenue
City:	Sacramento	State:	Ca
Zip:	95822	Zip ext:	Not Reported
Pop serv:	374600	Connection:	120339
Area serve:	SACRAMENTO MAIN		
Sample date:	10-OCT-12	Finding:	8.7e-002
Chemical:	RADIUM 228	Report units:	PCI/L
Dir:	1.		
Sample date:	10-OCT-12	Finding:	0.79
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	10-OCT-12	Finding:	0.4
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.31
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	6.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-OCT-12	Finding:	1.18
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.28
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	09-JUL-12	Finding:	0.95
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	09-APR-12	Finding:	0.87
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	11-JAN-12	Finding:	0.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		

**91  
SW  
1/2 - 1 Mile  
Lower**

**CA WELLS 9021**

Seq:	9021	Prim sta c:	09N/05E-20P01 M
Frds no:	3410020043	County:	34
District:	09	User id:	TEN
System no:	3410020	Water type:	G
Source nam:	WELL 141 - ABANDONED	Station ty:	WELL/AMBNT/MUN/INTAKE

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude:	383700.0	Longitude:	1212730.0
Precision:	4	Status:	AB
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no: 3410020		System nam: Sacramento, City Of	
Hqname:	SACRAMENTO CITY-DIV WTR & SWR	Address:	1391 35th Avenue
City:	Sacramento	State:	Ca
Zip:	95822	Zip ext:	Not Reported
Pop serv:	374600	Connection:	120339
Area serve:	SACRAMENTO MAIN		

**W92**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    CAEDF0000119685**

Well ID:	T0606700965-S-10	Well Type:	MONITORING
Source:	EDF	Other Name:	S-10
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=T0606700965&amp;assigned_name=S-10&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606700965&amp;assigned_name=S-10&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606700965&amp;assigned_name=S-10">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606700965&amp;assigned_name=S-10</a>		

**X93**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    CADWR0000007909**

Well ID:	09N05E21E001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	09N05E21E001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=09N05E21E001M&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=09N05E21E001M&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**X94**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    CADWR00000020618**

Well ID:	09N05E21E002M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	09N05E21E002M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=09N05E21E002M&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=09N05E21E002M&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**Y95**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADDW0000005459**

Well ID:	3410020-025	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 117	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=3410020-025&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3410020-025&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**V96**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      9020**

Seq:	9020	Prim sta c:	09N/05E-20D01 M
Frds no:	3410020030	County:	34
District:	09	User id:	TEN
System no:	3410020	Water type:	G
Source nam:	WELL 124	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	383730.0	Longitude:	1212745.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3410020	System nam:	Sacramento, City Of
Hqname:	SACRAMENTO CITY-DIV WTR & SWR	Address:	1391 35th Avenue
City:	Sacramento	State:	Ca
Zip:	95822	Zip ext:	Not Reported
Pop serv:	374600	Connection:	120339
Area serve:	SACRAMENTO MAIN		

Sample date:	26-FEB-18	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	08-MAY-17	Finding:	207.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		

Sample date:	08-MAY-17	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		

Sample date:	08-MAY-17	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		

Sample date:	08-MAY-17	Finding:	470.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

Sample date:	08-MAY-17	Finding:	1.
Chemical:	COLOR	Report units:	UNITS

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	08-MAY-17	Finding:	3.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	08-MAY-17	Finding:	33.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	22.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	29.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	182.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-MAY-17	Finding:	7.e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	08-MAY-17	Finding:	11.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	08-MAY-17	Finding:	1.6
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-MAY-17	Finding:	37.5
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-17	Finding:	13.7
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	08-MAY-17	Finding:	321.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	11-OCT-16	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-OCT-15	Finding:	1550.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-OCT-15	Finding:	0.13
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	15-OCT-15	Finding:	3.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	15-OCT-15	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	14-OCT-14	Finding:	6.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	08-SEP-14	Finding:	0.11
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	08-SEP-14	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	08-SEP-14	Finding:	306.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	2.5
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	08-SEP-14	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	08-SEP-14	Finding:	13.2
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	08-SEP-14	Finding:	37.3
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	2.5
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	31.3
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	20.2
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	25.5
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	161.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	158.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	08-SEP-14	Finding:	158.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	7.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	08-SEP-14	Finding:	450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	08-SEP-14	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	08-SEP-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	08-SEP-14	Finding:	28.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	160.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	08-SEP-14	Finding:	7.84
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	08-SEP-14	Finding:	1660.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-OCT-13	Finding:	6.8
Chemical:	NITRATE (AS NO <sub>3</sub> )	Report units:	MG/L
Dir:	2.		
Sample date:	10-OCT-12	Finding:	0.4
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.09
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	1.82
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	10-OCT-12	Finding:	0.12
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	10-OCT-12	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

Sample date:	10-OCT-12	Finding:	2.03
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		

**W97**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000128314**

Well ID:	T0606700965-S-6	Well Type:	MONITORING
Source:	EDF	Other Name:	S-6
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=T0606700965&amp;assigned_name=S-6&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606700965&amp;assigned_name=S-6&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606700965&amp;assigned_name=S-6">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606700965&amp;assigned_name=S-6</a>		

**W98**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000050048**

Well ID:	T0606700965-S-3	Well Type:	MONITORING
Source:	EDF	Other Name:	S-3
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=T0606700965&amp;assigned_name=S-3&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606700965&amp;assigned_name=S-3&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606700965&amp;assigned_name=S-3">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606700965&amp;assigned_name=S-3</a>		

**Z99**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000189540**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	009N005E20P002M	Type:	Well
Description:	Not Reported	HUC:	18020111
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19650101	Well Depth:	384
Well Depth Units:	ft	Well Hole Depth:	390
Well Hole Depth Units:	ft		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**Z100**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000041217**

Well ID:	T0606700439-COS#142	Well Type:	MONITORING
Source:	EDF	Other Name:	COS#142
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=T0606700439&amp;assigned_name=COS#142&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606700439&amp;assigned_name=COS#142&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606700439&amp;assigned_name=COS#142">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606700439&amp;assigned_name=COS#142</a>		

**Z101**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADDW0000004432**

Well ID:	3410020-044	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 142	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=3410020-044&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3410020-044&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**102**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADWR9000039873**

State Well #:	09N05E16D001M	Station ID:	52230
Well Name:	SAC-129	Basin Name:	North American
Well Use:	Other	Well Type:	Single Well
Well Depth:	401	Well Completion Rpt #:	46561

**W103**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000062832**

Well ID:	T0606700965-S-7	Well Type:	MONITORING
Source:	EDF	Other Name:	S-7
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=T0606700965&amp;assigned_name=S-7&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606700965&amp;assigned_name=S-7&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606700965&amp;assigned_name=S-7">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606700965&amp;assigned_name=S-7</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**W104**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000102280**

Well ID: T0606700965-S-4      Well Type: MONITORING  
 Source: EDF      Other Name: S-4  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606700965&assigned\\_name=S-4&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700965&assigned_name=S-4&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606700965&assigned\\_name=S-4](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700965&assigned_name=S-4)

**W105**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000014859**

Well ID: T0606700965-S-8      Well Type: MONITORING  
 Source: EDF      Other Name: S-8  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606700965&assigned\\_name=S-8&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700965&assigned_name=S-8&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606700965&assigned\\_name=S-8](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700965&assigned_name=S-8)

**W106**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000133632**

Well ID: T0606700965-S-1      Well Type: MONITORING  
 Source: EDF      Other Name: S-1  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606700965&assigned\\_name=S-1&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700965&assigned_name=S-1&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606700965&assigned\\_name=S-1](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700965&assigned_name=S-1)

**W107**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000106191**

Well ID: T0606700965-S-2      Well Type: MONITORING  
 Source: EDF      Other Name: S-2  
 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp\\_date=&global\\_id=T0606700965&assigned\\_name=S-2&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700965&assigned_name=S-2&store_num=)  
 GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T0606700965&assigned\\_name=S-2](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700965&assigned_name=S-2)

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**W108**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CAEDF0000122429**

Well ID:	T0606700965-S-5	Well Type:	MONITORING
Source:	EDF	Other Name:	S-5
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=T0606700965&amp;assigned_name=S-5&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T0606700965&amp;assigned_name=S-5&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606700965&amp;assigned_name=S-5">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T0606700965&amp;assigned_name=S-5</a>		

**Y109**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000189523**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	009N005E28C001M	Type:	Well
Description:	Not Reported	HUC:	18020111
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19400101	Well Depth:	125
Well Depth Units:	ft	Well Hole Depth:	136
Well Hole Depth Units:	ft		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95815	4	0

Federal EPA Radon Zone for SACRAMENTO County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

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### Federal Area Radon Information for SACRAMENTO COUNTY, CA

Number of sites tested: 52

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.665 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.200 pCi/L	100%	0%	0%
Basement	8.350 pCi/L	50%	50%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<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.

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## Appendix D: Historical Research Documentation



Sarita Prasad SAC

3200 Rio Linda Boulevard

Sacramento, CA 95815

Inquiry Number: 7287764.3

March 23, 2023

## 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

03/23/23

**Site Name:**

Sarita Prasad SAC  
3200 Rio Linda Boulevard  
Sacramento, CA 95815  
EDR Inquiry # 7287764.3

**Client Name:**

Soar Environmental Consulting, Inc.  
1322 East Shaw Avenue Suite 400  
Fresno, CA 93710  
Contact: Marcus Patton



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Soar Environmental Consulting, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

### Certified Sanborn Results:

**Certification #** 52DF-4B73-B03A  
**PO #** NA  
**Project** Sarita Prasad Phase 1  
**Maps Provided:**  
1965  
1963  
1952  
1949



Sanborn® Library search results

Certification #: 52DF-4B73-B03A

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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## Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1965 Source Sheets



Volume 1, Sheet 18  
1965

### 1963 Source Sheets



Volume 1, Sheet 18  
1963

### 1952 Source Sheets

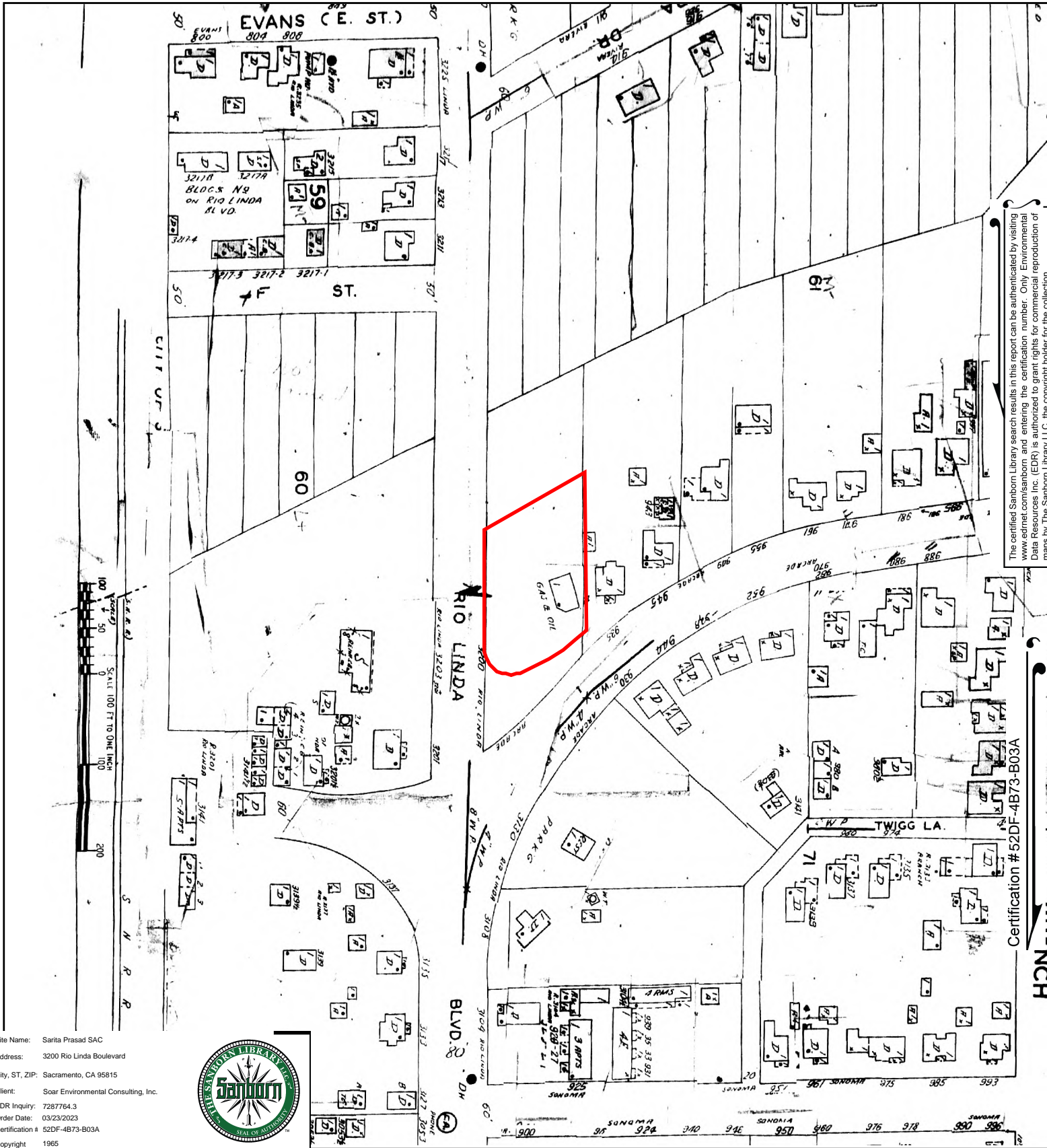


Volume 1, Sheet 18  
1952

### 1949 Source Sheets



Volume 1, Sheet 18  
1949



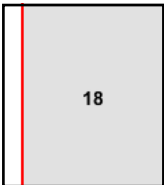
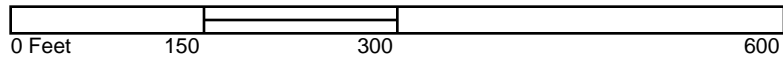
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Certification # 52DF-4B73-B03A

Site Name: Sarita Prasad SAC  
 Address: 3200 Rio Linda Boulevard  
 City, ST, ZIP: Sacramento, CA 95815  
 Client: Soar Environmental Consulting, Inc.  
 EDR Inquiry: 7287764.3  
 Order Date: 03/23/2023  
 Certification # 52DF-4B73-B03A  
 Copyright 1965



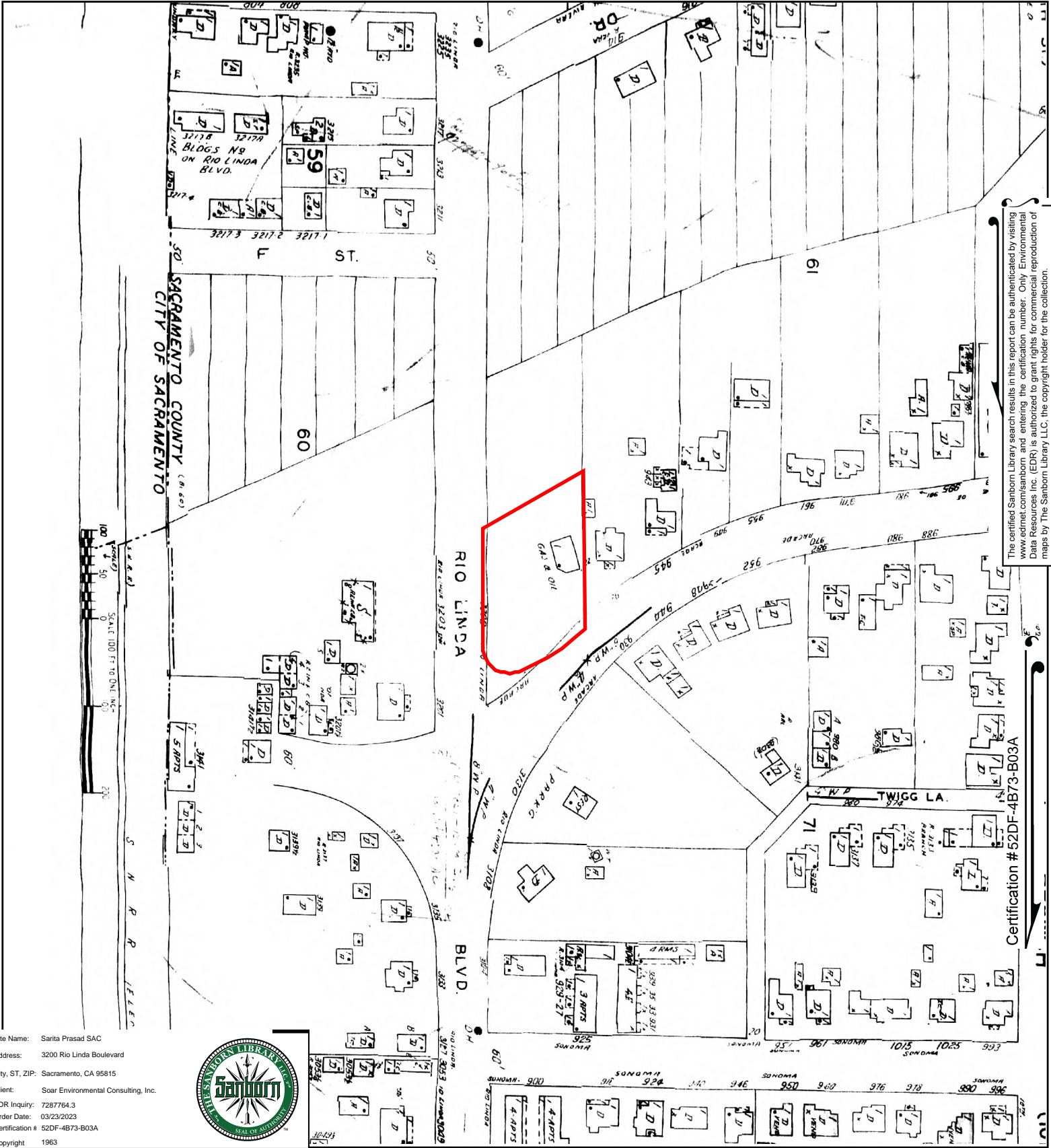
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18







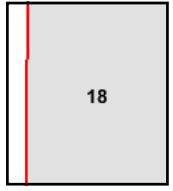
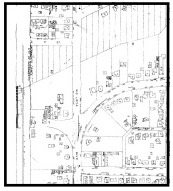
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 Order Date: 03/23/2023  
 Certification # 52DF-4B73-B03A  
 Copyright 1963

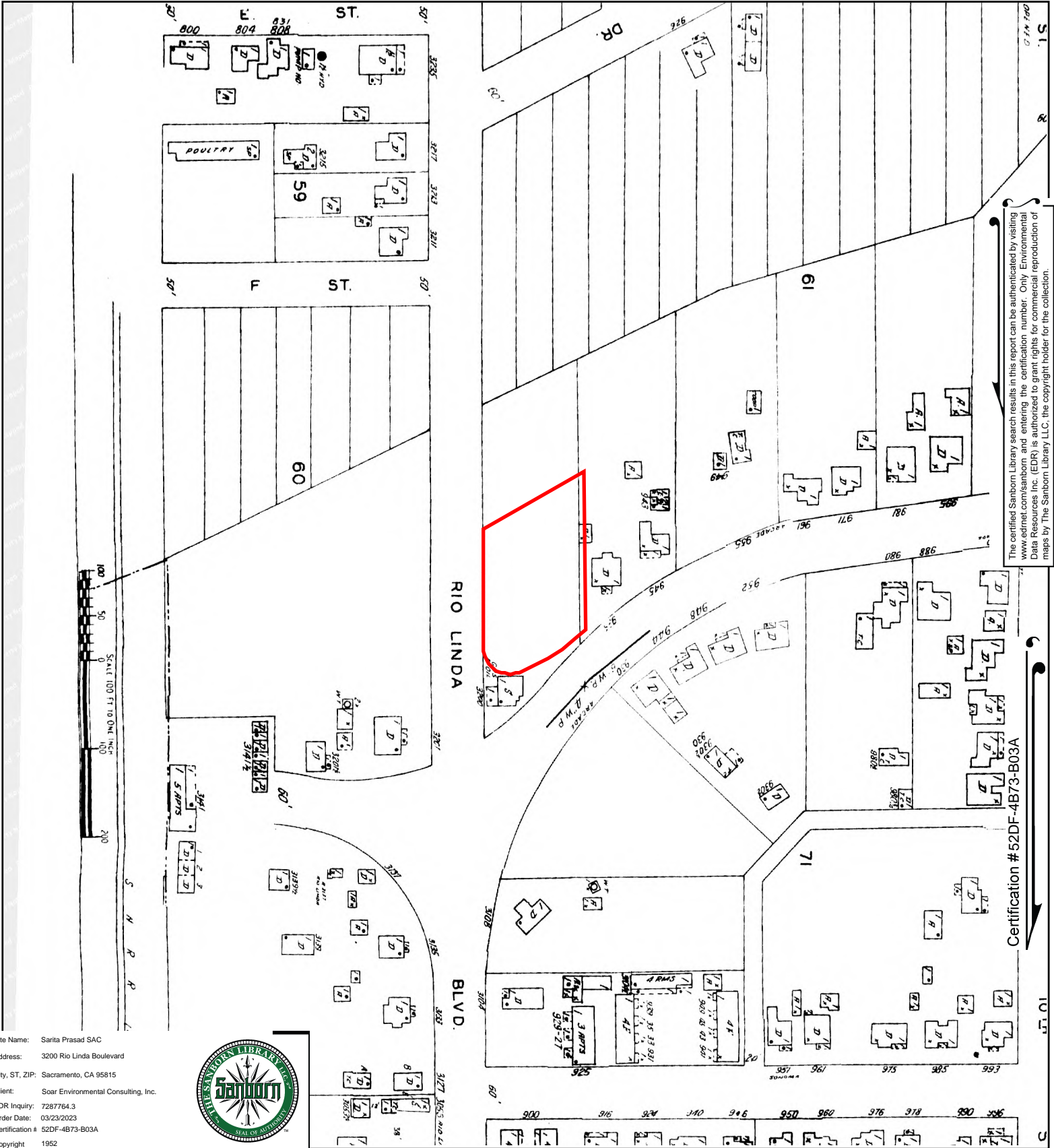


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Volume 1, Sheet 18





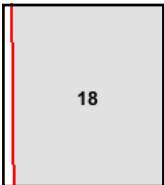
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 Certification # 52DF-4B73-B03A  
 Copyright 1952



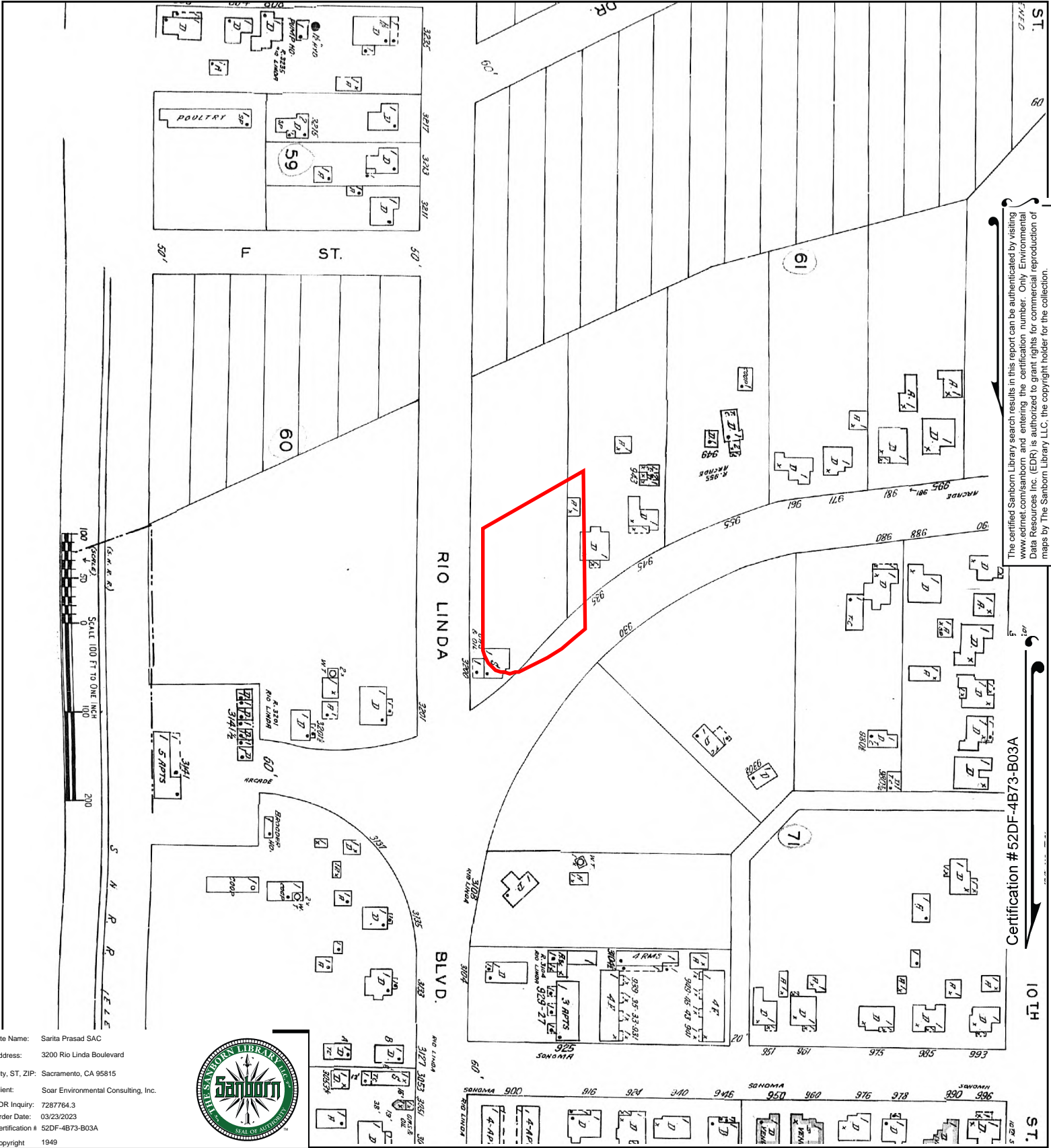
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Volume 1, Sheet 18







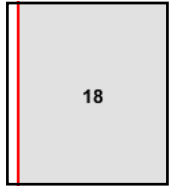
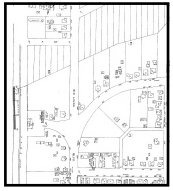
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Certification #52DF-4B73-B03A

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 Address: 3200 Rio Linda Boulevard  
 City, ST, ZIP: Sacramento, CA 95815  
 Client: Soar Environmental Consulting, Inc.  
 EDR Inquiry: 7287764.3  
 Order Date: 03/23/2023  
 Certification #: 52DF-4B73-B03A  
 Copyright: 1949



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Volume 1, Sheet 18



Sarita Prasad SAC

3200 Rio Linda Boulevard

Sacramento, CA 95815

Inquiry Number: 7287764.4

March 23, 2023

# 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

03/23/23

**Site Name:**

Sarita Prasad SAC  
3200 Rio Linda Boulevard  
Sacramento, CA 95815  
EDR Inquiry # 7287764.4

**Client Name:**

Soar Environmental Consulting, Inc.  
1322 East Shaw Avenue Suite 400  
Fresno, CA 93710  
Contact: Marcus Patton



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Soar Environmental Consulting, Inc. 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>	38.625387 38° 37' 31" North
<b>Project:</b>	Sarita Prasad Phase 1	<b>Longitude:</b>	-121.445858 -121° 26' 45" West
		<b>UTM Zone:</b>	Zone 10 North
		<b>UTM X Meters:</b>	635286.32
		<b>UTM Y Meters:</b>	4276352.21
		<b>Elevation:</b>	30.00' above sea level

**Maps Provided:**

2018	1951, 1954
2015	1949, 1950
2012	1911
1992	1902
1980	1893
1975	1892
1967	1891
1954	

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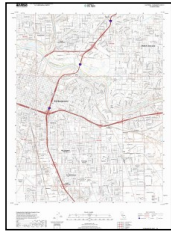
## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2018 Source Sheets



Rio Linda  
2018  
7.5-minute, 24000

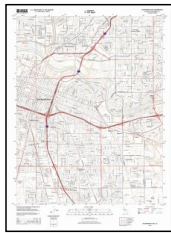


Sacramento East  
2018  
7.5-minute, 24000

### 2015 Source Sheets



Rio Linda  
2015  
7.5-minute, 24000

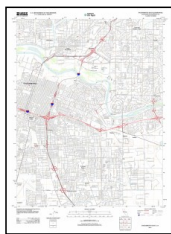


Sacramento East  
2015  
7.5-minute, 24000

### 2012 Source Sheets

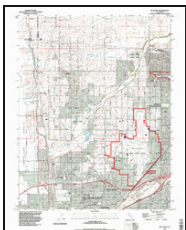


Rio Linda  
2012  
7.5-minute, 24000

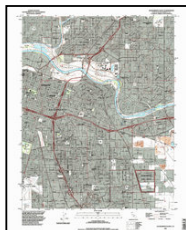


Sacramento East  
2012  
7.5-minute, 24000

### 1992 Source Sheets



Rio Linda  
1992  
7.5-minute, 24000  
Aerial Photo Revised 1992

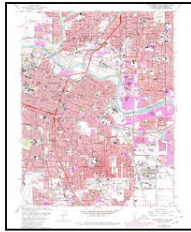


Sacramento East  
1992  
7.5-minute, 24000  
Aerial Photo Revised 1992

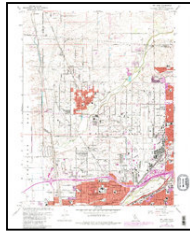
## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1980 Source Sheets



Sacramento East  
1980  
7.5-minute, 24000  
Aerial Photo Revised 1978

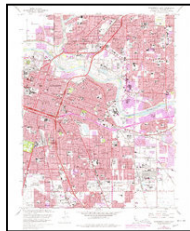


Rio Linda  
1980  
7.5-minute, 24000  
Aerial Photo Revised 1978

### 1975 Source Sheets

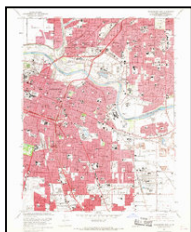


Rio Linda  
1975  
7.5-minute, 24000  
Aerial Photo Revised 1975

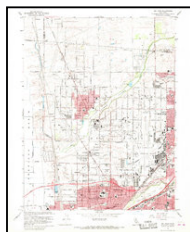


Sacramento East  
1975  
7.5-minute, 24000  
Aerial Photo Revised 1975

### 1967 Source Sheets



Sacramento East  
1967  
7.5-minute, 24000  
Aerial Photo Revised 1966



Rio Linda  
1967  
7.5-minute, 24000  
Aerial Photo Revised 1966

### 1954 Source Sheets



Fair Oaks  
1954  
15-minute, 62500

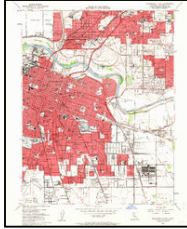
## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1951, 1954 Source Sheets

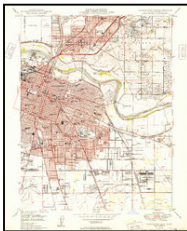


Rio Linda  
1951  
7.5-minute, 24000  
Aerial Photo Revised 1947



Sacramento East  
1954  
7.5-minute, 24000  
Aerial Photo Revised 1947

### 1949, 1950 Source Sheets

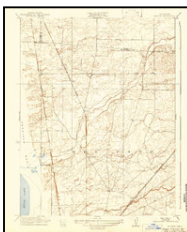


Sacramento East  
1949  
7.5-minute, 24000  
Aerial Photo Revised 1947

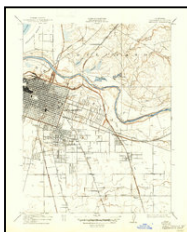


Rio Linda  
1950  
7.5-minute, 24000  
Aerial Photo Revised 1947

### 1911 Source Sheets



Arcade  
1911  
7.5-minute, 31680



Brighton  
1911  
7.5-minute, 31680

### 1902 Source Sheets



Fairoaks  
1902  
15-minute, 62500

## **Topo Sheet Key**

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1893 Source Sheets**



Sacramento  
1893  
30-minute, 125000

### **1892 Source Sheets**



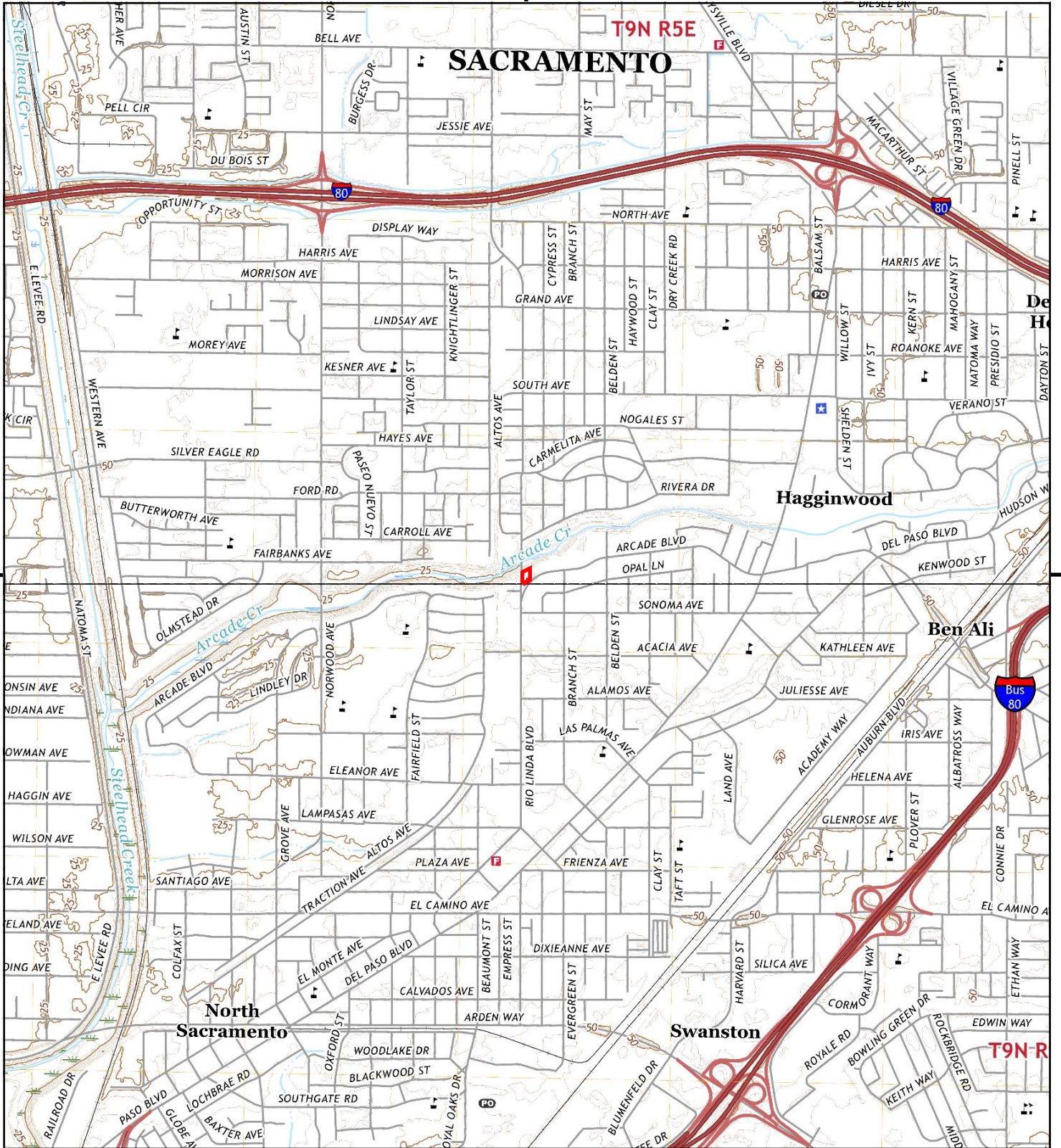
Sacramento  
1892  
30-minute, 125000

### **1891 Source Sheets**

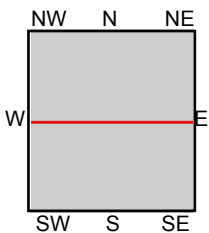


Sacramento  
1891  
30-minute, 125000





This report includes information from the following map sheet(s).

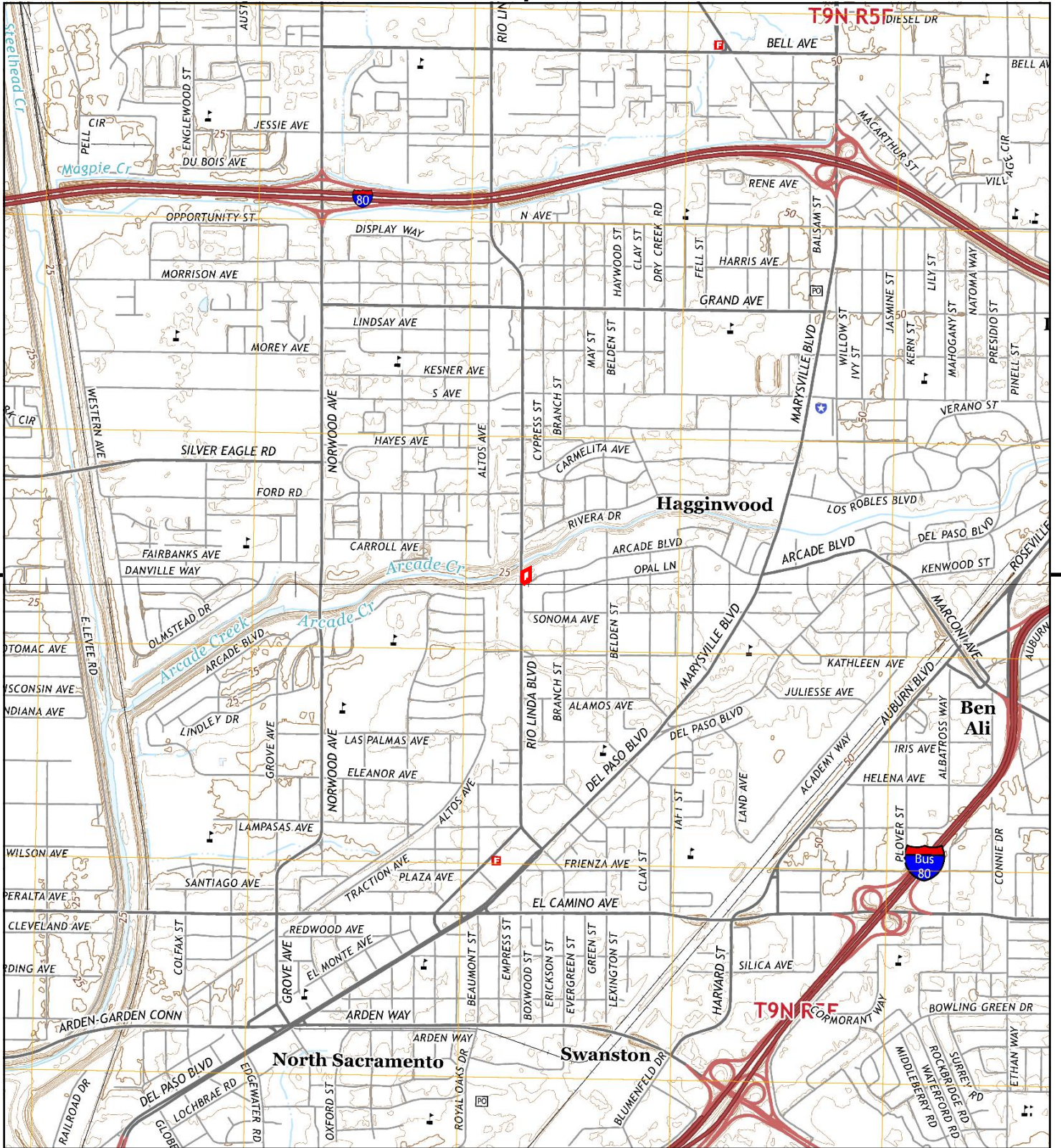


TP, Rio Linda, 2018, 7.5-minute  
 S, Sacramento East, 2018, 7.5-minute

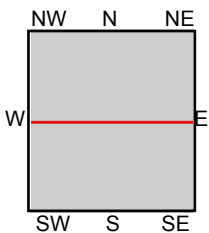
**SITE NAME:** Sarita Prasad SAC  
**ADDRESS:** 3200 Rio Linda Boulevard  
 Sacramento, CA 95815  
**CLIENT:** Soar Environmental Consulting, Inc.







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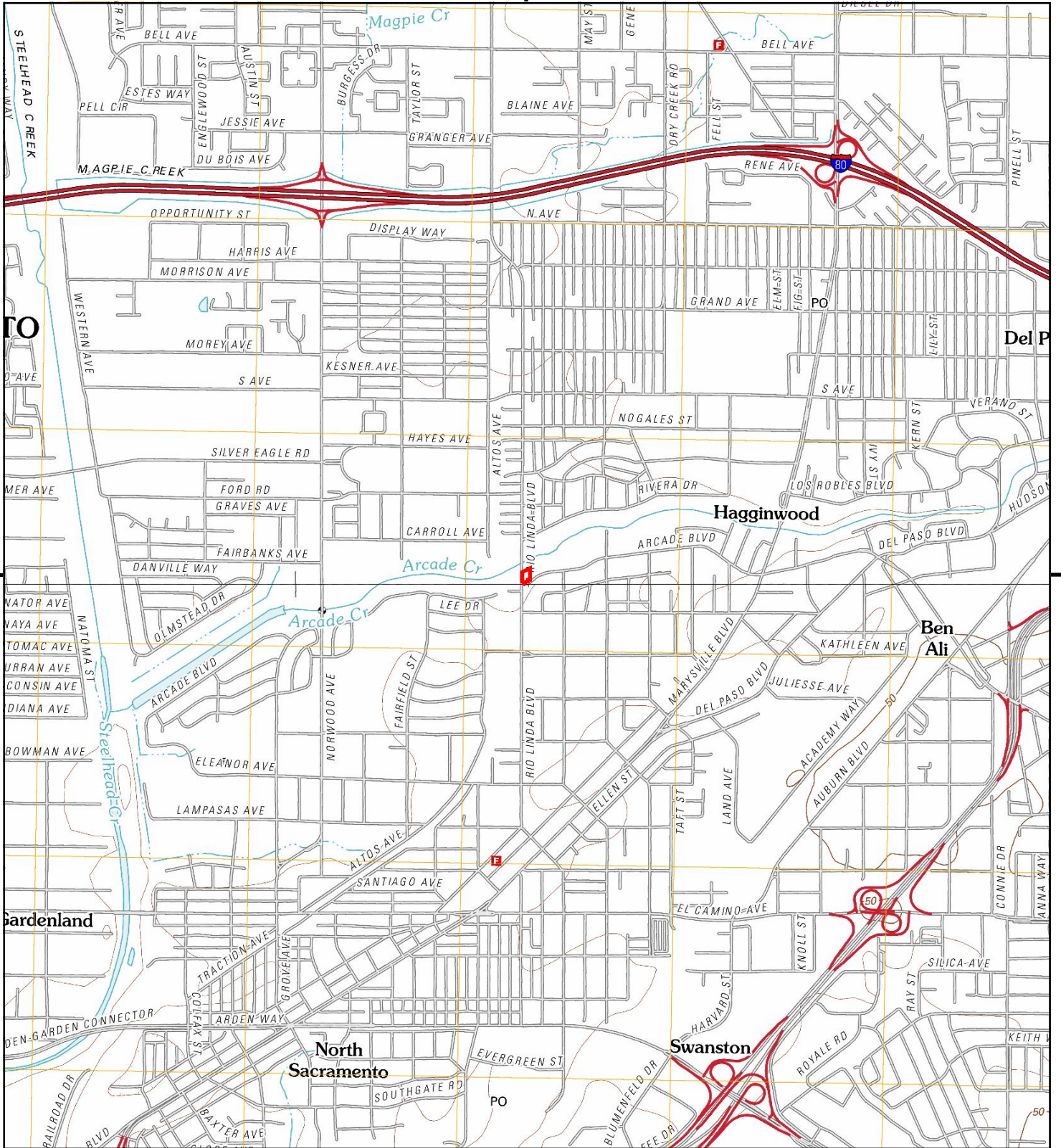


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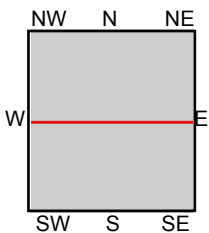
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Sacramento, CA 95815  
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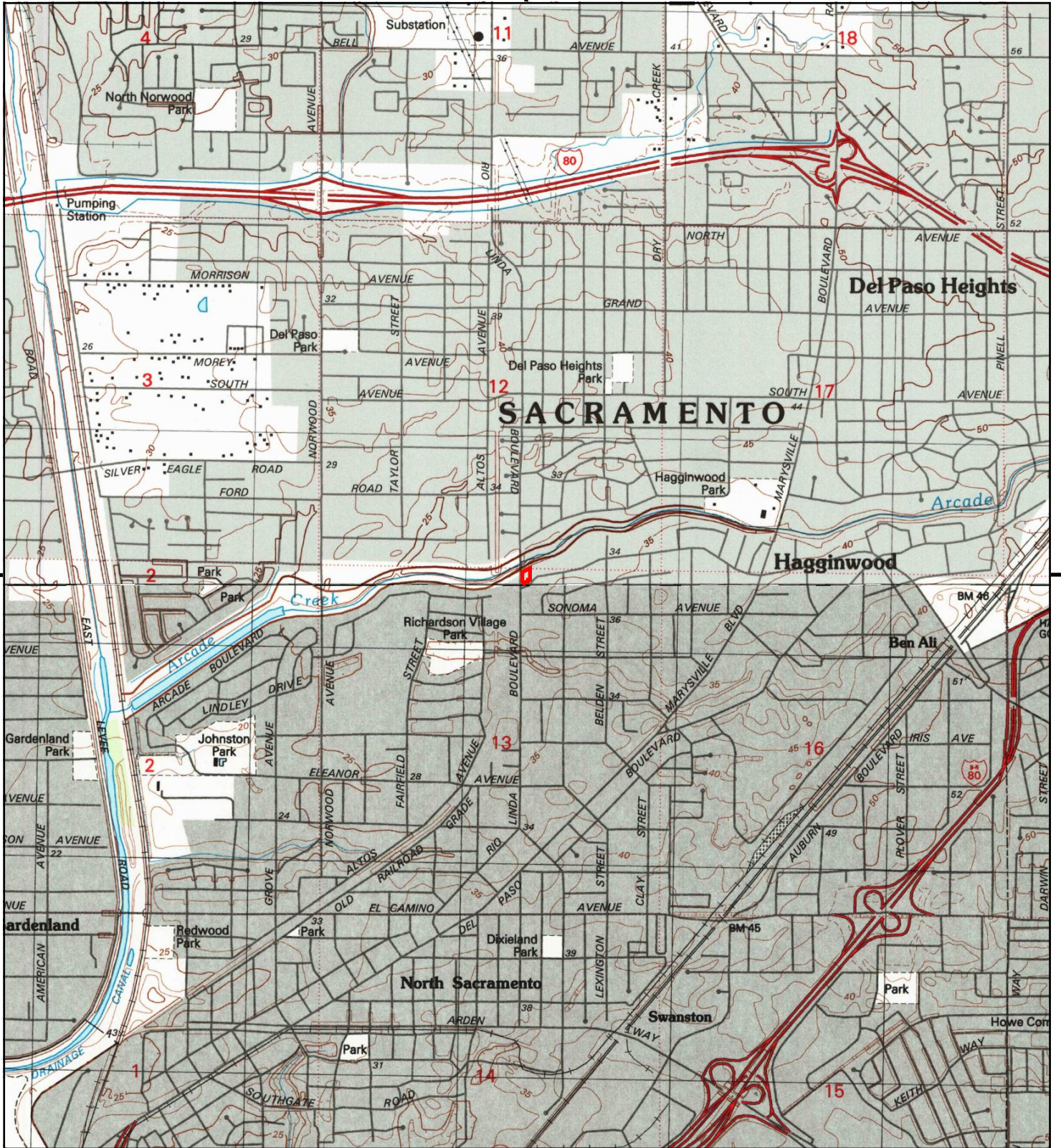


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 S, Sacramento East, 2012, 7.5-minute

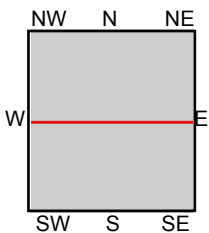
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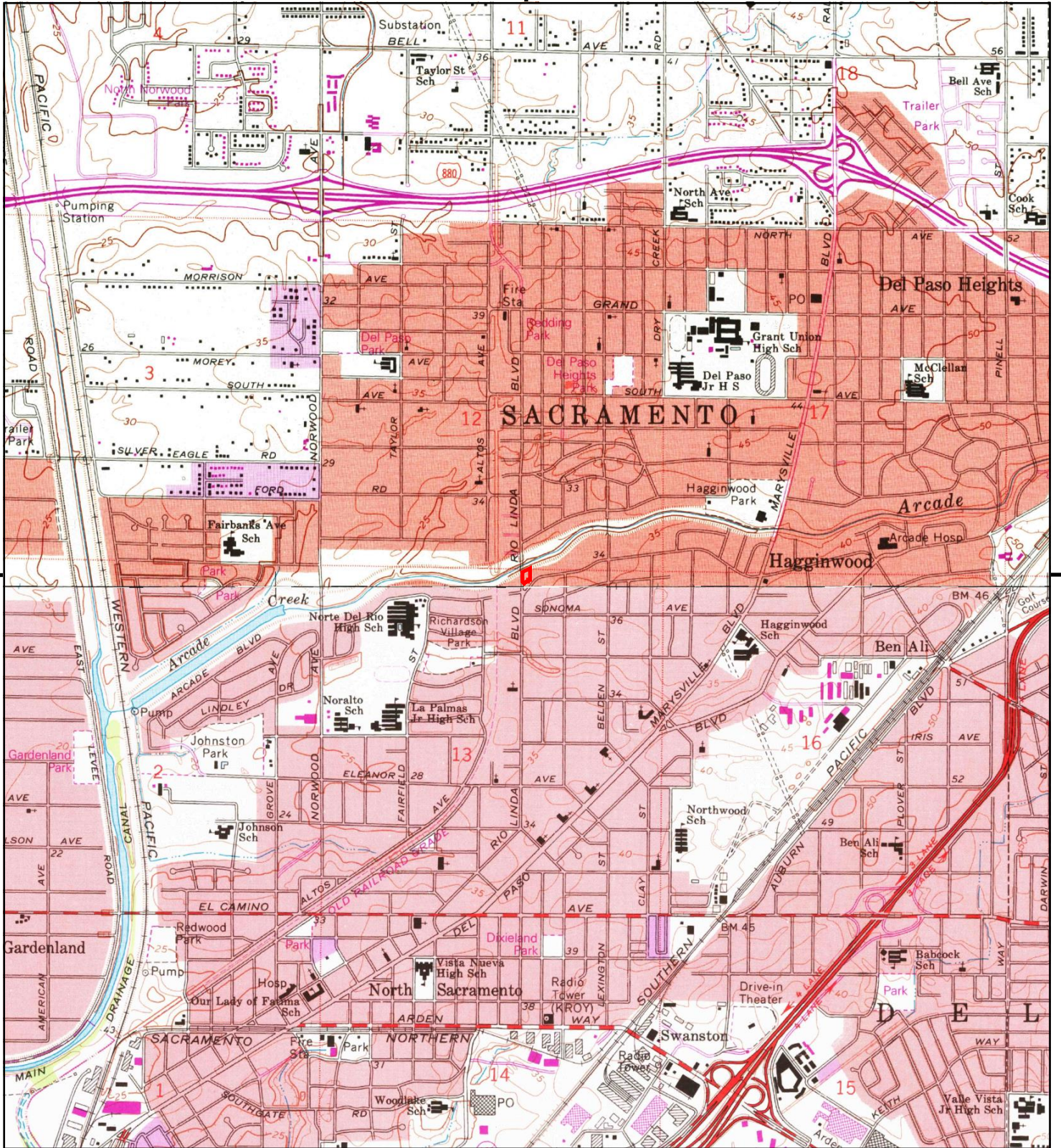


TP, Rio Linda, 1992, 7.5-minute  
 S, Sacramento East, 1992, 7.5-minute

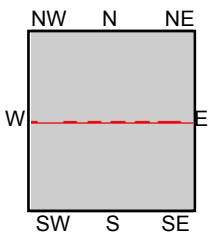
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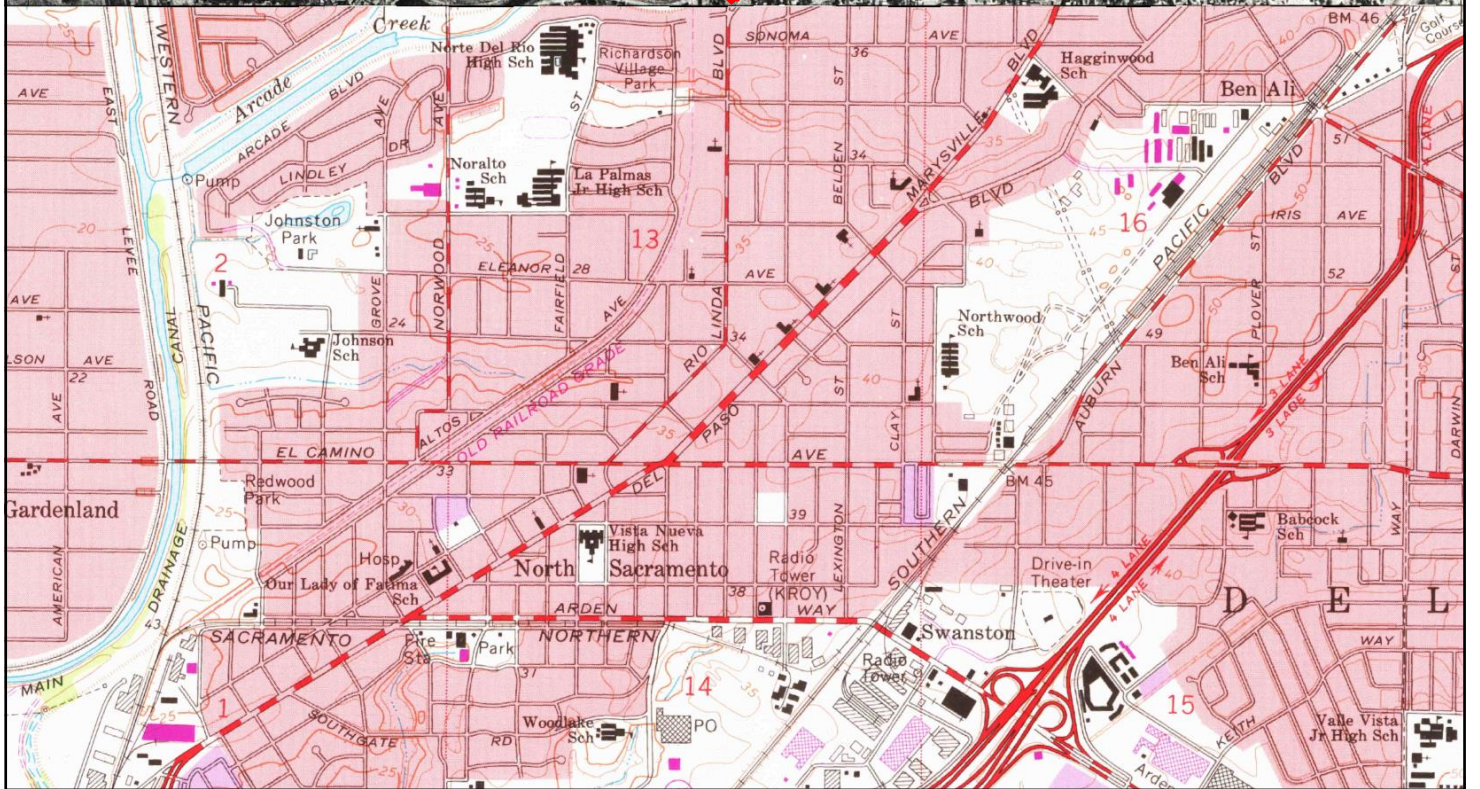
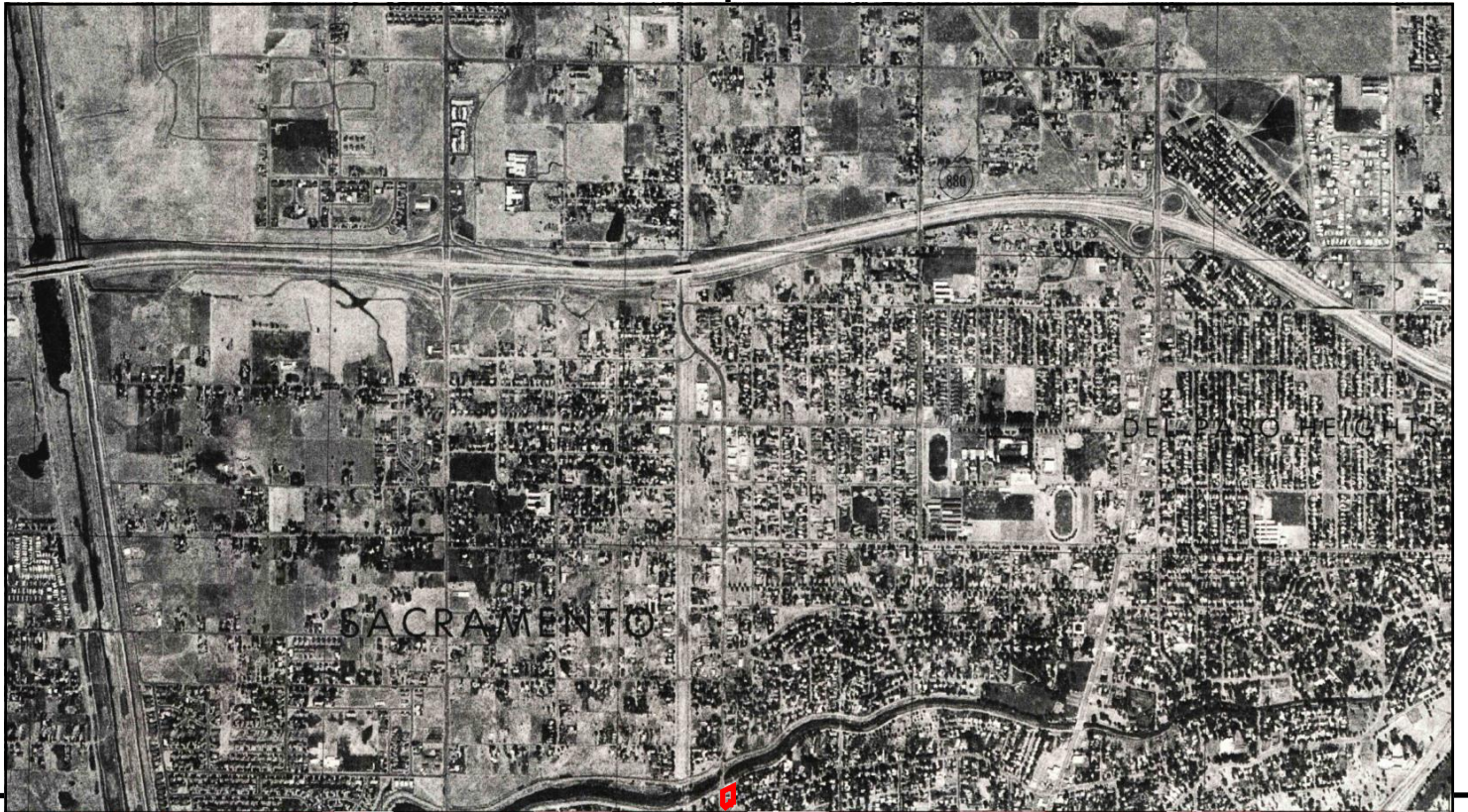


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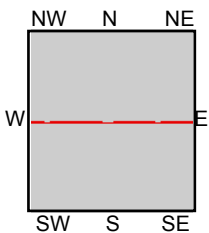
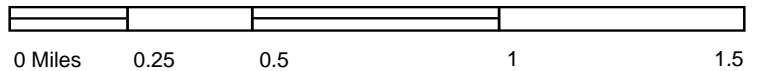
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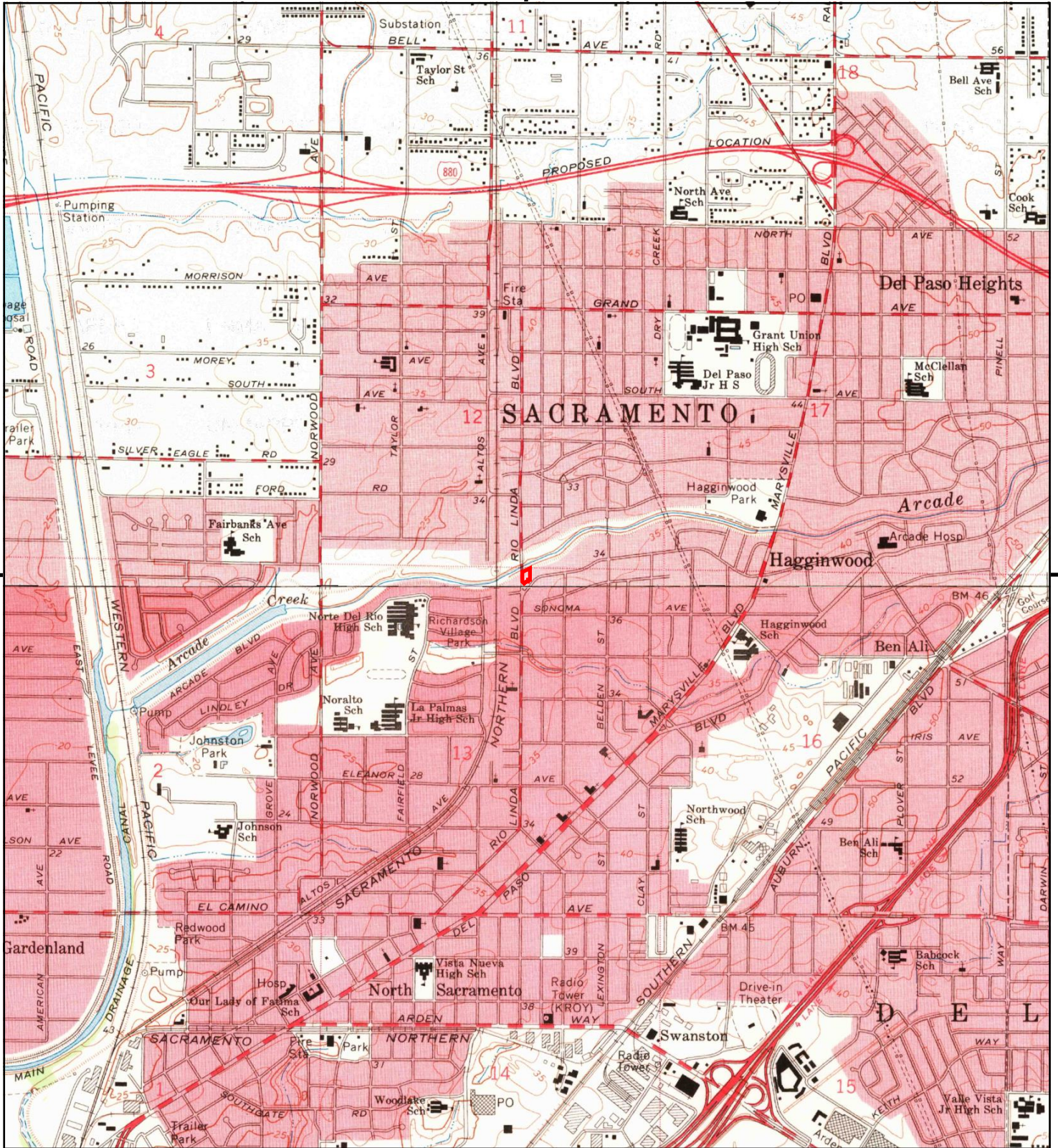


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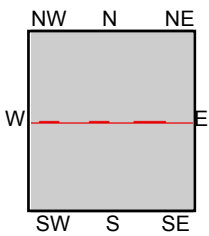
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Sacramento, CA 95815  
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This report includes information from the following map sheet(s).

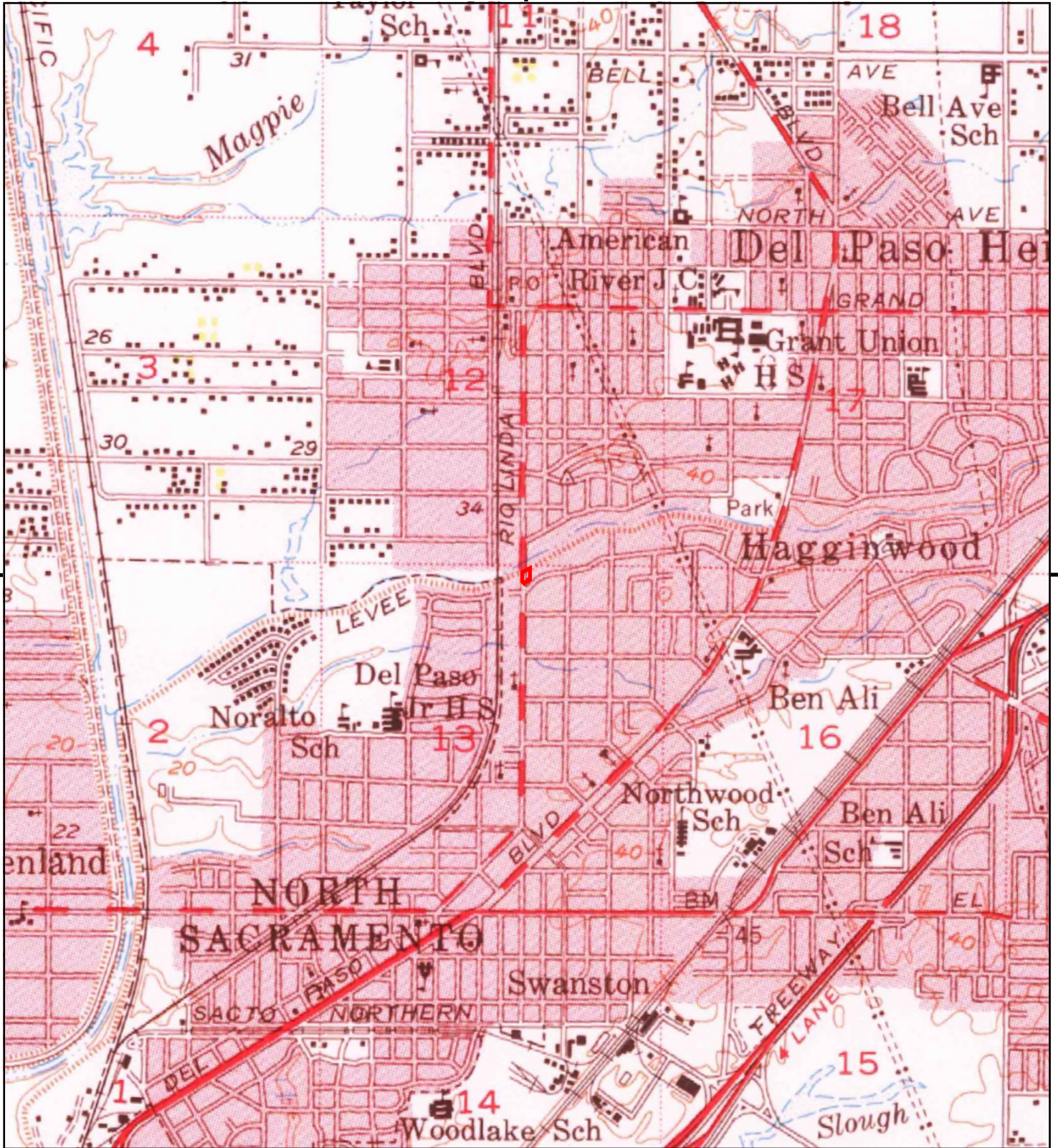


TP, Rio Linda, 1967, 7.5-minute  
 S, Sacramento East, 1967, 7.5-minute

**SITE NAME:** Sarita Prasad SAC  
**ADDRESS:** 3200 Rio Linda Boulevard  
 Sacramento, CA 95815  
**CLIENT:** Soar Environmental Consulting, Inc.







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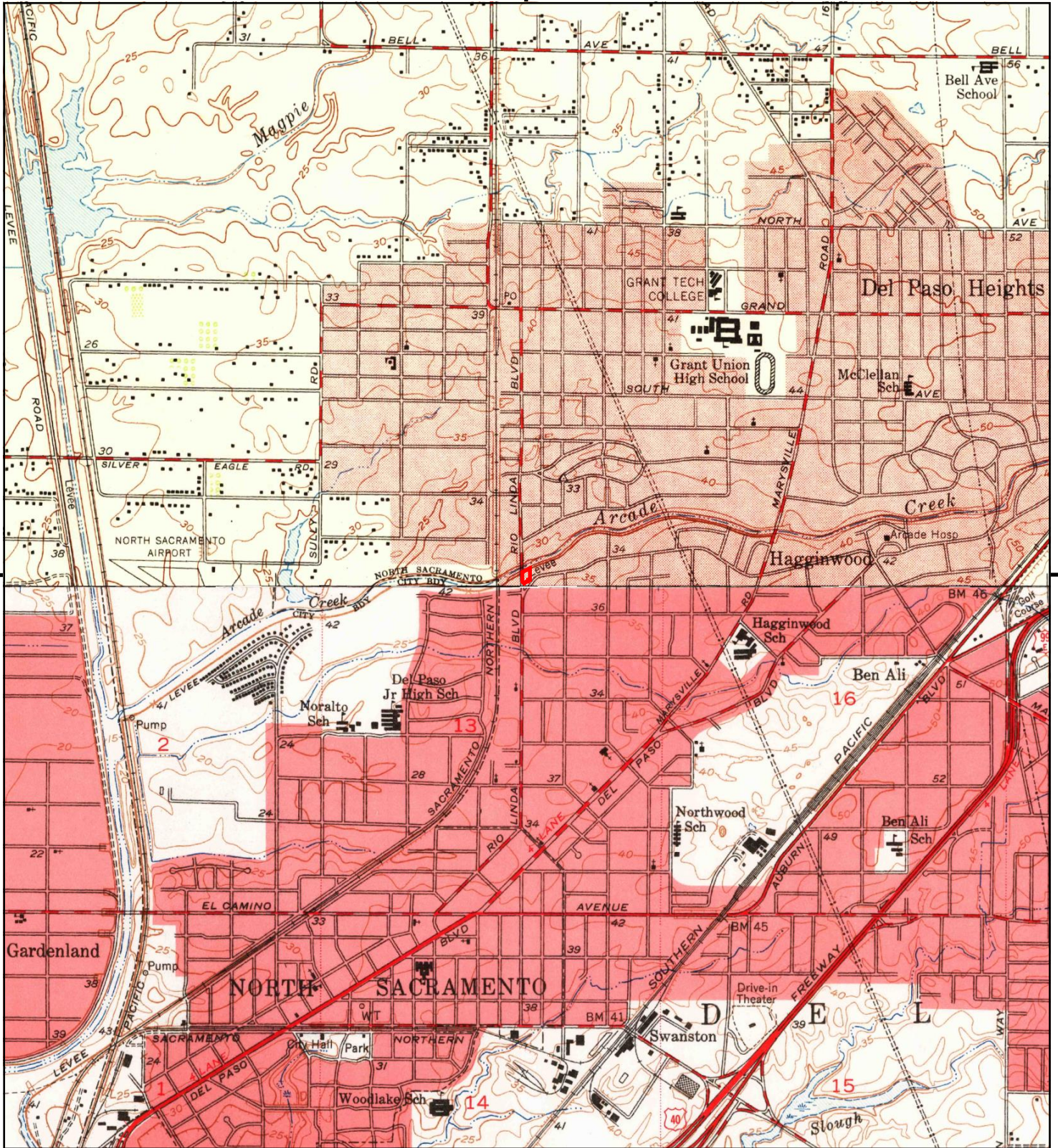


TP, Fair Oaks, 1954, 15-minute

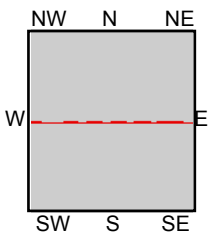
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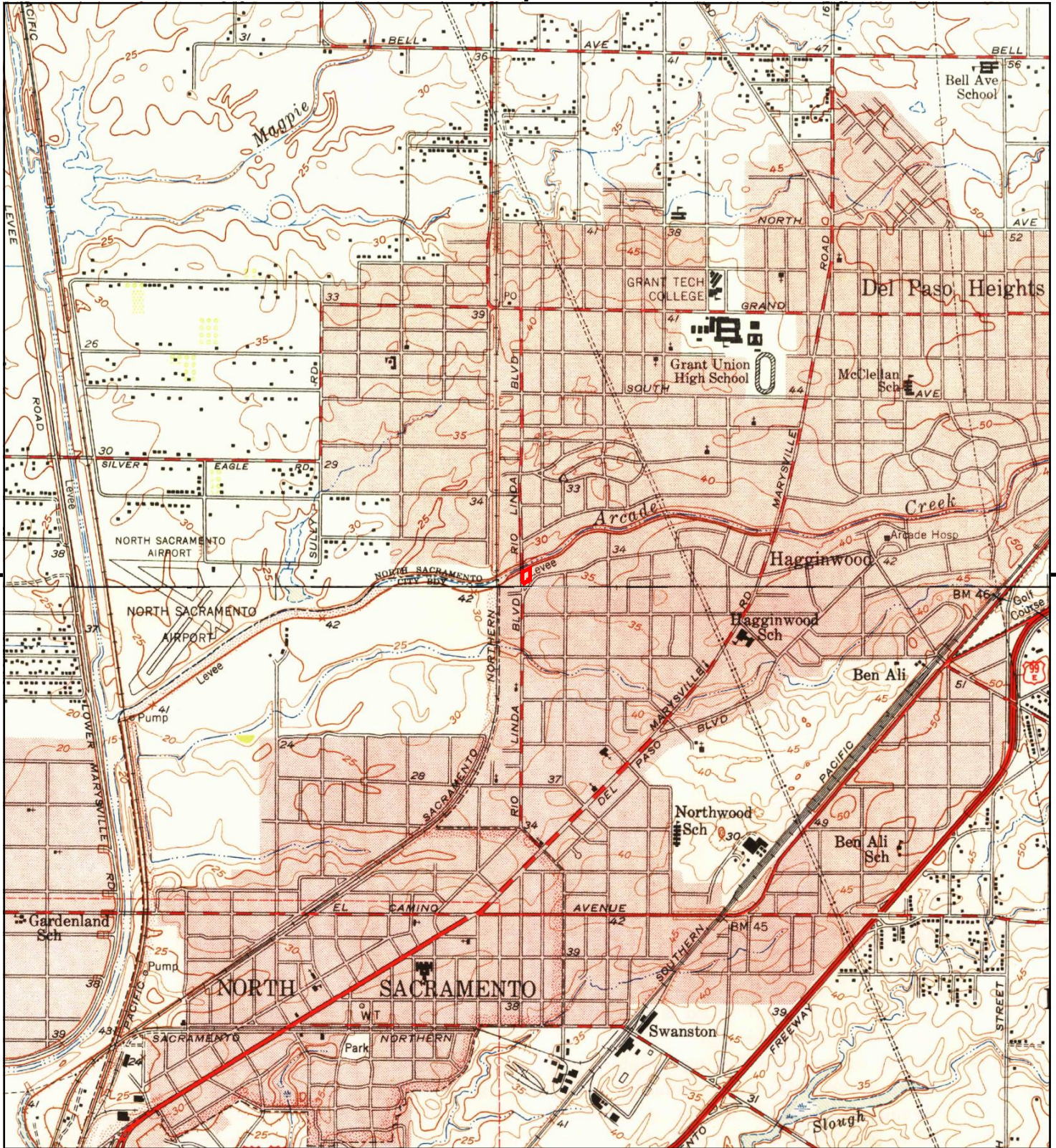


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 S, Sacramento East, 1954, 7.5-minute

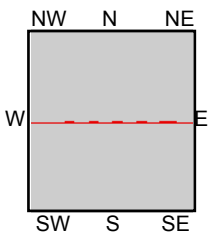
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**CLIENT:** Soar Environmental Consulting, Inc.







This report includes information from the following map sheet(s).

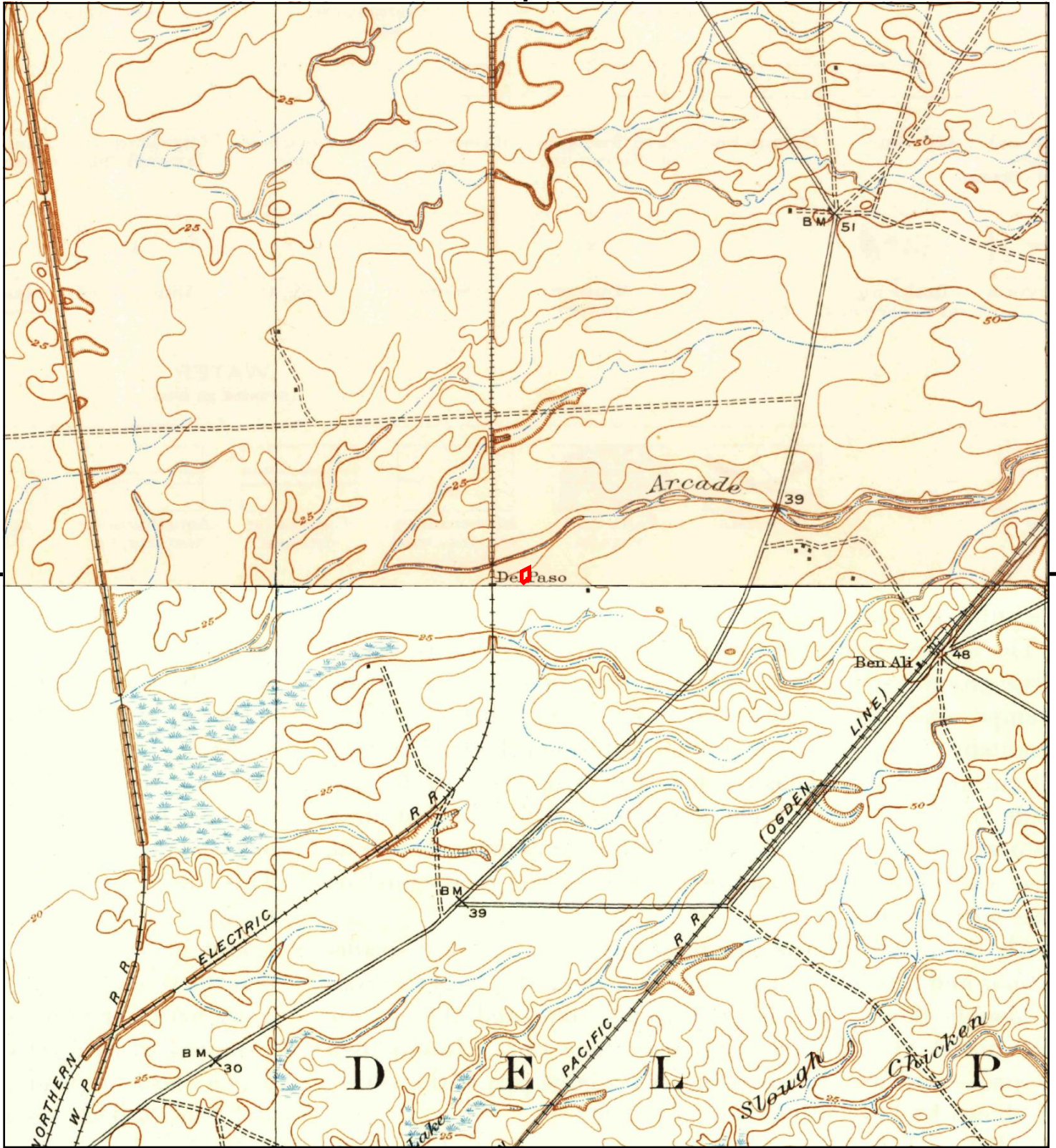


TP, Rio Linda, 1950, 7.5-minute  
 S, Sacramento East, 1949, 7.5-minute

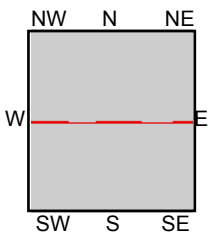
**SITE NAME:** Sarita Prasad SAC  
**ADDRESS:** 3200 Rio Linda Boulevard  
 Sacramento, CA 95815  
**CLIENT:** Soar Environmental Consulting, Inc.







This report includes information from the following map sheet(s).

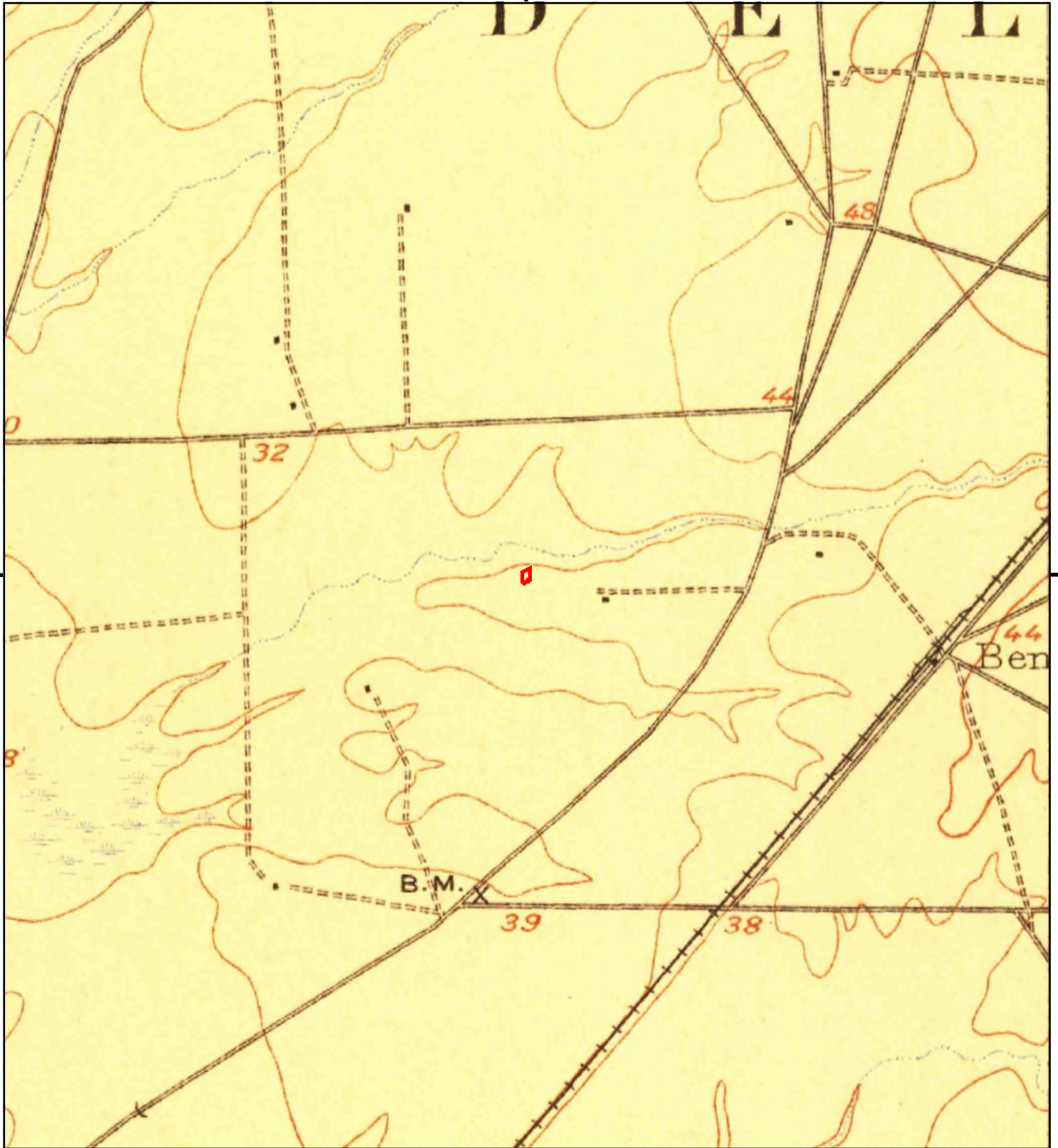


TP, Arcade, 1911, 7.5-minute  
S, Brighton, 1911, 7.5-minute

**SITE NAME:** Sarita Prasad SAC  
**ADDRESS:** 3200 Rio Linda Boulevard  
 Sacramento, CA 95815  
**CLIENT:** Soar Environmental Consulting, Inc.







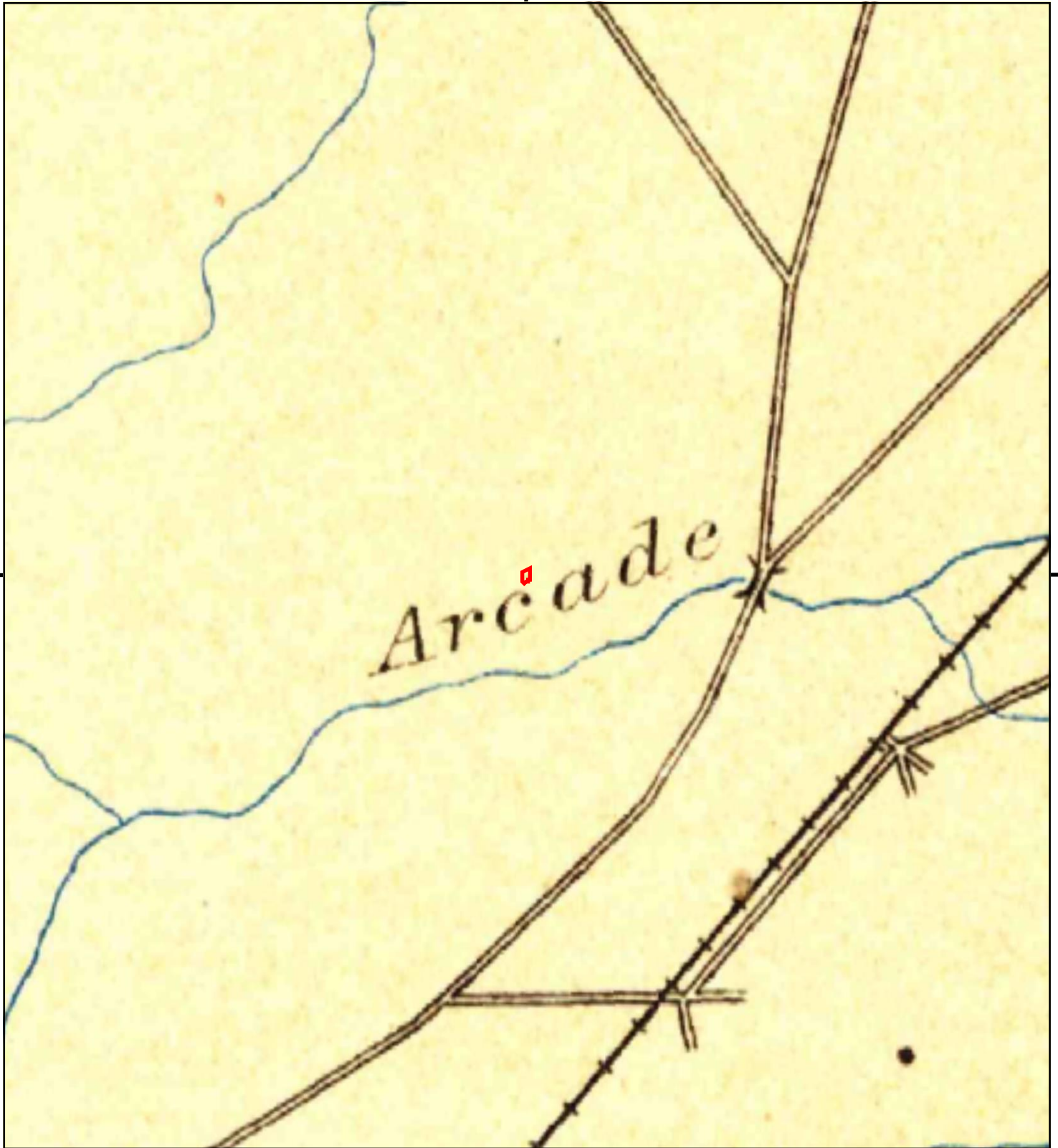
This report includes information from the following map sheet(s).



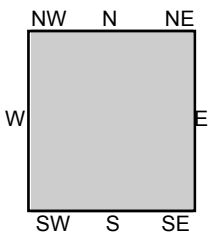
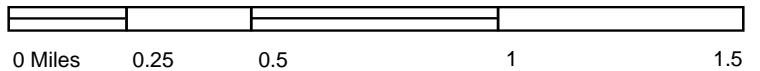
TP, Fair Oaks, 1902, 15-minute

SITE NAME: Sarita Prasad SAC  
ADDRESS: 3200 Rio Linda Boulevard  
Sacramento, CA 95815  
CLIENT: Soar Environmental Consulting, Inc.





This report includes information from the following map sheet(s).

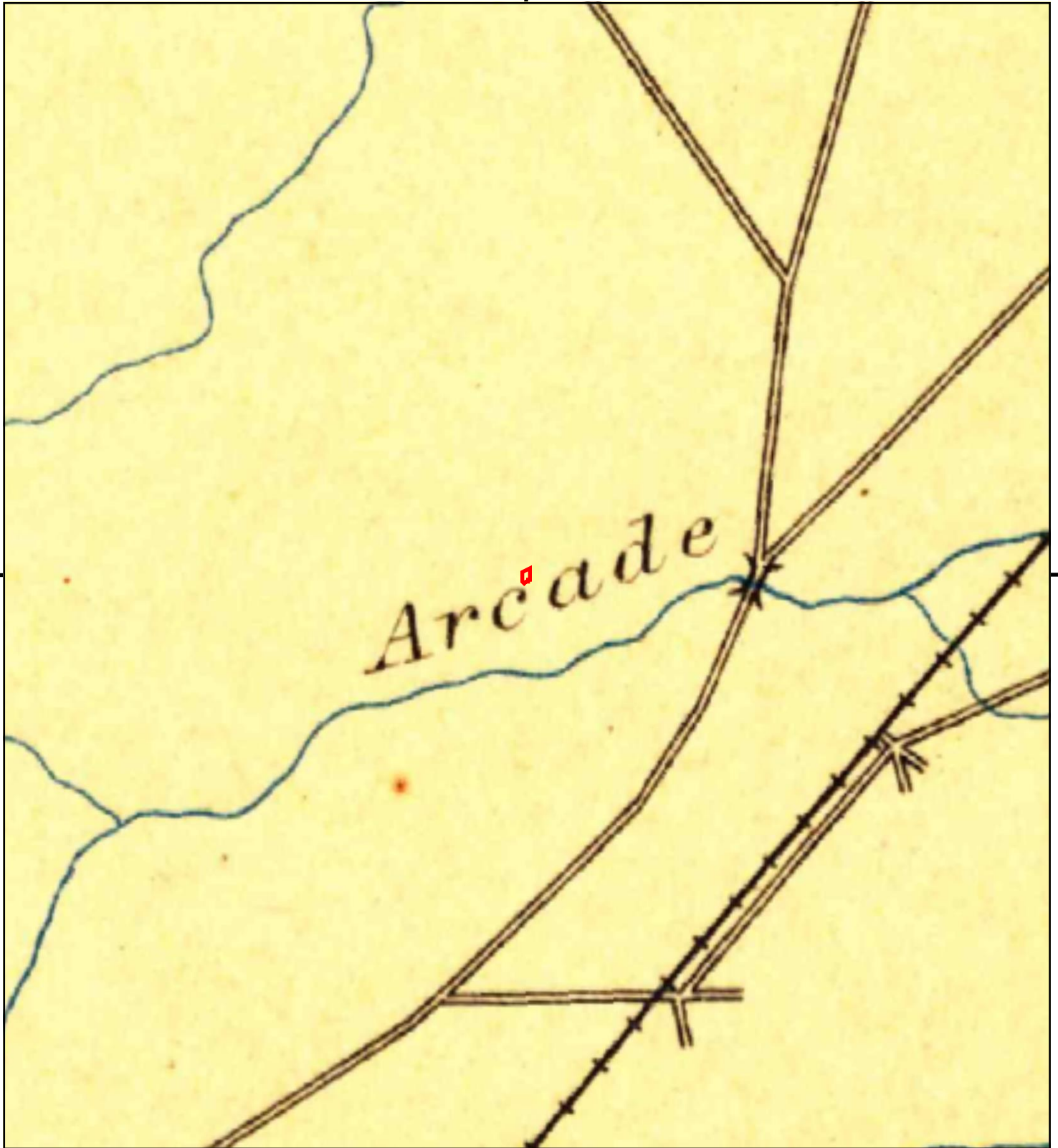


TP, Sacramento, 1893, 30-minute

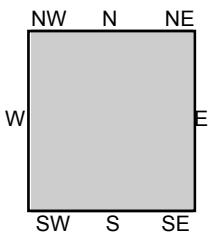
SITE NAME: Sarita Prasad SAC  
ADDRESS: 3200 Rio Linda Boulevard  
Sacramento, CA 95815  
CLIENT: Soar Environmental Consulting, Inc.







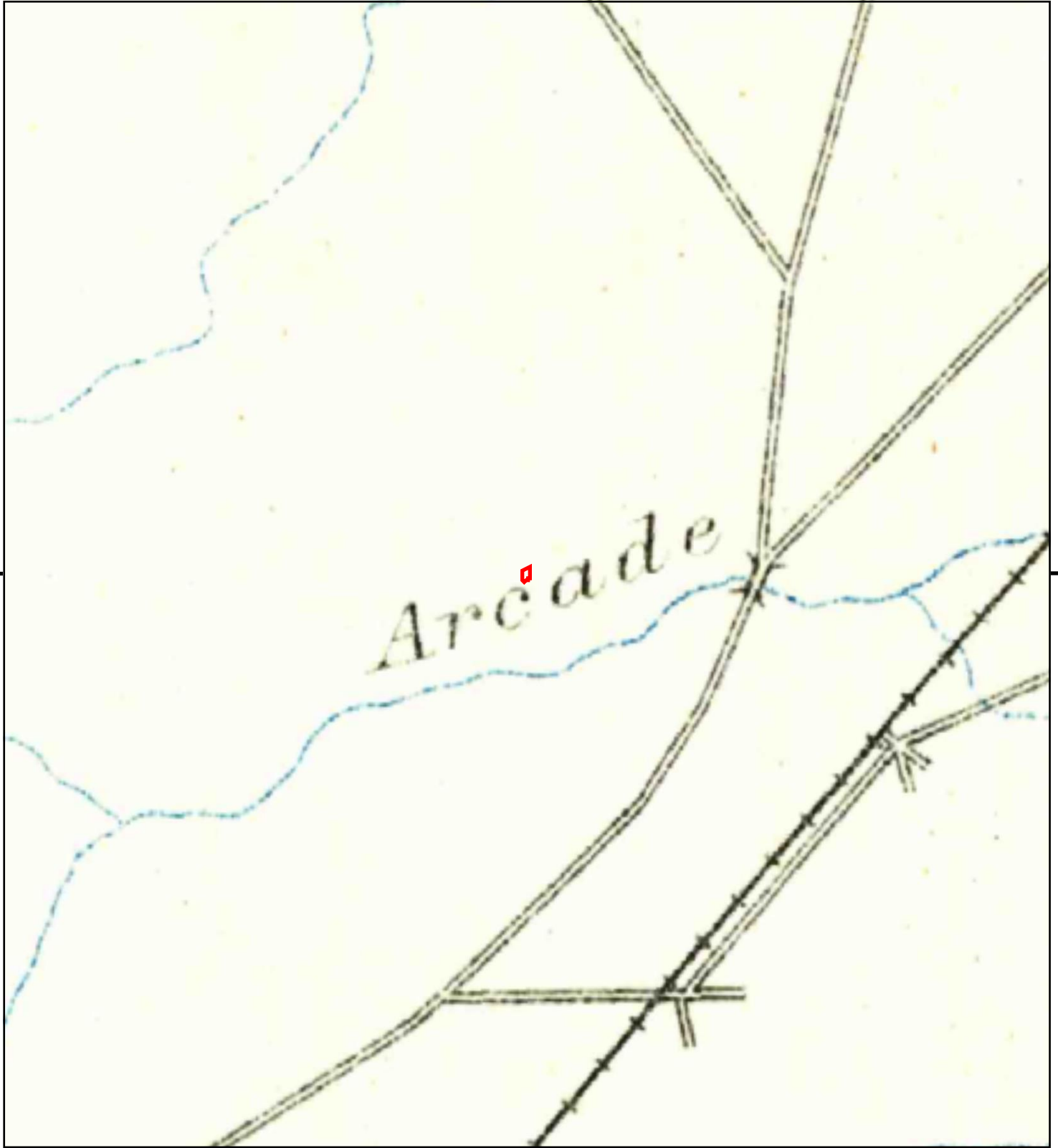
This report includes information from the following map sheet(s).



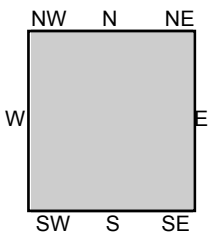
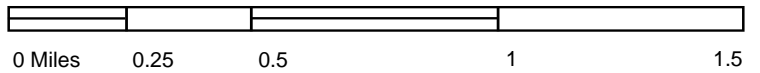
TP, Sacramento, 1892, 30-minute

SITE NAME: Sarita Prasad SAC  
ADDRESS: 3200 Rio Linda Boulevard  
Sacramento, CA 95815  
CLIENT: Soar Environmental Consulting, Inc.





This report includes information from the following map sheet(s).



TP, Sacramento, 1891, 30-minute

SITE NAME: Sarita Prasad SAC  
ADDRESS: 3200 Rio Linda Boulevard  
Sacramento, CA 95815  
CLIENT: Soar Environmental Consulting, Inc.







INQUIRY #: 7287764.8

YEAR: 1993

 = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.





INQUIRY #: 7287764.8

YEAR: 1984

 = 500'







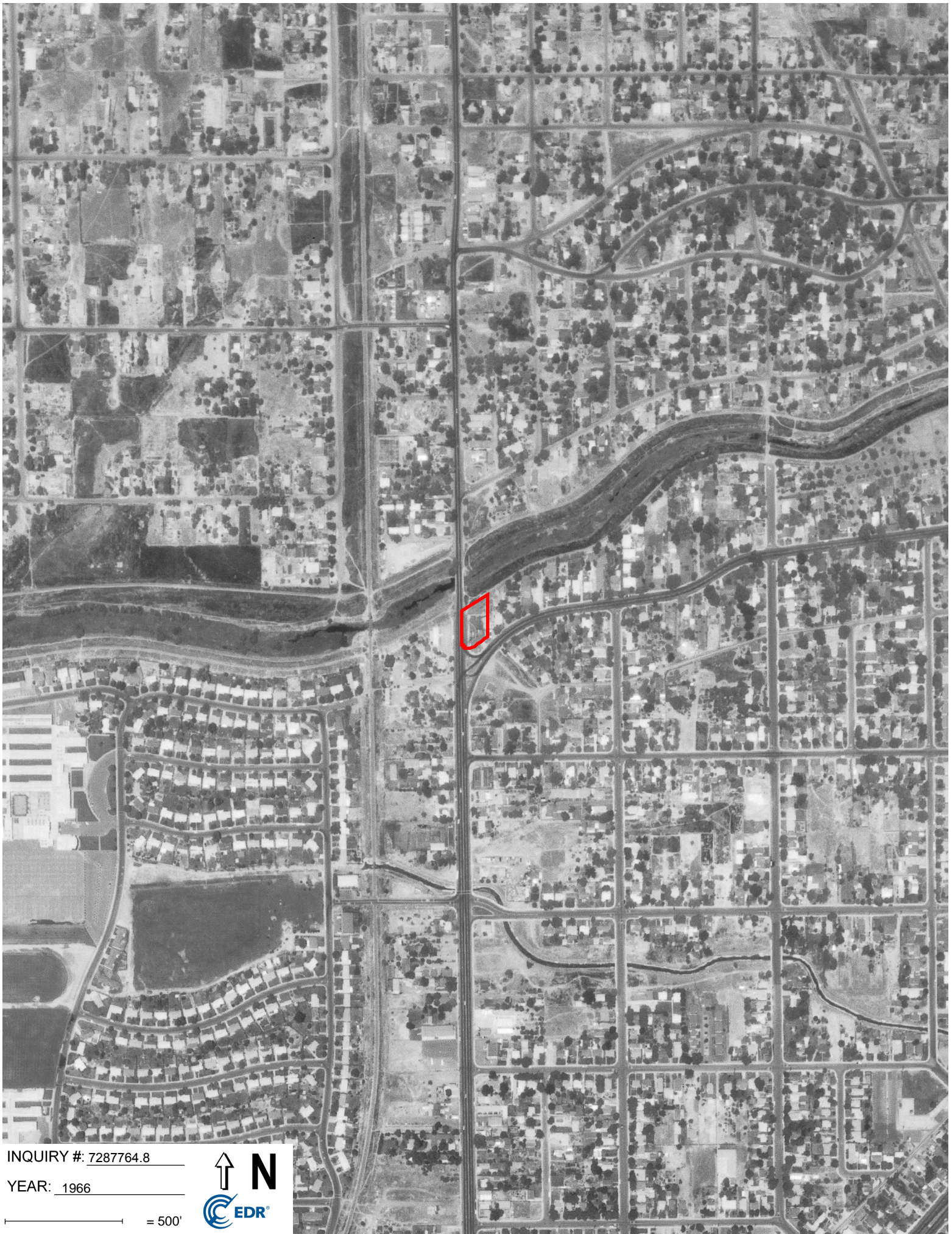
INQUIRY #: 7287764.8

YEAR: 1972

— = 500'







INQUIRY #: 7287764.8

YEAR: 1966

— = 500'







INQUIRY #: 7287764.8

YEAR: 1964

— = 500'







INQUIRY #: 7287764.8

YEAR: 1957

— = 500'







INQUIRY #: 7287764.8

YEAR: 1947

— = 500'







INQUIRY #: 7287764.8

YEAR: 1937

— = 500'



**Sarita Prasad SAC**

3200 Rio Linda Boulevard  
Sacramento, CA 95815

Inquiry Number: 7287764.5

March 23, 2023

# The EDR-City Directory Abstract

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### SECTION

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City Directory Images

*Thank you for your business.*

Please contact EDR at 1-800-352-0050  
with any questions or comments.

### **Disclaimer - Copyright and Trademark Notice**

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract 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 Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at approximately five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through current. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

Summary information obtained is provided in the text of this report.

### RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2020	EDR Digital Archive	-	X	X	-
2017	Cole Information	X	X	X	-
2014	Cole Information	X	X	X	-
2010	Cole Information	X	X	X	-
2005	Cole Information	X	X	X	-
	Haines Company, Inc.	X	X	X	-
2002	SBC PACIFIC BELL	-	-	-	-
2000	Cole Information	X	X	X	-
1999	Haines & Company	X	X	X	-
1995	Cole Information	X	X	X	-
	Pacific Bell	X	X	X	-
1992	Cole Information	X	X	X	-
1991	Pacific Bell	-	X	X	-
1982	R. L. Polk & Co.	-	-	-	-
1980	R. L. Polk & Co.	X	X	X	-
1975	R. L. Polk & Co.	X	X	X	-



## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1970	Sacramento Directory Co.	X	X	X	-
1966	Sacramento Directory Co.	-	-	-	-
1965	Sacramento Directory Co. Publishers	X	X	X	-
1961	Sacramento Directory Co.	X	X	X	-
1957	Sacramento Directory Co.	X	X	X	-
1956	Sacramento Directory Co.	-	X	X	-
1952	Sacramento Directory Co.	X	X	X	-
1947	Sacramento Directory Co.	-	X	X	-
1942	Sacramento Directory Co.	X	X	X	-
1937	Sacramento Directory Co.	-	-	-	-
1933	Sacramento Directory Co.	-	-	-	-
1928	Sacramento Directory Co.	-	-	-	-
1923	Sacramento Directory Co.	-	-	-	-
1920	Sacramento Directory Co.	-	-	-	-

# FINDINGS

## TARGET PROPERTY INFORMATION

### ADDRESS

3200 Rio Linda Boulevard  
Sacramento, CA 95815

### FINDINGS DETAIL

Target Property research detail.

### RIO LINDA BLVD

#### **3200 RIO LINDA BLVD**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	FUEL STOP	Cole Information
2014	FUEL STOP	Cole Information
2010	FUEL STOP	Cole Information
2005	FUEL STOP	Cole Information
2000	FULL STOP	Cole Information
1999	FARUK Mohammed	Haines & Company
	FULL STOP	Haines & Company
1995	FULL STOP	Cole Information
	Full Stop	Pacific Bell
1992	FUEL STOP	Cole Information
1980	Speed Bird Gas Station	R. L. Polk & Co.
1975	Vacant	R. L. Polk & Co.
1970	Gerwer Shell Service	Sacramento Directory Co.
1965	Gerwer Shell Serv gas sta	Sacramento Directory Co. Publishers
1961	Arcade Shell Service gas sta	Sacramento Directory Co.
1957	Arcade Shell Service	Sacramento Directory Co.
1952	Christensen T T gro	Sacramento Directory Co.
1942	Fretts H A gro	Sacramento Directory Co.

## FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### ALTOS AVE

##### **3206 ALTOS AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	Steenburgen Marvin w a	Sacramento Directory Co.
1952	Steenburgen Marvin	Sacramento Directory Co.

##### **3209 ALTOS AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1952	Vacant	Sacramento Directory Co.

##### **3212 ALTOS AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	Golding Anne Mrs	Sacramento Directory Co.
1952	Griggs R R	Sacramento Directory Co.

##### **3219 ALTOS AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	Vance Alvin L w a	Sacramento Directory Co.

##### **3220 ALTOS AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	Mallory Leslie A	Sacramento Directory Co.
	AWAS 8986	Sacramento Directory Co.
1952	Mallory L A	Sacramento Directory Co.

##### **3233 ALTOS AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SYEDA HAMDANI	EDR Digital Archive
2017	ANDREW GARCIA	Cole Information
2014	ANDREW GARCIA	Cole Information
2010	SONIA GUTIERREZ	Cole Information
2005	GARCIAAndrew	Haines Company, Inc.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	ANDREW GARCIA	Cole Information
1999	CRENSHAW Truman	Haines & Company
1995	CRENSHAW Truman O	Pacific Bell
	CRENSHAW, TRUMAN O	Cole Information
1992	CRENSHAW, TRUMAN O	Cole Information
1991	Crenshaw Truman O	Pacific Bell
1980	Byers Charles C	R. L. Polk & Co.
1975	Byers Charles C	R. L. Polk & Co.
1970	Byers Charles C	Sacramento Directory Co.

### 3241 ALTOS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ENEKO GILES	EDR Digital Archive
	JOHNNY MCKNIGHT	EDR Digital Archive
	CHASE CHARLES	EDR Digital Archive
2017	RUTH EVERETT	Cole Information
2014	RUTH EVERETT	Cole Information
2010	RUTH EVERETT	Cole Information
2005	EVERETTDanel I	Haines Company, Inc.
1999	EVERETT Daniel	Haines & Company
1995	EVERETT C Danl	Pacific Bell
	EVERETT, C D	Cole Information
1992	EVERETT, C D	Cole Information
1991	Everett C Danl	Pacific Bell
1980	Everett Clifford	R. L. Polk & Co.
1975	Everett Clifford	R. L. Polk & Co.
1970	Everett D Cliff	Sacramento Directory Co.

### 3245 ALTOS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	XXXX	Haines & Company
	TAYLOR Lila	Haines & Company
1980	Grant Ken	R. L. Polk & Co.
1975	Johnson William	R. L. Polk & Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	No Return	Sacramento Directory Co.

### **ARCADE BLVD**

#### **807 ARCADE BLVD**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	RIGOBERTO LOPEZ	EDR Digital Archive
2017	RIGOBERTO LOPEZ	Cole Information
2014	BERTIN MENDOZA	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	OGUTIERREZ Fedenco	Haines Company, Inc.
	OCCUPANT UNKNOWN	Cole Information
2000	F GUTIERREZ	Cole Information
1999	GUTIERREZ Federico	Haines & Company
1995	SANCHEZ, PEDRO	Cole Information
1991	Sanchez Pete	Pacific Bell
1980	Ugenti Fiank	R. L. Polk & Co.
1975	Ugenti Frank R	R. L. Polk & Co.
1965	Ugenti Frank R W	Sacramento Directory Co. Publishers
1957	Ugenti Frank R w a	Sacramento Directory Co.
1952	Ugenti F R	Sacramento Directory Co.

#### **808 ARCADE BLVD**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	RUBEN LUA	EDR Digital Archive
2017	LUCKRISA JONES	Cole Information
2014	LUCKRISA JONES	Cole Information
2010	PHILLIP UPEGA	Cole Information
2005	JONESLuckrrisa	Haines Company, Inc.
	SMALLEY Roberta	Haines Company, Inc.
2000	LUCY JONES	Cole Information
1999	JONES Lucy	Haines & Company
1995	OCCUPANT UNKNOWNN	Cole Information
1980	James C	R. L. Polk & Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Estes Wilma V Mrs	R. L. Polk & Co.
1970	Estes Wilma V Mrs	Sacramento Directory Co.
1965	Estes Wilma V Mrs Os W	Sacramento Directory Co. Publishers
1957	Schrader 0 Constn w a	Sacramento Directory Co.
	Schrader Odis 0 4 W	Sacramento Directory Co.
1952	Schrader Odis	Sacramento Directory Co.

### 813 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SHARON NAYLOR	EDR Digital Archive
2017	CARLOS LUJAN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	XXXX	Haines Company, Inc.
	PATRICK ROBIN	Cole Information
2000	SHARON MAYLOR	Cole Information
1999	MAYLOR Sharon	Haines & Company
	BATES ROBT G	Haines & Company
1980	Rains James L	R. L. Polk & Co.
1975	Rains James L	R. L. Polk & Co.
1970	Hammett Lawrence V Jr	Sacramento Directory Co.
1965	Clark Jos F W	Sacramento Directory Co. Publishers
	Uman Alan D	Sacramento Directory Co. Publishers
1957	Clark Jos F O	Sacramento Directory Co.

### 844 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	ONARAYAN Pushpa	Haines Company, Inc.

### 859 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ANTONIO MORALES	Cole Information

### 930 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	THOMAS RAWLINS	EDR Digital Archive

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	THERESA RAWLINS	EDR Digital Archive
2017	PATRICIA DUNN	Cole Information
2014	LAVADA JACKSON	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	JORDAN Jeffery	Haines Company, Inc.
	JIM JORDAN	Cole Information
2000	WILLIAM JORDAN	Cole Information
1999	JORDAN William J	Haines & Company
1995	OCCUPANT UNKNOWNNN	Cole Information
1980	Jordan Edgai W	R. L. Polk & Co.
1975	Jordan Edgar W	R. L. Polk & Co.
1970	Jordan Edgar W	Sacramento Directory Co.
1965	Jordan Edgar W	Sacramento Directory Co. Publishers
1957	Campbell John H w a	Sacramento Directory Co.
1952	Stringfield S L jr	Sacramento Directory Co.
	rear Elder D H	Sacramento Directory Co.
1947	Cratg R XV	Sacramento Directory Co.
1942	Jones Melvin	Sacramento Directory Co.

### 935 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	DORRIS DOLE	EDR Digital Archive
	LOONIE GABALL	EDR Digital Archive
	DESIREE GABALL	EDR Digital Archive
	RONALD MC GOWEN	EDR Digital Archive
	BARBARA CARPENTER	EDR Digital Archive
2017	RONALD MCGOWEN	Cole Information
2014	REGINA CARTER	Cole Information
2005	OGABALLLoonr	Haines Company, Inc.
	LOONIE GABALL	Cole Information
2000	GARY FORNCROOK	Cole Information
1999	FORNCROOK Gary	Haines & Company
1995	FORNCROOK, GARY M	Cole Information

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Mitchell David B	R. L. Polk & Co.
1975	Proctor Wanda Mrs	R. L. Polk & Co.
1970	Edwards Fernanda B Mrs	Sacramento Directory Co.
1965	Connors Chas	Sacramento Directory Co. Publishers
1957	Triznble Roy A 0 wa	Sacramento Directory Co.
1952	Trimble R A sand and gravel	Sacramento Directory Co.
1947	Kiedaisch K D	Sacramento Directory Co.
1942	Milne J M	Sacramento Directory Co.

### 940 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MARIA PEREZ	Cole Information

### 943 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	MICHAEL WILLIAMS	Cole Information
2014	MICHAEL WILLIAMS	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	XXXX	Haines Company, Inc.
	CARLA WILLIAMS	Cole Information
1999	PEREZ Maria E	Haines & Company
1980	Charamzd	R. L. Polk & Co.
1975	Willis Leland A	R. L. Polk & Co.
1970	Vacant	Sacramento Directory Co.
1965	Edwards Fernanda Mrs L W	Sacramento Directory Co. Publishers
1957	Edwards Fernanda E Mrs	Sacramento Directory Co.
1952	Edwards F E Mrs	Sacramento Directory Co.
1947	Talbot H M	Sacramento Directory Co.
1942	Edwards Fernanda Mrs	Sacramento Directory Co.

### 944 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	LINDA NGUYEN	EDR Digital Archive
	JOSE HERNANDEZ	EDR Digital Archive



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	MARY BREVERLY	Cole Information
2014	MARY BREVERLY	Cole Information
2010	VLADIMIR SAMOYLOVICH	Cole Information
2005	HERNANDEZ Ramiro	Haines Company, Inc.
	FERNANDO HERNANDEZ	Cole Information
1999	HERNANDEZ Jose	Haines & Company
1995	WRIGHT, PHILIP W	Cole Information
1980	Schneider Ottilie	R. L. Polk & Co.
1975	Green Frank	R. L. Polk & Co.
1970	No Return	Sacramento Directory Co.
1965	Butler Cyril D W}	Sacramento Directory Co. Publishers
1957	Butler Cyril D 0 w a	Sacramento Directory Co.
1952	Boutwell C L	Sacramento Directory Co.

### 945 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SONDRA HAMMOND	EDR Digital Archive
2017	SONDRA HAMMOND	Cole Information
2014	CARLA WILLIAMS	Cole Information
2010	NICOLE TILLMAN	Cole Information
2005	OMILLER Andre	Haines Company, Inc.
	MARSHA WALTON	Cole Information
1999	WILSON Donald	Haines & Company
1980	Vacant	R. L. Polk & Co.
1975	Brown Hans R	R. L. Polk & Co.
1970	No Return	Sacramento Directory Co.
1965	No Return	Sacramento Directory Co. Publishers
1957	Wright Thos S w a	Sacramento Directory Co.
1952	Simunek R F	Sacramento Directory Co.
1947	St John J D	Sacramento Directory Co.
1942	Strothers Chester	Sacramento Directory Co.

## FINDINGS

### 948 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	RANDY LEWIS	EDR Digital Archive
2014	JOE CHWALOWSKI	Cole Information
2010	JOE CHWALOWSKI	Cole Information
2005	SCHWALOWSKI Jozef DANLEY T T DANLEY	Haines Company, Inc. Cole Information
2000	RANDY LEWIS	Cole Information
1999	CHWALOWSKI Jozel LEWIS Randy	Haines & Company Haines & Company
1980	Lewis Randall	R. L. Polk & Co.
1975	Christiano Alvarez	R. L. Polk & Co.
1970	No Return	Sacramento Directory Co.
1965	Hillebrand Robt G O W	Sacramento Directory Co. Publishers
1957	Hillebrand Robt G w a	Sacramento Directory Co.
1952	Prescott C E	Sacramento Directory Co.

### 949 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	BEATRICE MCKAY	EDR Digital Archive
2017	BEATRICE MCKAY	Cole Information
2014	BEATRICE MCKAY	Cole Information
2010	BARBARA SHAW	Cole Information
2005	MCKAY Beatrice	Haines Company, Inc.
2000	B MCKAY	Cole Information
1999	MCKAY Beatrice	Haines & Company
1995	MCKAY, B	Cole Information
1980	Mc Kay L Beatrice Mrs	R. L. Polk & Co.
1975	Mc Kay L Beatrice Mrs	R. L. Polk & Co.
1970	Mc Kay Beatrice L Mrs	Sacramento Directory Co.
1965	Mc Kay Marion A O W	Sacramento Directory Co. Publishers
1957	Whitcomb Bennie E w a	Sacramento Directory Co.
1952	Whitcomb B E	Sacramento Directory Co.
1947	Hill L H	Sacramento Directory Co.

## FINDINGS

### 952 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	JAIME HUERTA	EDR Digital Archive
	BRANDON VERGARA	EDR Digital Archive
2017	JAIME HUERTA	Cole Information
2014	ERNESTO VEVGAR	Cole Information
2010	NAYELI BERNAL	Cole Information
2005	FLORESJuan	Haines Company, Inc.
	JUAN FLORES	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1999	GUTIERREZ Bolsa	Haines & Company
1995	MEZA Sergio	Pacific Bell
	OCCUPANT UNKNOWN	Cole Information
1980	Hopkins Haivev	R. L. Polk & Co.
1975	Pickering Ruben	R. L. Polk & Co.
1970	No Return	Sacramento Directory Co.
1965	Paul Larry J	Sacramento Directory Co. Publishers
1957	Tyhurst Ernest R jr	Sacramento Directory Co.

### 955 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ALLEN DORRELL	EDR Digital Archive
	SARAH DORRELL	EDR Digital Archive
2017	ALLEN DORRELL	Cole Information
2014	ALLEN DORRELL	Cole Information
2010	ALLEN DORRELL	Cole Information
2005	DORRELLAllen	Haines Company, Inc.
	ALLEN DORRELL	Cole Information
1999	KEBEDE Wehiba	Haines & Company
1995	OCCUPANT UNKNOWN	Cole Information
1991	De Vore Wm J	Pacific Bell
1980	De Voie Marv O Mrs	R. L. Polk & Co.
1975	De Vore Wm J	R. L. Polk & Co.
1970	De Vore Wm J	Sacramento Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	De Vore Wm J 0 WAS 5514	Sacramento Directory Co. Publishers
1957	De Vore Wm J 0 w a	Sacramento Directory Co.
1952	Yates C E	Sacramento Directory Co.
1947	De Tore Arnanda Mrs	Sacramento Directory Co.
1942	Thompson E D	Sacramento Directory Co.

### 961 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	VERONICA DARLING	Cole Information
2005	XXXO	Haines Company, Inc.
	VERONICA DARLING	Cole Information
1999	DARLING Robert	Haines & Company
1995	DARLING, ROBERT C	Cole Information
1980	Darling Robt C	R. L. Polk & Co.
1975	Darling Robt C	R. L. Polk & Co.
1970	Darling Robt C	Sacramento Directory Co.
1965	Darling Robt C 0 W	Sacramento Directory Co. Publishers
1957	Darling Robt C 0 w a	Sacramento Directory Co.
1952	Rachels Leonard	Sacramento Directory Co.
1947	Vacant	Sacramento Directory Co.
1942	Barry Geo	Sacramento Directory Co.

### 970 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	RICKEY JOHANSEN	EDR Digital Archive
	TELESFORO MORALES	EDR Digital Archive
2017	TELESFORO MORALES	Cole Information
2014	BEA TRICE POLLIVER	Cole Information
2005	SMITHTerry A	Haines Company, Inc.
1999	JOHANSEN Rickey	Haines & Company
1995	OCCUPANT UNKNOWNN	Cole Information
1992	WING, JOHN	Cole Information
1980	Heinandez Vincent	R. L. Polk & Co.

## FINDINGS

### 971 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	JEFFREY CROFOOT	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	OCROFOOT Jeffrey	Haines Company, Inc.
	JEFFREY CROFOOT	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1999	JIMENEZ Steven	Haines & Company
1995	JIMENEZ, S A	Cole Information
1980	Wolivet Sid	R. L. Polk & Co.
1975	Gentry Butch	R. L. Polk & Co.
1970	White Hazel F Mrs	Sacramento Directory Co.
1965	White Hazel F Mrs 0 WA 5 240 E	Sacramento Directory Co. Publishers
1957	White Hazel F Mrs	Sacramento Directory Co.
1952	White H F Mrs	Sacramento Directory Co.
1947	AWhite H F Mrs	Sacramento Directory Co.
1942	OWhite R V	Sacramento Directory Co.

### 978 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	XXXX	Haines & Company

### 980 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	RAYMUNDO RUIZ	EDR Digital Archive
	YAHAYRA RUIZ	EDR Digital Archive
	MARIA RUIZ	EDR Digital Archive
2017	RAYMUNDO RUIZ	Cole Information
2014	RAYMUNDO RUIZ	Cole Information
2010	RAYMUNDO RUIZ	Cole Information
2005	ORUIZ Raymundo	Haines Company, Inc.
	RAYMUNDO RUIZ	Cole Information
2000	JAVIER RUIZ	Cole Information
1999	LAZCANO Jose Luis	Haines & Company

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	RUIZ Raymundo	Haines & Company
1995	RAU, RITA M	Cole Information
1980	Robler Eleanor	R. L. Polk & Co.
1975	Apartments	R. L. Polk & Co.
	Vacant	R. L. Polk & Co.
	Vacant	R. L. Polk & Co.
	Miner Henry	R. L. Polk & Co.
	Wever Howard	R. L. Polk & Co.
	Vacant	R. L. Polk & Co.
	Vacant	R. L. Polk & Co.
1970	Miner Henry	Sacramento Directory Co.
1965	Beddes Parley	Sacramento Directory Co. Publishers
	Vacant	Sacramento Directory Co. Publishers
1957	Crone Elmer J O wa	Sacramento Directory Co.
1952	Craig Loreen	Sacramento Directory Co.
	Luther Fred	Sacramento Directory Co.
	1/2 Nantze F W	Sacramento Directory Co.
1947	Fetch G G	Sacramento Directory Co.
	Mc Vey G A	Sacramento Directory Co.
1942	a Vanderhoff M L Mrs	Sacramento Directory Co.
	Sanfelice B F	Sacramento Directory Co.

### 981 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	BARBARA ENGELHARDT	Cole Information
2014	BARBARA ENGELHARDT	Cole Information
2010	BARBARA ENGELHARDT	Cole Information
2005	ENGELHARDTBarbara	Haines Company, Inc.
	BARBARA ENGELHARDT	Cole Information
2000	BARBARA ENGELHARDT	Cole Information
1999	ENGELHARDT Barbara	Haines & Company
1995	ENGELHARDT, BARBARA A	Cole Information
1991	Blake W H	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Blake Wm II	R. L. Polk & Co.
1975	Blake Wm H	R. L. Polk & Co.
1970	Blake Wm H	Sacramento Directory Co.
1965	Blake Wm H O W	Sacramento Directory Co. Publishers
1957	Blake Wmn H O A W	Sacramento Directory Co.
1952	Blake W H	Sacramento Directory Co.
1947	Blake W H	Sacramento Directory Co.
1942	Dahlberg R L	Sacramento Directory Co.

### 982 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	XXXX	Haines & Company
1980	Covington Herman	R. L. Polk & Co.
1975	Vacant	R. L. Polk & Co.
1970	Crone Elmer J	Sacramento Directory Co.
	Nicholas Roy	Sacramento Directory Co.
	Buis Edw L	Sacramento Directory Co.
1957	King Arth C	Sacramento Directory Co.

### 984 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Teetei s Irothy	R. L. Polk & Co.

### 988 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ANTHONY COX	EDR Digital Archive
	CASEY ARMSTRONG	EDR Digital Archive
	NICOLE COX	EDR Digital Archive
	TYSON CAITANO	EDR Digital Archive
2017	DANIELLE GEER	Cole Information
2014	CASEY ARMSTRONG	Cole Information
2010	TYSON CAITANO	Cole Information
2005	OCAITANOTyson	Haines Company, Inc.
	TYSON CAITANO	Cole Information

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	DORN Michael	Haines & Company
	SANDOVAL Cristina	Haines & Company
	TINLOY Gregory	Haines & Company
1991	Ferguson Raymond W	Pacific Bell
1980	Felling Dorii	R. L. Polk & Co.
1975	Felling D I	R. L. Polk & Co.
1970	Feiling D I	Sacramento Directory Co.
1965	Valdez John G	Sacramento Directory Co. Publishers
1957	Marion Nolan R w a	Sacramento Directory Co.
1952	Burcham L T	Sacramento Directory Co.
1947	Hamilton C V	Sacramento Directory Co.

### 990 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	DAVID TY	EDR Digital Archive
	VINHPHUC NGUYEN	EDR Digital Archive
2014	OCCUPANT UNKNOWN	Cole Information
2005	POONJasbir	Haines Company, Inc.
	OCCUPANT UNKNOWN	Cole Information
2000	C SANDOVAL	Cole Information
1980	Deatfino Joxce Mrs	R. L. Polk & Co.
1975	Destfino Frank J	R. L. Polk & Co.
1970	Destfino Frank J	Sacramento Directory Co.
1965	Destifino Frank O W	Sacramento Directory Co. Publishers
1957	Destifino Frank Co	Sacramento Directory Co.
1952	Destfino Frank	Sacramento Directory Co.
1947	Destfino Frank	Sacramento Directory Co.
1942	Destafino Frank	Sacramento Directory Co.

### 991 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	Eankins Warren L w a	Sacramento Directory Co.



## FINDINGS

### 995 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SONYA CARO	EDR Digital Archive
	MIGUEL CARO	EDR Digital Archive
2017	DENNETTE WILLIAMS	Cole Information
2014	SHANECO ARRINGTON	Cole Information
2010	DENNETTE WILLIAMS	Cole Information
2005	SCAROMiguel WILLi AMS Dnnene	Haines Company, Inc.
	DENNETTE WILLIAMS	Cole Information
2000	ALLEN HARRIS	Cole Information
1999	ALBERTY Denna	Haines & Company
1995	OCCUPANT UNKNOWNN	Cole Information
1992	MILLER, LEE J	Cole Information
1980	Vacant	R. L. Polk & Co.
1970	Brazell Charles W	Sacramento Directory Co.
1965	Brazell Chas W 0 W	Sacramento Directory Co. Publishers
1957	Boden Lloyd E w a	Sacramento Directory Co.
1952	Moore D K	Sacramento Directory Co.
1947	Harold F M	Sacramento Directory Co.

### 996 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Brazell Charles W	R. L. Polk & Co.

### 997 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	OCCUPANT UNKNOWNN	Cole Information
1999	XXXX	Haines & Company
	TINLOY Gregory	Haines & Company
1980	Vacant	R. L. Polk & Co.
1975	Brazell Robt	R. L. Polk & Co.
1970	Turner Judy Mrs	Sacramento Directory Co.
1965	Turknett Rosetta Mrs	Sacramento Directory Co. Publishers
1952	Vacant	Sacramento Directory Co.
1947	Vinz Peter	Sacramento Directory Co.

## FINDINGS

### 999 ARCADE BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	BRYAN WHITED	EDR Digital Archive
	CHRISTI WHITED	EDR Digital Archive
	TYRONE BARNES	EDR Digital Archive
2017	ANNIE HARRIS	Cole Information
	SHOEMAKE LAURA	Cole Information
	RICHELLE WINEGAR	Cole Information
	PAULINE WASHINGTON	Cole Information
2014	ANNIE HARRIS	Cole Information
	ALICIA MARSHALL	Cole Information
	CHARLES MONEY	Cole Information
	DERRICK CUNNINGHAM	Cole Information
2010	ANNIE HARRIS	Cole Information
	JERMAIN RANDLE	Cole Information
	RICHELLE WINEGAR	Cole Information
	ROMAN WARNER	Cole Information
2005	i HARISAnnie	Haines Company, Inc.
	SCOTTJe Srey	Haines Company, Inc.
	DAVID DOMANTAS	Cole Information
	ANNIE HARRIS	Cole Information
	KATINA BELVINS	Cole Information
	CARMEN COOK	Cole Information
	C CONCEPION	Cole Information
2000	D WOLDRIDGE	Cole Information
1999	BAKER Fred	Haines & Company
	GILBREA TH Audra	Haines & Company
	JACKSON Kumika	Haines & Company
1995	OCCUPANT UNKNOWNN	Cole Information
1980	Api tmens	R. L. Polk & Co.
	Chiave 7 Mai ia	R. L. Polk & Co.
	Gai cia Cailos	R. L. Polk & Co.
	Wommack Scott	R. L. Polk & Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Garcia Louis	R. L. Polk & Co.
	Scoggins S	R. L. Polk & Co.
	Wilson Kathleen	R. L. Polk & Co.
1975	Apartments	R. L. Polk & Co.
	Locke Gary	R. L. Polk & Co.
	Nesa Betty	R. L. Polk & Co.
	Cleveland Mary E	R. L. Polk & Co.
	Hopper Brian	R. L. Polk & Co.
	Leadakos John	R. L. Polk & Co.
	Carabasal Shirley	R. L. Polk & Co.
1970	Apartments	Sacramento Directory Co.
	Gully Jerimia	Sacramento Directory Co.
	No Return	Sacramento Directory Co.
	Woodworker Dorothy Mrs	Sacramento Directory Co.
	Van Vliet Frank L	Sacramento Directory Co.
	Bennett John W	Sacramento Directory Co.
	Mulder Kath	Sacramento Directory Co.
1965	Apartments	Sacramento Directory Co. Publishers
	Davis Mike	Sacramento Directory Co. Publishers
	Green John E	Sacramento Directory Co. Publishers
	Hendricks Haven D	Sacramento Directory Co. Publishers
	Mullen Frank V	Sacramento Directory Co. Publishers
	Vacant	Sacramento Directory Co. Publishers
	Hare Jerry W	Sacramento Directory Co. Publishers
1957	Mitchell Lorenzo B	Sacramento Directory Co.
1952	Mitchell L B	Sacramento Directory Co.
1947	AMitchell IL B	Sacramento Directory Co.
1942	Mitchell L B	Sacramento Directory Co.

## FINDINGS

### **BRANCH ST**

#### **3151 BRANCH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2020	ISAIAH BOSLEY	EDR Digital Archive
2017	ISAIAH BOSLEY	Cole Information
2014	MAGGIE LU	Cole Information
2005	BRUNORegina	Haines Company, Inc.
	OCORPUSAnge lo	Haines Company, Inc.
	REGINA BRUNO	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1999	WALKER Johnnie	Haines & Company
1980	Peters Benny C	R. L. Polk & Co.
1975	Peters Benny C	R. L. Polk & Co.
1965	Peters Mitsue	Sacramento Directory Co. Publishers
1961	Smith Richd W S w a	Sacramento Directory Co.
1957	Seiginan Theo A 2 w a	Sacramento Directory Co.
	Bacon Barbara Mrs w a	Sacramento Directory Co.

#### **3160 BRANCH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1999	HARRIS Marion	Haines & Company
1995	HARRIS Saml E	Pacific Bell
1991	Harris Saml E	Pacific Bell
1980	Harris Sami E	R. L. Polk & Co.
1975	Harris Sami E	R. L. Polk & Co.
1965	Harris Saml E 0 W	Sacramento Directory Co. Publishers
1961	Harris Sami E Sw a	Sacramento Directory Co.
1957	Harris Saml E 2 t W	Sacramento Directory Co.

#### **3161 BRANCH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2020	JERRY HADDIX	EDR Digital Archive
	LENA HADDIX	EDR Digital Archive
	FIONA YOUNG	EDR Digital Archive

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	TONYA HADDIX	EDR Digital Archive
	TAMMIE HADDIX	EDR Digital Archive
2017	JERRY HADDIX	Cole Information
2014	JERRY HADDIX	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	1 LINOSEY Charles PARK Allen	Haines Company, Inc.
	ALLEN PARK	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1999	LINDSEY Charles	Haines & Company
	PIERCE Kristina	Haines & Company
1995	KINGHORN, KARLA	Cole Information
1991	Volpe Rosie	Pacific Bell
1980	ir Lindsey Steph	R. L. Polk & Co.
1975	Simunek Rudolf F	R. L. Polk & Co.
1965	Simenek Rudy F	Sacramento Directory Co. Publishers
1961	Siimunek Rudy F S w a	Sacramento Directory Co.
1957	Simunek Rudy F	Sacramento Directory Co.

### 3170 BRANCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	FERNANDES Justeno	Haines Company, Inc.
1999	FERNANDES Justeno	Haines & Company
1995	FERNANDES Justeno	Pacific Bell
1991	Fernandes Justeno	Pacific Bell
1980	Fernandes Justeno	R. L. Polk & Co.
1975	Fernandes Justino	R. L. Polk & Co.
1965	Bellato Richd L	Sacramento Directory Co. Publishers
1961	Bellato Richd L S w a	Sacramento Directory Co.
1957	Bellato Richd L C w a	Sacramento Directory Co.

### 3171 BRANCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	RICK RAVELLA	EDR Digital Archive
2017	RICHARD RAVELLA	Cole Information

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	WILLIAM LANE	Cole Information
2010	CHRISTINA MCCANTS	Cole Information
2005	WESTLenard	Haines Company, Inc.
	LENARD WEST	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1999	WEST Lenard	Haines & Company
1995	WEST, LENARD D	Cole Information
1980	West Leonard D	R. L. Polk & Co.
1975	West Leonard D	R. L. Polk & Co.
1965	Davis Dale 0 W	Sacramento Directory Co. Publishers
1961	Davis Dale S	Sacramento Directory Co.
1957	Davis Dale C	Sacramento Directory Co.

### 3180 BRANCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	HARRIS Mar Ion 9r	Haines Company, Inc.
1980	Silva Louis T	R. L. Polk & Co.
1975	Silva Louis T	R. L. Polk & Co.
1965	Dunisch Paul R W	Sacramento Directory Co. Publishers
1961	Dunisch Paul H S AWAS 8202	Sacramento Directory Co.
1957	Dunisch Paul R 2 w a	Sacramento Directory Co.

### 3181 BRANCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SALVADOR PASILLAS	EDR Digital Archive
	SANTIAGO TEJEDA	EDR Digital Archive
2017	SALVADOR PASILLAS	Cole Information
2014	SALVADOR PASILLAS	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	OTEJEDA Santiago	Haines Company, Inc.
	OCCUPANT UNKNOWN	Cole Information
1999	PIERCE Kristina	Haines & Company
	TEJEDA Santiago	Haines & Company
	PIERCE Kristina	Haines & Company

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Ishisaka Johnny M	R. L. Polk & Co.
1975	Sigrist Frank A	R. L. Polk & Co.
1965	Sigrist Frank A	Sacramento Directory Co. Publishers
1961	Osman Francis W w a	Sacramento Directory Co.
1957	Osman Francis W	Sacramento Directory Co.

### 3191 BRANCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	JENNIFER MERRITT	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	JANET BUSH	Cole Information
2005	URIZARTimothy	Haines Company, Inc.
	TIMOTHY URIZAR	Cole Information

### EVANS

#### 800 EVANS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Mahorney Jay W	Sacramento Directory Co. Publishers
1961	Taylor Chas F 0 w a	Sacramento Directory Co.
1957	Taylor Chas F 4 W	Sacramento Directory Co.

#### 804 EVANS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Erickson Lester E	Sacramento Directory Co. Publishers
1961	Toper Fred	Sacramento Directory Co.
1957	Scriven Larry L w a	Sacramento Directory Co.

#### 808 EVANS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Roybal Joan M Mrs	Sacramento Directory Co. Publishers
1961	Cook Donald F	Sacramento Directory Co.
1957	Itiuble Jean L w a	Sacramento Directory Co.

## FINDINGS

### 817 EVANS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Thosychanh Many	Pacific Bell
1965	Schnell Harry C	Sacramento Directory Co. Publishers
1961	Schnell Harry C w a	Sacramento Directory Co.
1957	Schnell Harry C 0 w a	Sacramento Directory Co.

### EVANS ST

#### 800 EVANS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	KATIE SYMONS	EDR Digital Archive
2017	KATIE SYMONS	Cole Information
2014	NICOLE BRIGGS	Cole Information
2010	TELITHA FLOYD	Cole Information
2005	NONHPRASITH	Haines Company, Inc.
	Sangvane	Haines Company, Inc.
	SANGVANE NONHPRASITH	Cole Information
1980	Avad Rose	R. L. Polk & Co.
1975	Matthew s James E	R. L. Polk & Co.
1970	Vacant	Sacramento Directory Co.

#### 804 EVANS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	DIXIE CASCARELLA	EDR Digital Archive
	CEDRIC CASCARELLA	EDR Digital Archive
2017	DIXIE PAGE	Cole Information
2014	MARIO BURTON	Cole Information
2010	MARIO BURTON	Cole Information
2005	BURTONMario	Haines Company, Inc.
	MARIO BURTON	Cole Information
1980	Cook Donna P	R. L. Polk & Co.
1975	Campbell Albert A	R. L. Polk & Co.
1970	No Return	Sacramento Directory Co.



## FINDINGS

### 808 EVANS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	CASCARELLA DOMINICK	EDR Digital Archive
	CASCARELLA PATRICIA	EDR Digital Archive
2017	CEDRIC CASCARELLA	Cole Information
2014	CEDRIC CASCARELLA	Cole Information
1980	Cascarella Dominick	R. L. Polk & Co.
1975	Davey Wm H	R. L. Polk & Co.
1970	Vacant	Sacramento Directory Co.

### 811 EVANS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	RONALD ROY	EDR Digital Archive
2017	RONALD ROY	Cole Information
2014	VIJAY SINGH	Cole Information
2010	VIJAY SINGH	Cole Information

### 817 EVANS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SUNDEEP ATHWAL	EDR Digital Archive
2017	SUNDEEP ATHWAL	Cole Information
2014	ERYNN STEVENSON	Cole Information
2010	NELSON GEIGER	Cole Information
2005	SHARMAAai 00co	Haines Company, Inc.
	NELSON GEIGER	Cole Information
1992	THOSYCHANH, S	Cole Information
1980	Pugh Dorothy	R. L. Polk & Co.
1975	Davies Arth L	R. L. Polk & Co.
1970	Schnell Harry C	Sacramento Directory Co.

### OPAL LN

### 937 OPAL LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	NATALIE MADRIZ	EDR Digital Archive
2014	FRANZ ESPINOZA	Cole Information

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	NATALIE MADRIZ	Cole Information

### 950 OPAL LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ALVARO MEDINA	EDR Digital Archive
	ARICELIA LEON	EDR Digital Archive
2017	ALMA VASQUEZ	Cole Information
2014	ALMA VASQUEZ	Cole Information
2010	ALMA VASQUEZ	Cole Information
2005	MEDINAAlvaro	Haines Company, Inc.
2000	ALVARO MEDINA	Cole Information
1999	XXXX	Haines & Company

### 951 OPAL LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	NATALIE MADRIZ	EDR Digital Archive
2014	WALTER ESPINOZA	Cole Information
2010	WALTER ESPINOZA	Cole Information
2005	ESPINOZA Franz	Haines Company, Inc.
2000	R COOPER	Cole Information
1999	YEO Jeffery	Haines & Company
1995	ZAFRA, JUDI	Cole Information
1970	Caeser Wesley K	Sacramento Directory Co.

### 960 OPAL LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	TYLER EDWARDS	EDR Digital Archive
	ERIN EDWARDS	EDR Digital Archive
	AMANDA EDWARDS	EDR Digital Archive
	KETH MALLONEE	EDR Digital Archive
2017	FRANCISCO MARTIN	Cole Information
2014	MONICA SOTO	Cole Information
2010	KETH MALLONEE	Cole Information
2005	FUKATSCHJullus	Haines Company, Inc.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	JULIUS FUKATSCH	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1999	TREADWELL Patrick	Haines & Company
1995	GAMBLIN Christian F	Pacific Bell
	GAMBLIN, CHRISTI F	Cole Information
1970	Goble John	Sacramento Directory Co.

### 961 OPAL LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	NATALIE MADRIZ	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	ESPINOZA Franz	Haines Company, Inc.
	JOAQUIN LUJANO	Cole Information
2000	SHARA HOOVER	Cole Information
1999	WALKER Johnnie	Haines & Company
1995	LOPEZ, CESAR	Cole Information

### 963 OPAL LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	CECILIA MAIRANDA	Cole Information
2005	XXXX	Haines Company, Inc.
	OCCUPANT UNKNOWN	Cole Information
1999	XXXX	Haines & Company
1995	GUZMAN, JULIAN	Cole Information

### 974 OPAL LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ARK VAN	EDR Digital Archive
	MAURO SANCHEZ	EDR Digital Archive
2017	ANGELO CORPUS	Cole Information
2014	ANGELO CORPUS	Cole Information
2010	BILL TEED	Cole Information
2005	CORPUS Angelo	Haines Company, Inc.
	ANGELO CORPUS	Cole Information

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ANGELO CORPUS	Cole Information
1999	CORPUS Angelo	Haines & Company
	GRICHUHIN Karyn	Haines & Company
1995	CORPUS, ANGELO V	Cole Information
1991	Mc Essy Jason	Pacific Bell
1970	No Return	Sacramento Directory Co.

### RIO LINDA BLVD

#### **3104 RIO LINDA BLVD**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Vacant	Sacramento Directory Co. Publishers
1957	Turners Court w a k Ferris Geo	Sacramento Directory Co. Sacramento Directory Co.
1956	Turners Court 4 W Turner Mary K Mrs w a	Sacramento Directory Co. Sacramento Directory Co.
1952	Turners Court Frazier E W Keithley C L Turner F K	Sacramento Directory Co. Sacramento Directory Co. Sacramento Directory Co. Sacramento Directory Co.
1947	Turners Court Marsh Sofia Mrs ATurner F K Y	Sacramento Directory Co. Sacramento Directory Co. Sacramento Directory Co.
1942	Turner F K	Sacramento Directory Co.

#### **3108 RIO LINDA BLVD**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	FRANZ ESPINOZA	EDR Digital Archive
2017	FRANZ MADRIZ	Cole Information
2014	FRANZ MADRIZ	Cole Information
2010	MADRIZ NATALIE	Cole Information
2005	SESPINOZA Fraz OCCUPANT UNKNOWN	Haines Company, Inc. Cole Information
2000	JESS MONARREZ	Cole Information

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	MONARREZ Jess	Haines & Company
1995	MONARREZ Jess	Pacific Bell
	MONARREZ, JESS	Cole Information
1992	MONARREZ, JESS	Cole Information
1991	Monarrez Jess	Pacific Bell
1980	Monarrez Jess P	R. L. Polk & Co.
1970	Hammond Frank H	Sacramento Directory Co.
1965	Hammond Frank H	Sacramento Directory Co. Publishers
1961	Hammond Frank H	Sacramento Directory Co.
1957	Hammond Frank H	Sacramento Directory Co.
1956	Hammond Frank H	Sacramento Directory Co.
1952	Hammond F H	Sacramento Directory Co.
1947	Whiteside Jennie Mrs	Sacramento Directory Co.
1942	Whiteside Jennie	Sacramento Directory Co.

### 3117 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	TIFFANIE DRUMMER	Cole Information
2005	TIFFANIE DRUMMER	Cole Information

### 3125 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	MARY SAKHONE	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2005	XXXX	Haines Company, Inc.
	KIMBERLY DUNCAN	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1999	FLOYD Kathy L	Haines & Company
1980	Rice Archie	R. L. Polk & Co.
1975	AHyden James	R. L. Polk & Co.
1970	Carrol Alice H Mrs	Sacramento Directory Co.
1965	Wheat Fanny Mrs	Sacramento Directory Co. Publishers

## FINDINGS

### 3127 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	AWAIS KHAN	EDR Digital Archive
2017	HEATHER OSTRANDER	Cole Information
2014	ROSA GARCIA	Cole Information
2010	MARTHA MENERA	Cole Information
2005	JACKSON William	Haines Company, Inc.
	DAVID FIJALKA	Cole Information
1999	KOESTER Wilbur	Haines & Company
	GUZMAN Gerardo Arellano	Haines & Company
1995	BONGARD, P	Cole Information
1980	Rice Sue	R. L. Polk & Co.
1975	Galarneau Louise M	R. L. Polk & Co.
1970	Farncomb Robt R	Sacramento Directory Co.
1965	Styles lugh F W	Sacramento Directory Co. Publishers
1961	Vacant rear Woolsey Bobby E w a	Sacramento Directory Co.
1957	Oscarson Frank E	Sacramento Directory Co.
1956	Oscarson Frank E	Sacramento Directory Co.
1952	Hayes J H	Sacramento Directory Co.
	Oscarson F E	Sacramento Directory Co.
1947	AStilman C E Mrs Y	Sacramento Directory Co.
1942	Vacant	Sacramento Directory Co.

### 3130 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	WALTER ESPINOZA	Cole Information
1999	XXXX	Haines & Company
1995	OCCUPANT UNKNOWNN	Cole Information
1991	Appliance World	Pacific Bell
1980	Petty Appliances household appliances	R. L. Polk & Co.
1975	Glorias Sw ap Shop	R. L. Polk & Co.
1970	No Return	Sacramento Directory Co.

## FINDINGS

### 3133 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ARTURO MUNOZ	EDR Digital Archive
2017	BECKY BAKER	Cole Information
2014	ARTURO MUNOZ	Cole Information
2010	ARTURO MUNOZ	Cole Information
2005	MUNOZArturo Jr	Haines Company, Inc.
2000	OCCUPANT UNKNOWN	Cole Information
1999	HAUSCHILDT Arthur	Haines & Company
1995	OCCUPANT UNKNOWN	Cole Information
1980	Garza Marion B Mrs	R. L. Polk & Co.
1975	Zeller Alma Mrs	R. L. Polk & Co.
1970	Johnson Carl	Sacramento Directory Co.
1965	Cooper Anna C Mrs W	Sacramento Directory Co. Publishers
1961	Folkenstad Milton w a	Sacramento Directory Co.
1957	Vacant	Sacramento Directory Co.
1956	Bousliman Geo w a	Sacramento Directory Co.
1952	Vacant	Sacramento Directory Co.
1947	AStarr J G	Sacramento Directory Co.
1942	Starr J G	Sacramento Directory Co.

### 3135 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	STEPHEN WILLIAMS	EDR Digital Archive
	AURIELLE WILLIAMS	EDR Digital Archive
	DEBRA WILLIAMS	EDR Digital Archive
2017	STEVEN WILLIAMS	Cole Information
2014	STEVEN WILLIAMS	Cole Information
2005	ODUENSING Henry C	Haines Company, Inc.
	HENRY DUENSING	Cole Information
2000	HENRY DUENSING	Cole Information
1999	DUENSING Henry C	Haines & Company
1995	DUENSING Henry C	Pacific Bell
	DUENSING, HENRY C	Cole Information

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	DUENSING, HENRY C	Cole Information
1991	Duensing Henry C	Pacific Bell
1980	Duensing Heniy C	R. L. Polk & Co.
1975	Duensing Henry C fun fnshr	R. L. Polk & Co.
1970	Duensing Henry C furn fnshr	Sacramento Directory Co.
1965	Duensing Henry C furn fnshr W	Sacramento Directory Co. Publishers
1961	Duensing Henry C furn fnshr WA	Sacramento Directory Co. Sacramento Directory Co.
1957	Duensing Henry C furn fnshr	Sacramento Directory Co.
1956	Duensing Henry C	Sacramento Directory Co.
1952	Duensing H C	Sacramento Directory Co.
1942	&Beierle John	Sacramento Directory Co.

### 3137 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	JAMES RODARAKIS	EDR Digital Archive
2014	OCCUPANT UNKNOWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
1965	No Return	Sacramento Directory Co. Publishers
1961	Cooper Anna Mrs w a	Sacramento Directory Co.
1957	Jamnison Lloyd W Vacant	Sacramento Directory Co. Sacramento Directory Co.
1956	Mitchell Glen R w a	Sacramento Directory Co.
1952	Vacant	Sacramento Directory Co.
1947	ABenson B R Y	Sacramento Directory Co.
1942	Benson B R poultry	Sacramento Directory Co.

### 3139 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Apartments	Sacramento Directory Co. Publishers
	No Return	Sacramento Directory Co. Publishers
	Psonas Beverly Mrs	Sacramento Directory Co. Publishers
	No Return	Sacramento Directory Co. Publishers
	Weston Guy H	Sacramento Directory Co. Publishers



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Hewitt Robt W	Sacramento Directory Co. Publishers
	Morris Joanne Mrs	Sacramento Directory Co. Publishers
	Smith Jean Mrs	Sacramento Directory Co. Publishers
1961	Apartments Aduson Elsa Mrs 4 W	Sacramento Directory Co.
	Arens Oscar	Sacramento Directory Co.
	Olson Robin	Sacramento Directory Co.
	Vacant	Sacramento Directory Co.
	Weston Guy H	Sacramento Directory Co.
1957	No Return	Sacramento Directory Co.
	Apartments	Sacramento Directory Co.
	Edy Delrner A	Sacramento Directory Co.
	Hankins Floyd	Sacramento Directory Co.
	Emerson Geo J	Sacramento Directory Co.
	Weston Guy H Addison Elsa L Mrs w a	Sacramento Directory Co.
1956	Johnson Scott S w a	Sacramento Directory Co.
	Johnsons Mtr Courts	Sacramento Directory Co.
1952	Johnson S S	Sacramento Directory Co.
	Nickles Edith Mrs	Sacramento Directory Co.
	Short O B	Sacramento Directory Co.
	Simpson B J	Sacramento Directory Co.
	White L F	Sacramento Directory Co.

### 3141 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	XXXX	Haines & Company
	GUZMAN Gerardo Arellano	Haines & Company
1970	Apartments	Sacramento Directory Co.
	Sanderson John V	Sacramento Directory Co.
	Vacant	Sacramento Directory Co.
	Vacant	Sacramento Directory Co.
	Otto Edna	Sacramento Directory Co.
	Williams Ed	Sacramento Directory Co.
	Vacant	Sacramento Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Vacant	Sacramento Directory Co.
	Doty Harold	Sacramento Directory Co.
	No Return	Sacramento Directory Co.
1965	Lewis Richd A	Sacramento Directory Co. Publishers
	Davis Robt	Sacramento Directory Co. Publishers
	Chuck Carl B	Sacramento Directory Co. Publishers
	Thomas Geraldine Mrs	Sacramento Directory Co. Publishers
	Geyer Kenneth	Sacramento Directory Co. Publishers
	Marvel Donald	Sacramento Directory Co. Publishers
1961	Apartments	Sacramento Directory Co.
	No Return	Sacramento Directory Co.
	Monroe Chas	Sacramento Directory Co.
	Vacant	Sacramento Directory Co.
	Castle Tommy	Sacramento Directory Co.
	Reich Albert	Sacramento Directory Co.
	Knowlton Paul	Sacramento Directory Co.
	Noland Elsworth M O 4 W	Sacramento Directory Co.
1957	Nolans Court w a	Sacramento Directory Co.
	Apartments	Sacramento Directory Co.
	Agiunid Alex	Sacramento Directory Co.
	Monroe Chas	Sacramento Directory Co.
	No Return	Sacramento Directory Co.
	Contd	Sacramento Directory Co.
1956	Nolans Court w a	Sacramento Directory Co.
	Nolan Elsworth M	Sacramento Directory Co.
	A WAS	Sacramento Directory Co.
1952	Aguiar A C	Sacramento Directory Co.
	Brand W B	Sacramento Directory Co.
	Green Marjorie Mrs	Sacramento Directory Co.
	Higginson C N	Sacramento Directory Co.
	McCullough W H	Sacramento Directory Co.
	Nolan E M	Sacramento Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1952	Rollins F L	Sacramento Directory Co.
	Worshaw D H	Sacramento Directory Co.
1947	Booth W M	Sacramento Directory Co.
	Freer P R	Sacramento Directory Co.
	Sherman F V	Sacramento Directory Co.

### 3201 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	TURNING POINT EVANGELISTIC CTR	EDR Digital Archive
	CONNIE DIAS	EDR Digital Archive
2010	NORTHERN SACRAMENTO MINISTER	Cole Information
	LEWIS HOPPER	Cole Information
2005	FULL GOSPEL MISSIONARY CHURCH	Cole Information
2000	FULL GOSPEL MISSIONARY CHURCH	Cole Information
1999	CONIGILO Philip	Haines & Company
	FULL GOSPEL MISSIONARY CHURCH	Haines & Company
1980	Coniglo Zenna L Mrs	R. L. Polk & Co.
	Joes Place tavern	R. L. Polk & Co.
1975	Coniglio Joseph	R. L. Polk & Co.
1970	Coniglio Joseph	Sacramento Directory Co.
1965	Apartments Ertl Nicholas	Sacramento Directory Co. Publishers
	Luther Chas J	Sacramento Directory Co. Publishers
	Roberts Billy C	Sacramento Directory Co. Publishers
	Vacant	Sacramento Directory Co. Publishers
	Gress VA	Sacramento Directory Co. Publishers
	Coniglio Joseph	Sacramento Directory Co. Publishers
	Marcum Jacqueline M Mrs	Sacramento Directory Co. Publishers
1961	A a ents	Sacramento Directory Co.
	Christie Geo	Sacramento Directory Co.
1957	Apartments	Sacramento Directory Co.
	Dillon Della P Mrs	Sacramento Directory Co.
	Christie Geo	Sacramento Directory Co.
	Vacant	Sacramento Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	Vacant	Sacramento Directory Co.
	Vacant	Sacramento Directory Co.
	Vaughn Wmi H	Sacramento Directory Co.
1952	Christie G S	Sacramento Directory Co.
	rear Brown G E	Sacramento Directory Co.
1947	O 14 Christie G S Y	Sacramento Directory Co.
	rear Christie A G Y	Sacramento Directory Co.
1942	I Christie G S	Sacramento Directory Co.

### 3203 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ZENNA CONIGLIO	EDR Digital Archive
	PATRICIA CONIGLIO	EDR Digital Archive
	PHILIP CONIGLIO	EDR Digital Archive
2017	YODER BEVERLY	Cole Information
2014	BARBARA BECKER	Cole Information
	MARY BOUIE	Cole Information
	DANY BORROWMAN	Cole Information
	JACK VINSANT	Cole Information
	MICHAEL HAMP	Cole Information
	MCALPINE BRYAN	Cole Information
	PHILIP CONIGLIO	Cole Information
2010	MARY BOUIE	Cole Information
	LETICIA MARTINEZ	Cole Information
	JANE HOBBS	Cole Information
	PHILIP CONIGLIO	Cole Information
2005	V BENAVIDEZ	Cole Information
	WILLIAM ROBINSON	Cole Information
	PHILIP CONIGLIO	Cole Information
	GRACIELA HUANACO	Cole Information
2000	DAVID MICHEL	Cole Information
1999	APPLE Kathleen	Haines & Company
1995	CAMACHO, LOUIS	Cole Information

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	WINTERS, LLOYD	Cole Information
1980	Apartments	R. L. Polk & Co.
	Vacant	R. L. Polk & Co.
	Paoli Dorothy	R. L. Polk & Co.
	Vacant	R. L. Polk & Co.
	Robeits Billy C	R. L. Polk & Co.
	Conigho Phillip	R. L. Polk & Co.
	Cress Vincent	R. L. Polk & Co.
	H 11Rothgery David	R. L. Polk & Co.
1975	Joes Place	R. L. Polk & Co.
	Gress Vincent A	R. L. Polk & Co.
	Wilson Jessie	R. L. Polk & Co.
	Paoli Dorothy	R. L. Polk & Co.
	Eatab Arth	R. L. Polk & Co.
	Robert Billy C	R. L. Polk & Co.
	Vacant	R. L. Polk & Co.
1970	Joes Place	Sacramento Directory Co.
	Wilson Jessie	Sacramento Directory Co.
	Roberts Billy C	Sacramento Directory Co.
	Me Clure Lawrence	Sacramento Directory Co.
	Epperle Adam	Sacramento Directory Co.
	Lynn Albert W	Sacramento Directory Co.

### 3211 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Gibeau Jerald M	R. L. Polk & Co.
1970	Tennerson Louis	Sacramento Directory Co.
1965	Tennerson Louis W	Sacramento Directory Co. Publishers
1961	Tennerson Louis 4 W	Sacramento Directory Co.
1957	Johnson Louis T w a	Sacramento Directory Co.
1952	Tanner C L	Sacramento Directory Co.
1947	Ila Tanner C L Y	Sacramento Directory Co.

## FINDINGS

### 3213 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	XXXX	Haines & Company
1980	Sullivan Clifford	R. L. Polk & Co.
1975	Vacant	R. L. Polk & Co.
1970	Maphet Henry J	Sacramento Directory Co.
1965	Moe Jerry L	Sacramento Directory Co. Publishers
1961	Urrutia Henry V 0 4 W	Sacramento Directory Co.
1957	Urrutia Henry V w a	Sacramento Directory Co.
1952	Urrutia H V	Sacramento Directory Co.
1947	Urrutia H V Y	Sacramento Directory Co.

### 3215 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	JASON SMITH	EDR Digital Archive
1999	XXXX	Haines & Company
1980	Vacant	R. L. Polk & Co.
1975	Bottles Charlotte	R. L. Polk & Co.
	Richardson Peter R	R. L. Polk & Co.
1970	No Return	Sacramento Directory Co.
	/ Vacant	Sacramento Directory Co.
1965	Vacant	Sacramento Directory Co. Publishers
1961	Vacant	Sacramento Directory Co.
	Rovinsky Beverly Mrs	Sacramento Directory Co.
	Hendricks How ard	Sacramento Directory Co.
1952	Shaw C H	Sacramento Directory Co.
	1/2 Prosser D F	Sacramento Directory Co.
1947	Hare Lloyd	Sacramento Directory Co.

### 3217 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	FABIOLA AGUIRRE	EDR Digital Archive
2017	FABIOLA AGUIRRE	Cole Information
	SARA HAYWOOD	Cole Information
2014	FABIOLA AGUIRRE	Cole Information

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CYNTHIA JUAREZ	Cole Information
2010	LORENA VENTURA	Cole Information
	IVAN GONZALEZ	Cole Information
	NORMA BECERRA	Cole Information
	FABIOLA AGUIRRE	Cole Information
2005	SOTOGenamro	Haines Company, Inc.
	URIBE Amelia	Haines Company, Inc.
	AMELIA URIBE	Cole Information
2000	C MCDANIEL	Cole Information
	B SOLORIO	Cole Information
1999	MCDANIEL C	Haines & Company
	MILLER Brian	Haines & Company
1980	Apartments	R. L. Polk & Co.
	A Vacant	R. L. Polk & Co.
	C Vacant	R. L. Polk & Co.
	Vacant	R. L. Polk & Co.
	Vacant	R. L. Polk & Co.
	Jarvis Beulah Mrs	R. L. Polk & Co.
1975	Jarvis Beulah	R. L. Polk & Co.
	A Kral Robin A	R. L. Polk & Co.
	B Johnson Steven	R. L. Polk & Co.
	C Miles Frank	R. L. Polk & Co.
	Gibb Frederick M	R. L. Polk & Co.
	Zigler Paul	R. L. Polk & Co.
	r Mc Carly Mike	R. L. Polk & Co.
1970	Jarvis Beulah V Mrs	Sacramento Directory Co.
	Hutt Pollie Mrs	Sacramento Directory Co.
	Vacant	Sacramento Directory Co.
	Dubreuir Mike	Sacramento Directory Co.
	A Vacant B Lottes John R	Sacramento Directory Co.
	C Vacant	Sacramento Directory Co.
1965	Jarvis Beulah V Mrs	Sacramento Directory Co. Publishers

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1961	Apartments	Sacramento Directory Co.
	Jarvis Peter J	Sacramento Directory Co.
	A Dean Bessie Mrs	Sacramento Directory Co.
	B Carlisle Clyde	Sacramento Directory Co.
	C Scott Mary L	Sacramento Directory Co.
	Vacant	Sacramento Directory Co.
	Keller Donald	Sacramento Directory Co.
	Hufsteller Ronald	Sacramento Directory Co.
1957	Jarvis Peter J w a	Sacramento Directory Co.
1952	Vacant	Sacramento Directory Co.
	b Patterson Fred	Sacramento Directory Co.
1947	Beale Roy	Sacramento Directory Co.
	AJarvis Peter Y	Sacramento Directory Co.
	Schroeder K A	Sacramento Directory Co.

### 3223 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	ROBINSONWilam	Haines Company, Inc.

### 3225 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	AJAY MAHARAJ	EDR Digital Archive
2017	AJAY MAHARAJ	Cole Information
2014	AJAY MAHARAJ	Cole Information
2010	AJAY MAHARAJ	Cole Information
1999	XXXX	Haines & Company
	MILLER Brian	Haines & Company
1975	Riley Lucille	R. L. Polk & Co.
1970	Morgan Jean V Mrs	Sacramento Directory Co.
1965	Vacant	Sacramento Directory Co. Publishers
	Miles Don W	Sacramento Directory Co. Publishers
	Frund Dean	Sacramento Directory Co. Publishers
1961	Apartments	Sacramento Directory Co.
	Vacant	Sacramento Directory Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1961	Payte Benson	Sacramento Directory Co.
	Recknagle Elsie Mrs w a	Sacramento Directory Co.
	Brew er Wm L	Sacramento Directory Co.
1957	Apartments	Sacramento Directory Co.
	Jensen Walter J w a	Sacramento Directory Co.
	Eaton Wm	Sacramento Directory Co.
	Mock John R	Sacramento Directory Co.
	Burns Virgil	Sacramento Directory Co.
1952	Shates Phillip	Sacramento Directory Co.
	Sipes R R	Sacramento Directory Co.
	Smith R W	Sacramento Directory Co.
	Stugard Alex	Sacramento Directory Co.

### 3286 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	FUL	Haines Company, Inc.

### 3300 RIO LINDA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	NEIGHBORHOOD THRIFT	Cole Information
2005	BUSTERS	Cole Information
2000	SMITTYS DRIVE IN	Cole Information
1999	BHAJEE Mohamed	Haines & Company
	SMITTYS DRIVE IN	Haines & Company
	SMITTYS DRIVE IN	Haines & Company
1995	Smittys Drive In	Pacific Bell
	SMITTYS DRIVE IN	Cole Information
1992	SMITTYS DRIVE IN	Cole Information
1991	Smittys Drive In	Pacific Bell
1980	Smittys Drive Inn restr	R. L. Polk & Co.
1975	Vacant	R. L. Polk & Co.

## FINDINGS

### **RIVERA DR**

#### **904 RIVERA DR**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2020	CARMEN DEGUTIERREZ	EDR Digital Archive
	ALVARO JIMENEZ	EDR Digital Archive
	SANDRA DEJIMENEZ	EDR Digital Archive
	ALVARO VAZQUEZ	EDR Digital Archive
2017	ALVARO VAZQUEZ	Cole Information
2014	SANDRA DEJIMENEZ	Cole Information
2010	ANSELMO JIMENEZ	Cole Information

#### **907 RIVERA DR**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2017	RIVERA MART	Cole Information
2014	RIVERA MART	Cole Information

#### **908 RIVERA DR**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2020	DEEDRA SHERWOOD	EDR Digital Archive
2017	WILLIAM REED	Cole Information
2014	DEEDRA SHERWOOD	Cole Information
2010	DEEDRA SHERWOOD	Cole Information

#### **911 RIVERA DR**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1970	Vacant	Sacramento Directory Co.

#### **914 RIVERA DR**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2020	MARIA PARTIDA	EDR Digital Archive
2017	MARIA PARTIDA	Cole Information
2014	ALLAN LEDERER	Cole Information
2010	AMBER DUNGAN	Cole Information
2005	OLEE Chares	Haines Company, Inc.
	OCCUPANT UNKNOWN	Cole Information

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CHARLES LEE	Cole Information
1999	LEE Charles	Haines & Company
1995	LEE Charles	Pacific Bell
	LEE, CHARLES	Cole Information
1992	LEE, CHARLES	Cole Information
1991	Bailey L D	Pacific Bell
1980	Bailey L D	R. L. Polk & Co.
1975	Fortson Leab	R. L. Polk & Co.
1970	Me Cabe Byron H	Sacramento Directory Co.
1965	Mc Cabe Byron H	Sacramento Directory Co. Publishers
1961	Beeler Ralph L w a	Sacramento Directory Co.
1957	Geyer Edw E w a	Sacramento Directory Co.

### 916 RIVERA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ROGER DEPALESTRINA	EDR Digital Archive
2017	ROGER DEPALESTRINA	Cole Information
2014	ROGER DEPALESTRINA	Cole Information
2010	ROGER DEPALESTRINA	Cole Information
2005	SERBANDO GARCIA	Cole Information
1999	HUTTON Desmond	Haines & Company
1995	OCCUPANT UNKNOWNN	Cole Information
1980	Brown Anne	R. L. Polk & Co.
1975	Walker Bobby J Mrs	R. L. Polk & Co.
1970	Bonton Murdis Mrs	Sacramento Directory Co.
1965	Cox Philip J	Sacramento Directory Co. Publishers
1961	Mc Cabe Bryon w a	Sacramento Directory Co.
1957	Goode Leon J	Sacramento Directory Co.
1952	Geyer E E	Sacramento Directory Co.

### 919 RIVERA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1952	Moynier P L	Sacramento Directory Co.

## FINDINGS

### 921 RIVERA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	XXXX	Haines Company, Inc.
1999	KELLY Stephen	Haines & Company
	RIVERA CYPRESS PROPERTIES	Haines & Company
1995	HAUSCHILDT Art & Nance	Pacific Bell
1991	Hauschildt Art Cement Contractor	Pacific Bell
	Hauschildt Art & Nance	Pacific Bell
1980	Hauschildt Arthur cement contr	R. L. Polk & Co.
1975	Martin Claire Mrs	R. L. Polk & Co.
1970	Martin Claire Mrs	Sacramento Directory Co.
1965	Martin Claire Mrs	Sacramento Directory Co. Publishers
1961	Martin Claude P w a	Sacramento Directory Co.
1957	Martin Claude P w a	Sacramento Directory Co.

### SONOMA AVE

#### 840 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	SPANKOB Ile	Haines Company, Inc.

#### 900 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	PAMELA STEPHENS	Cole Information
2014	CASSANDRA DUMAS	Cole Information
2010	STEVEN GRAYSON	Cole Information
	CLARISE BARNES	Cole Information
2005	X 0 XXX	Haines Company, Inc.
	DENA BERRY	Cole Information
	CHARLES BERRY	Cole Information
2000	LENORA DIXON	Cole Information
1999	DIXON Lenora	Haines & Company
	MEJIA Socorro	Haines & Company
1995	HAMILTON, JAMES H	Cole Information
1980	Chestnut Donnie Mrs	R. L. Polk & Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Chesnut Donnie Mrs	R. L. Polk & Co.
1970	Chesnut Donnie Mrs	Sacramento Directory Co.
1965	Vacant	Sacramento Directory Co. Publishers
1961	Chestnut Donnie Mrs w a	Sacramento Directory Co.
	Porter Russell Co restr equip w a	Sacramento Directory Co.
	Porter RZussell F 0 AWA 5 9 G	Sacramento Directory Co.
1956	Sutnmitt Marshall	Sacramento Directory Co.
1952	Bennett A T	Sacramento Directory Co.
	Crump Arth	Sacramento Directory Co.
	Fimple W J	Sacramento Directory Co.
	Guthrie A J	Sacramento Directory Co.
	Hayes Lois Mrs	Sacramento Directory Co.
	Hayes W L	Sacramento Directory Co.
	Hesser C C	Sacramento Directory Co.

### 902 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	TRAMIA BRYANT	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	PHYLLIS MARTIN	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1999	XXXX	Haines & Company
1980	Williams Amilha	R. L. Polk & Co.
1975	Medlock John H	R. L. Polk & Co.
1970	Webb Frankie G	Sacramento Directory Co.
1965	Harris Billie	Sacramento Directory Co. Publishers
1961	Pearria Maria Mrs	Sacramento Directory Co.
1956	Vacant	Sacramento Directory Co.
1952	Anderson R A	Sacramento Directory Co.

### 904 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	PAMELA STEPHENS	EDR Digital Archive
2017	PAMELA STEPHENS	Cole Information

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	OCCUPANT UNKNOWN	Cole Information
2005	MURRAY COHN	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1995	CARTER, VINA	Cole Information
1980	Littleton Dal	R. L. Polk & Co.
1975	Thomson Mabel Y Mrs	R. L. Polk & Co.
1970	Oliver Betty Mrs	Sacramento Directory Co.
1965	Brooks Merle	Sacramento Directory Co. Publishers
1961	Rogers How ard	Sacramento Directory Co.
1956	Mahorney Kenneth R w a	Sacramento Directory Co.

### 906 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	OCCUPANT UNKNOWN	Cole Information
2010	ADRIENNE BIA GI	Cole Information
2005	ADRIENNE BIA GI	Cole Information
2000	C DELAROSA	Cole Information
1999	DELAROSA Caroline	Haines & Company
1980	Medlock Haston J	R. L. Polk & Co.
1975	Smith Billie	R. L. Polk & Co.
1970	Dunn Joe	Sacramento Directory Co.
1965	Ferris David A	Sacramento Directory Co. Publishers
1961	Pruett Avis Mrs w a	Sacramento Directory Co.
1956	Jensen Elmer	Sacramento Directory Co.

### 908 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	PARKER BASHAM	EDR Digital Archive
2014	M RODELO	Cole Information
2005	XXXX	Haines Company, Inc.
	SHAUNICE BENTLEY	Cole Information
1980	Edmonson Clarence	R. L. Polk & Co.
1975	Edmonson Clarence	R. L. Polk & Co.
1970	Morrison Theo	Sacramento Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Jennings Pat Mrs	Sacramento Directory Co. Publishers
1961	Alfaro Richd	Sacramento Directory Co.
1956	Bellah Harry J	Sacramento Directory Co.

### 909 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	BIAGIAdrienne	Haines Company, Inc.

### 910 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	JENNIFER STEVERSON	EDR Digital Archive
	ASHLEY STEVERSON	EDR Digital Archive
2017	MERCY BRACAMONTE	Cole Information
2014	JENNIFER STEVERSON	Cole Information
2010	JENNIFER STEVERSON	Cole Information
2005	KATHLEEN BROWN	Cole Information
1999	XXXX	Haines & Company
1980	Dodds James	R. L. Polk & Co.
1975	Byers Jim	R. L. Polk & Co.
1970	Murphy Marion V Mrs	Sacramento Directory Co.
1965	Vacant	Sacramento Directory Co. Publishers
1961	Vandenberg Don F	Sacramento Directory Co.
1956	Felts Oscar L	Sacramento Directory Co.

### 912 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	OCCUPANT UNKNOWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	ASHE William A	Haines Company, Inc.
1999	XXXX	Haines & Company
1995	OCCUPANT UNKNOWNN	Cole Information
1980	Schierling Lyle	R. L. Polk & Co.
1975	Baker Charles	R. L. Polk & Co.
1970	Vacant	Sacramento Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Bow man John F	Sacramento Directory Co. Publishers
1961	Vacant	Sacramento Directory Co.
1956	Mareno John	Sacramento Directory Co.

### 914 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	OCCUPANT UNKNOWN	Cole Information
2010	LINDA BARNES	Cole Information
2005	HELEN WOOD	Cole Information
1999	XXXX	Haines & Company
1995	OCCUPANT UNKNOWNN	Cole Information
1980	Vacant	R. L. Polk & Co.
1975	Vacant	R. L. Polk & Co.
1970	Mecum Jack	Sacramento Directory Co.
1965	Ferris Wm S	Sacramento Directory Co. Publishers
1961	Coebel Joseph	Sacramento Directory Co.
1956	De Costa Rollan F	Sacramento Directory Co.
1952	Baldry H M	Sacramento Directory Co.

### 916 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	RAEKEITHA SMITH	Cole Information
2014	CHERI CORET	Cole Information
	CECILIA HERNANDEZ	Cole Information
	MARIA MONTOYA	Cole Information
	JOSE SALGADO	Cole Information
	KENNETH STIMSON	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
	GLADYS MONTGOMERY	Cole Information
1995	CAMPOS, ANGELIC	Cole Information
1991	Dew itt Ralph R	Pacific Bell
1980	De Witt Adeline V Mrs	R. L. Polk & Co.
	Rear Rickman Albert J	R. L. Polk & Co.
1975	De Witt Ralph R	R. L. Polk & Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Rear Rickman Albert	R. L. Polk & Co.
1970	De Witt Ralph R	Sacramento Directory Co.
	Rear Jaycox Kath Mrs	Sacramento Directory Co.
1965	De Witt Ralph R W	Sacramento Directory Co. Publishers
	Jaycox Bob H	Sacramento Directory Co. Publishers
1961	De Witt Ralph it 0 w a	Sacramento Directory Co.
	Kalafatish Geo	Sacramento Directory Co.
1956	De Witt Ralph R LW	Sacramento Directory Co.
	Dow ney Thos L OW	Sacramento Directory Co.
1952	Craig J C	Sacramento Directory Co.
	rear Butler A L	Sacramento Directory Co.
1947	Q Craig J C Y	Sacramento Directory Co.
	rear Barrett Marvin	Sacramento Directory Co.
1942	Vacant	Sacramento Directory Co.

### 917 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1952	Smith D M	Sacramento Directory Co.

### 924 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	REX CARRINO	Cole Information
2010	REX CARRINO	Cole Information
2005	SCARRINO Rex	Haines Company, Inc.
	REX CARRINO	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1999	LARIMER Betty	Haines & Company
1995	LARIMER, BETTY J	Cole Information
1980	Hamlin Margie	R. L. Polk & Co.
1975	Hamlin Margie	R. L. Polk & Co.
1970	Andre Myrtle M Mrs	Sacramento Directory Co.
1965	Andre Myrtle M Mrs	Sacramento Directory Co. Publishers
1961	Andre Myrtle M Mrs	Sacramento Directory Co.
1956	Andre Myrtle M Mrs	Sacramento Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1952	Andre M M Mrs	Sacramento Directory Co.
1947	Andre A J	Sacramento Directory Co.
	Andre A J	Sacramento Directory Co.
1942	Hine L K	Sacramento Directory Co.

### 925 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Sanchez Joe	Sacramento Directory Co. Publishers
1956	Turners Court	Sacramento Directory Co.
	Hiler Alvin W	Sacramento Directory Co.
1952	Vaughn J W	Sacramento Directory Co.
1947	Wallace G Z	Sacramento Directory Co.

### 927 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Lackew it Michi	Sacramento Directory Co. Publishers
1956	Johnson Jimmy	Sacramento Directory Co.
1952	Martinez Andrew	Sacramento Directory Co.
1947	Gaines Kingsley	Sacramento Directory Co.

### 929 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Marcott David	Sacramento Directory Co. Publishers
1956	Edw ard Roy	Sacramento Directory Co.
1947	Dixon J H	Sacramento Directory Co.

### 931 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Silva Vern	Sacramento Directory Co. Publishers
1956	Czarnow ski Jos	Sacramento Directory Co.
1952	Cooper Margt	Sacramento Directory Co.
1942	Hoart Louis	Sacramento Directory Co.

### 933 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	KEOUDONE SINGTHAVILAY	EDR Digital Archive

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SEJA XIONG	EDR Digital Archive
	PHETSOMPONE SINGTHAVILAY	EDR Digital Archive
	BEE XIONG	EDR Digital Archive
2014	OCCUPANT UNKNOWN	Cole Information
2010	KEOUDONE SINGTHAVILAY	Cole Information
2005	SINGTHAEILAY	Haines Company, Inc.
	Phelsonphone	Haines Company, Inc.
1965	Lackett Dorothy	Sacramento Directory Co. Publishers
1956	Miller Richd	Sacramento Directory Co.
1952	Henry H C Mrs	Sacramento Directory Co.
1947	Bement Eva Mrs	Sacramento Directory Co.
1942	Hamblen T W	Sacramento Directory Co.

### 935 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Garrison Ralph	Sacramento Directory Co.
1952	Bartels H N	Sacramento Directory Co.
1947	Adcock D R	Sacramento Directory Co.
1942	Parchman C K	Sacramento Directory Co.

### 937 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Silva E J	Sacramento Directory Co.

### 939 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	MARIA HERRERA	EDR Digital Archive
	RODRIGUEZ HERNANDEZ	EDR Digital Archive
	JUAN RODRIGUEZ	EDR Digital Archive
	TIA TAAMILO	EDR Digital Archive
2014	ABBY VANG	Cole Information
2010	EFRAIN HERRERA	Cole Information
2005	HERRERA Eera In	Haines Company, Inc.
	EFRAIN HERRERA	Cole Information

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	OCCUPANT UNKNOWN	Cole Information
1999	HERRERA Efrain	Haines & Company
1956	Kennedy Bill	Sacramento Directory Co.
1952	Thompson Jas	Sacramento Directory Co.
1942	Bird V B	Sacramento Directory Co.

### 940 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	CRYSTAL ICE	Cole Information
2014	CRYSTAL ICE	Cole Information
2005	L GRUBER	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1999	PANKO Billie	Haines & Company
1995	GRUBER, LYNNE	Cole Information
1980	Young Lyle L	R. L. Polk & Co.
1975	Young Lyle L	R. L. Polk & Co.
1970	Young Lyle L	Sacramento Directory Co.
1965	Young Lyle L	Sacramento Directory Co. Publishers
1961	Young Lyle U	Sacramento Directory Co.
1956	Patrick Everett E w a	Sacramento Directory Co.
1952	Gerhardt S W	Sacramento Directory Co.
1942	Linn C E	Sacramento Directory Co.

### 941 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Jones Emma J Mrs w a	Sacramento Directory Co.
1952	Jones E J Mrs	Sacramento Directory Co.
1942	Glenn Chas	Sacramento Directory Co.

### 943 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Southw orth R Lee	Sacramento Directory Co.
1952	Janw ay L H	Sacramento Directory Co.
1947	Young Lester	Sacramento Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Ryan E F	Sacramento Directory Co.

### 945 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	WILLIAM SCHRADER	EDR Digital Archive
2017	MERCY SAVAT	Cole Information
2010	SERGIO LEON	Cole Information
2005	LEONSerglo	Haines Company, Inc.
	SERGIO LEON	Cole Information
2000	SERGIO LEON	Cole Information
1999	LEON Sergio	Haines & Company
1956	Bassinger R E	Sacramento Directory Co.
1952	Hebert Albert	Sacramento Directory Co.
1947	Jeffery Arlen	Sacramento Directory Co.
1942	Jensen A G	Sacramento Directory Co.

### 946 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	JUDY NICHOLS	EDR Digital Archive
2017	JUDY NICHOLS	Cole Information
2014	JUDY NICHOLS	Cole Information
2005	ORICHARDSON Bassa	Haines Company, Inc.
2000	KEN STROUGH	Cole Information
1999	STROUGH Ken	Haines & Company
1995	STROUGH Ken	Pacific Bell
	STROUGH, KEN	Cole Information
1992	STROUGH, KEN	Cole Information
1991	Strough Ken	Pacific Bell
1980	Strough Ken C	R. L. Polk & Co.
1975	Stark Elmo	R. L. Polk & Co.
1970	Stark Elmo	Sacramento Directory Co.
1965	Rose Lewis A W	Sacramento Directory Co. Publishers
1961	Rose Lewis A	Sacramento Directory Co.
1956	Rose Lewis A w a	Sacramento Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Rose Opal MANWA	Sacramento Directory Co.
1952	Rose Lewis	Sacramento Directory Co.
1947	Rose Lewis Y	Sacramento Directory Co.
1942	Rose Lewis	Sacramento Directory Co.

### 949 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	VANG SENG	EDR Digital Archive
	SENG LEE	EDR Digital Archive
	NAO SENG	EDR Digital Archive
2017	NAO SENG	Cole Information
2014	HUA VANG	Cole Information
2010	ANTOINETTE WHITE	Cole Information
2005	SINGTHAVILAY Nhom	Haines Company, Inc.
1956	Bement Eva Mrs	Sacramento Directory Co.
1952	Bement Eva Mrs	Sacramento Directory Co.
1947	Stevenson G	Sacramento Directory Co.
1942	Wyrth R P	Sacramento Directory Co.

### 950 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ELIZABETH DAVIES	EDR Digital Archive
2017	ELIZABETH DAVIES	Cole Information
2014	ELIZABETH DAVIES	Cole Information
2010	ELIZABETH DAVIES	Cole Information
2005	DAVIES Elizabeth	Haines Company, Inc.
	ELIZABETH DAVIES	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1999	DAVIES Elizabeth	Haines & Company
	MEJIA Socorro	Haines & Company
1995	OCCUPANT UNKNOWN	Cole Information
1980	Nen Thos A	R. L. Polk & Co.
1975	Rose Opal M	R. L. Polk & Co.
1970	Rose Opal M	Sacramento Directory Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1961	J 3nittin Edith Mrs	Sacramento Directory Co.
1956	Moorhouse Ei A	Sacramento Directory Co.
1952	Freisz Matt	Sacramento Directory Co.
1947	s Orisek Irene	Sacramento Directory Co.
1942	Orisek Irene A	Sacramento Directory Co.

### 951 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	NATALIE MADRIZ	EDR Digital Archive
2014	OCCUPANT UNKNOWN	Cole Information
2005	MGUTIERREZ Refugl JARAMILLO Ashley A	Haines Company, Inc.
	ASHLEY JARAMILLO	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1999	GUTIERREZ Refugio	Haines & Company
1995	OCCUPANT UNKNOWN	Cole Information
1980	Walton Daw na J	R. L. Polk & Co.
	Rear Rickman Albert J	R. L. Polk & Co.
1975	Myles John D	R. L. Polk & Co.
1970	Morris John M	Sacramento Directory Co.
1965	Evers Adolph J W	Sacramento Directory Co. Publishers
1961	Evers Adolph J w a	Sacramento Directory Co.
1956	Evers Adolph J w a	Sacramento Directory Co.
1952	Evers A J	Sacramento Directory Co.
1947	AEvers A J Y	Sacramento Directory Co.
1942	Bojcich Martin	Sacramento Directory Co.

### 961 SONOMA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	JASON SMITH	Cole Information
2005	JEW Eddie POSEY Keren	Haines Company, Inc.
	KAREN POSEY	Cole Information
1999	JEW Eddie	Haines & Company
1995	OCCUPANT UNKNOWN	Cole Information
1980	Goebel Rosanne	R. L. Polk & Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Berkla John	R. L. Polk & Co.
1970	Berkla Joseph	Sacramento Directory Co.
1965	Berkla Jos OW	Sacramento Directory Co. Publishers
1961	Berkla Jos A Jr 0 wa	Sacramento Directory Co.
1956	Berkla Jos A jr w a	Sacramento Directory Co.
1952	Berkla Jos jr	Sacramento Directory Co.
1947	I ABerkla o Js Jr Y	Sacramento Directory Co.
1942	BI AOBerkla Jos jr	Sacramento Directory Co.



## FINDINGS

### ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
3104 RIO LINDA BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3104 RIO LINDA BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3104 RIO LINDA BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3104 RIO LINDA BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3104 RIO LINDA BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1942, 1937, 1933, 1928, 1923, 1920
3104 RIO LINDA BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1937, 1933, 1928, 1923, 1920
3108 RIO LINDA BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1937, 1933, 1928, 1923, 1920
3108 RIO LINDA BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1942, 1937, 1933, 1928, 1923, 1920
3108 RIO LINDA BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3108 RIO LINDA BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3108 RIO LINDA BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3108 RIO LINDA BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3108 RIO LINDA BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3108 RIO LINDA BLVD	2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920























































## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
817 EVANS ST	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
817 EVANS ST	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
817 EVANS ST	2020, 2017, 2014, 2010, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
817 EVANS ST	2020, 2017, 2014, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
817 EVANS ST	2020, 2017, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
817 EVANS ST	2020, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
817 EVANS ST	2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
817 EVANS ST	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
840 SONOMAAVE	2020, 2017, 2014, 2010, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
844 ARCADE BLVD	2020, 2017, 2014, 2010, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
859 ARCADE BLVD	2020, 2017, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
900 SONOMAAVE	2020, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
900 SONOMAAVE	2020, 2017, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
900 SONOMAAVE	2020, 2017, 2014, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
900 SONOMAAVE	2020, 2017, 2014, 2010, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
900 SONOMAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920

























































































## FINDINGS

### Address Researched

999 ARCADE BLVD

999 ARCADE BLVD

999 ARCADE BLVD

### Address Not Identified in Research Source

2020, 2017, 2014, 2010, 2005, 2002, 2000, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920

2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920

2020, 2017, 2014, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920

**TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE**

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

**Address Researched**

3200 Rio Linda Boulevard

**Address Not Identified in Research Source**

2020, 2002, 1991, 1982, 1966, 1956, 1947, 1937, 1933, 1928, 1923, 1920



Corporate Headquarters  
1322 E. Shaw Avenue, Suite 400 Fresno, CA, 93710  
www.soarhere.com • 559.547.8884

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## Appendix E: User Questionnaire



Corporate Headquarters  
1322 E. Shaw Avenue, Suite 400 Fresno, CA, 93710  
www.soarhere.com • 559.547.8884

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## Appendix F: SDS Sheet



# SAFETY DATA SHEET

Creation Date 28-Apr-2009

Revision Date 12-Mar-2014

Revision Number 1

## 1. Identification

**Product Name** Acetone

**Cat No. :** AC167640000; AC167640025; AC167645000

**Synonyms** 2-Propanone

**Recommended Use** Laboratory chemicals.

**Uses advised against** No Information available

**Details of the supplier of the safety data sheet**

Company	Entity / Business Name	Emergency Telephone Number
Fisher Scientific One Reagent Lane Fair Lawn, NJ 07410 Tel: (201) 796-7100	Acros Organics One Reagent Lane Fair Lawn, NJ 07410	For information <b>US</b> call: 001-800-ACROS-01 / <b>Europe</b> call: +32 14 57 52 11 Emergency Number <b>US</b> :001-201-796-7100 / <b>Europe</b> : +32 14 57 52 99 <b>CHEMTREC</b> Tel. No. <b>US</b> :001-800-424-9300 / <b>Europe</b> :001-703-527-3887

## 2. Hazard(s) identification

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids	Category 2
Serious Eye Damage/Eye Irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Target Organs - Central nervous system (CNS).	
Specific target organ toxicity - (repeated exposure)	Category 2
Target Organs - Kidney, Liver, spleen, Blood.	

### Label Elements

#### Signal Word

Danger

#### Hazard Statements

Highly flammable liquid and vapor  
Causes serious eye irritation  
May cause drowsiness or dizziness  
May cause damage to organs through prolonged or repeated exposure



### Precautionary Statements

#### Prevention

Wash face, hands and any exposed skin thoroughly after handling  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use explosion-proof electrical/ventilating/lighting/equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Keep cool

#### Response

Get medical attention/advice if you feel unwell

#### Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician if you feel unwell

#### Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

#### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention

#### Fire

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

#### Storage

Store in a well-ventilated place. Keep container tightly closed  
 Store locked up

#### Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

Repeated exposure may cause skin dryness or cracking

### 3. Composition / information on ingredients

Component	CAS-No	Weight %
Acetone	67-64-1	>95

### 4. First-aid measures

#### Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
 Obtain medical attention.

#### Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. Obtain medical attention.

#### Inhalation

Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.

#### Ingestion

Do not induce vomiting. Obtain medical attention.

**Most important symptoms/effects** Breathing difficulties. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting: May cause pulmonary edema: Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting

**Notes to Physician** Treat symptomatically

**5. Fire-fighting measures**

**Suitable Extinguishing Media** CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam. Water spray. Cool closed containers exposed to fire with water spray.

**Unsuitable Extinguishing Media** Water may be ineffective

**Flash Point** -20 °C / -4 °F

**Method -** Closed cup

**Autoignition Temperature** 465 °C / 869 °F

**Explosion Limits**

**Upper** 12.8 vol %

**Lower** 2.5 vol %

**Oxidizing Properties** Not oxidising

**Sensitivity to Mechanical Impact** No information available

**Sensitivity to Static Discharge** No information available

**Specific Hazards Arising from the Chemical**  
 Flammable. Risk of ignition. Containers may explode when heated. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back.

**Hazardous Combustion Products**  
 Carbon monoxide (CO) Carbon dioxide (CO<sub>2</sub>) Formaldehyde Methanol

**Protective Equipment and Precautions for Firefighters**  
 As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

**NFPA**

<b>Health</b>	<b>Flammability</b>	<b>Instability</b>	<b>Physical hazards</b>
1	3	0	N/A

**6. Accidental release measures**

**Personal Precautions** Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes and inhalation of vapors.

**Environmental Precautions** Should not be released into the environment.

**Methods for Containment and Clean Up** Remove all sources of ignition. Take precautionary measures against static discharges. Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Use spark-proof tools and explosion-proof equipment.

**7. Handling and storage**

**Handling** Wear personal protective equipment. Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only non-sparking tools. Use explosion-proof equipment. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded.

**Storage** Flammables area. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Keep container tightly closed in a dry and well-ventilated place.



## 8. Exposure controls / personal protection

### Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acetone	TWA: 500 ppm STEL: 750 ppm	(Vacated) TWA: 750 ppm (Vacated) TWA: 1800 mg/m <sup>3</sup> (Vacated) STEL: 2400 mg/m <sup>3</sup> (Vacated) STEL: 1000 ppm TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup>	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m <sup>3</sup>

Component	Quebec	Mexico OEL (TWA)	Ontario TWAEV
Acetone	TWA: 500 ppm TWA: 1190 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 2380 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup> STEL: 1260 ppm STEL: 3000 mg/m <sup>3</sup>	TWA: 500 ppm STEL: 750 ppm

#### Legend

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NIOSH IDLH: The National Institute for Occupational Safety and Health Immediately Dangerous to Life or Health

### Engineering Measures

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location. Use explosion-proof electrical/ventilating/lighting/equipment.

### Personal Protective Equipment

#### Eye/face Protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

#### Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure.

#### Respiratory Protection

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

Physical State	Liquid
Appearance	Colorless
Odor	sweet
Odor Threshold	19.8 ppm
pH	7
Melting Point/Range	-95 °C / -139 °F
Boiling Point/Range	56 °C / 132.8 °F
Flash Point	-20 °C / -4 °F
Method -	Closed cup
Evaporation Rate	5.6 (Butyl Acetate = 1.0)
Flammability (solid,gas)	Not applicable
Flammability or explosive limits	
Upper	12.8 vol %
Lower	2.5 vol %
Vapor Pressure	247 mbar @ 20 °C
Vapor Density	2.0
Relative Density	0.790
Solubility	Soluble in water
Partition coefficient; n-octanol/water	No data available

Autoignition Temperature	465 °C / 869 °F
Decomposition Temperature	> 4°C
Viscosity	0.32 mPa.s @ 20 °C
Molecular Formula	C3 H6 O
Molecular Weight	58.08
Refractive index	1.358 - 1.359

## 10. Stability and reactivity

<b>Reactive Hazard</b>	None known, based on information available
<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.
<b>Incompatible Materials</b>	Strong oxidizing agents, Strong reducing agents, Strong bases, Peroxides, Halogenated compounds, Alkali metals, Amines
<b>Hazardous Decomposition Products</b>	Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ), Formaldehyde, Methanol
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous Reactions</b>	None under normal processing.

## 11. Toxicological information

### Acute Toxicity

#### Product Information

#### Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Acetone	5800 mg/kg ( Rat )	> 15800 mg/kg (rabbit) > 7400 mg/kg (rat)	76 mg/l, 4 h, (rat)

**Toxicologically Synergistic Products** Carbon tetrachloride; Chloroform; Trichloroethylene; Bromodichloromethane; Dibromochloromethane; N-nitrosodimethylamine; 1,1,2-Trichloroethane; Styrene; Acetonitrile, 2,5-Hexanedione; Ethanol; 1,2-Dichlorobenzene

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Irritation</b>	Irritating to eyes and skin
<b>Sensitization</b>	No information available
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Acetone	67-64-1	Not listed	Not listed	Not listed	Not listed	Not listed

**Mutagenic Effects** No information available

**Reproductive Effects** No information available.

**Developmental Effects** No information available.

**Teratogenicity** No information available.

**STOT - single exposure** Central nervous system (CNS)  
**STOT - repeated exposure** Kidney Liver spleen Blood

**Aspiration hazard** No information available

**Symptoms / effects, both acute and** Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting:

<b>delayed</b>	May cause pulmonary edema: Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting
<b>Endocrine Disruptor Information</b>	No information available
<b>Other Adverse Effects</b>	Neurotoxic effects have occurred in experimental animals.

## 12. Ecological information

### Ecotoxicity

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Acetone	NOEC = 430 mg/l (algae; 96 h)	Oncorhynchus mykiss: LC50 = 5540 mg/l 96h Alburnus alburnus: LC50 = 11000 mg/l 96h Leuciscus idus: LC50 = 11300 mg/L/48h Salmo gairdneri: LC50 = 6100 mg/L/24h	EC50 = 14500 mg/L/15 min	EC50 = 8800 mg/L/48h EC50 = 12700 mg/L/48h EC50 = 12600 mg/L/48h

**Persistence and Degradability** Persistence is unlikely based on information available.  
**Bioaccumulation/ Accumulation** No information available.

**Mobility** Will likely be mobile in the environment due to its volatility.

Component	log Pow
Acetone	-0.24

## 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Component	RCRA - U Series Wastes	RCRA - P Series Wastes
Acetone - 67-64-1	U002	-

## 14. Transport information

### DOT

UN-No UN1090  
 Proper Shipping Name ACETONE  
 Hazard Class 3  
 Packing Group II

### TDG

UN-No UN1090  
 Proper Shipping Name ACETONE  
 Hazard Class 3  
 Packing Group II

### IATA

UN-No UN1090  
 Proper Shipping Name ACETONE  
 Hazard Class 3  
 Packing Group II

### IMDG/IMO

UN-No UN1090  
 Proper Shipping Name ACETONE  
 Hazard Class 3  
 Packing Group II

## 15. Regulatory information

### International Inventories

Component	TSCA	DSL	NDSL	EINECS	ELINCS	NLP	PICCS	ENCS	AICS	IECSC	KECL
Acetone	X	X	-	200-662-2	-		X	X	X	X	X

**Legend:**

X - Listed

E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA.

F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.

N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.

P - Indicates a commenced PMN substance

R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.

S - Indicates a substance that is identified in a proposed or final Significant New Use Rule

T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.

XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B)).

Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater.

Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

**U.S. Federal Regulations**

TSCA 12(b) Not applicable

SARA 313 Not applicable

**SARA 311/312 Hazardous Categorization**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act Not applicable

Clean Air Act Not applicable

OSHA Occupational Safety and Health Administration  
Not applicable

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Component	Hazardous Substances RQs	CERCLA EHS RQs
Acetone	5000 lb	-

**California Proposition 65** This product does not contain any Proposition 65 chemicals

**State Right-to-Know**

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Acetone	X	X	X	-	X

**U.S. Department of Transportation**

Reportable Quantity (RQ): Y  
DOT Marine Pollutant N  
DOT Severe Marine Pollutant N

**U.S. Department of Homeland Security**

This product contains the following DHS chemicals:

Component	DHS Chemical Facility Anti-Terrorism Standard
Acetone	2000 lb STQ

Other International Regulations

Mexico - Grade Serious risk, Grade 3

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class B2 Flammable liquid  
D2B Toxic materials

**16. Other information**

Prepared By Regulatory Affairs  
Thermo Fisher Scientific  
Email: EMSDS.RA@thermofisher.com

Creation Date 28-Apr-2009

Revision Date 12-Mar-2014

Print Date 12-Mar-2014

Revision Summary This document has been updated to comply with the US OSHA HazCom 2012 Standard replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

**Disclaimer**

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of SDS**

# SAFETY DATA SHEET

## Benzene

### Section 1. Identification

<b>GHS product identifier</b>	: Benzene
<b>Chemical name</b>	: benzene
<b>Other means of identification</b>	: benzene, purebenzol; cyclohexatriene; phenyl hydride; phene; coal naphtha; pyrobenzol
<b>Product use</b>	: Synthetic/Analytical chemistry.
<b>Synonym</b>	: benzene, purebenzol; cyclohexatriene; phenyl hydride; phene; coal naphtha; pyrobenzol
<b>SDS #</b>	: 001062
<b>Supplier's details</b>	: Airgas USA, LLC and its affiliates 259 North Radnor-Chester Road Suite 100 Radnor, PA 19087-5283 1-610-687-5253
<b>Emergency telephone number (with hours of operation)</b>	: 1-866-734-3438

### Section 2. Hazards identification

<b>OSHA/HCS status</b>	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
<b>Classification of the substance or mixture</b>	: FLAMMABLE LIQUIDS - Category 2 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 GERM CELL MUTAGENICITY - Category 1B CARCINOGENICITY - Category 1 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (bone marrow) - Category 1
<b>GHS label elements</b>	
<b>Hazard pictograms</b>	:
<b>Signal word</b>	: Danger
<b>Hazard statements</b>	: Highly flammable liquid and vapor. May form explosive mixtures with air. Causes serious eye irritation. Causes skin irritation. May cause genetic defects. May cause cancer. Causes damage to organs through prolonged or repeated exposure. (bone marrow)
<b>Precautionary statements</b>	
<b>General</b>	: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

## Section 2. Hazards identification

- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
- Response** : Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Storage** : Store locked up. Store in a well-ventilated place. Keep cool.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Substance
- Chemical name** : benzene
- Other means of identification** : benzene, purebenzol; cyclohexatriene; phenyl hydride; phene; coal naphtha; pyrobenzol

### CAS number/other identifiers

- CAS number** : 71-43-2
- Product code** : 001062

Ingredient name	%	CAS number
benzene	100	71-43-2

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## Section 4. First aid measures

- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Causes skin irritation.
- Frostbite** : Try to warm up the frozen tissues and seek medical attention.
- Ingestion** : Harmful if swallowed. Irritating to mouth, throat and stomach.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)



## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing media** : Do not use water jet.

**Specific hazards arising from the chemical** : Highly flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
benzene	<p><b>ACGIH TLV (United States, 3/2012).</b>  <b>Absorbed through skin.</b>            STEL: 8 mg/m<sup>3</sup> 15 minutes.            STEL: 2.5 ppm 15 minutes.            TWA: 1.6 mg/m<sup>3</sup> 8 hours.            TWA: 0.5 ppm 8 hours.</p> <p><b>NIOSH REL (United States, 1/2013).</b>            STEL: 1 ppm 15 minutes.            TWA: 0.1 ppm 10 hours.</p> <p><b>OSHA PEL (United States, 6/2010).</b>            STEL: 5 ppm 15 minutes.            TWA: 1 ppm 8 hours.</p> <p><b>OSHA PEL 1989 (United States, 3/1989).</b>            STEL: 5 ppm 15 minutes.            TWA: 1 ppm 8 hours.</p> <p><b>OSHA PEL Z2 (United States, 11/2006).</b>            AMP: 50 ppm 10 minutes.            CEIL: 25 ppm            TWA: 10 ppm 8 hours.</p>

## Section 8. Exposure controls/personal protection

- Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
- Individual protection measures**
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid. [Watery liquid.]
- Color** : Colorless. Yellowish.
- Molecular weight** : 78.12 g/mole
- Molecular formula** : C<sub>6</sub>-H<sub>6</sub>
- Boiling/condensation point** : 80.09°C (176.2°F)
- Melting/freezing point** : 5.49°C (41.9°F)
- Critical temperature** : 288.95°C (552.1°F)
- Odor** : Characteristic.
- Odor threshold** : Not available.

## Section 9. Physical and chemical properties

<b>pH</b>	: Not available.
<b>Flash point</b>	: Closed cup: -11°C (12.2°F)
<b>Burning time</b>	: Not applicable.
<b>Burning rate</b>	: Not applicable.
<b>Evaporation rate</b>	: 3.5 (butyl acetate = 1)
<b>Flammability (solid, gas)</b>	: Not available.
<b>Lower and upper explosive (flammable) limits</b>	: Lower: 1.2% Upper: 7.8%
<b>Vapor pressure</b>	: 10 kPa (75.006094245 mm Hg) [room temperature]
<b>Vapor density</b>	: 2.7 (Air = 1)
<b>Specific Volume (ft<sup>3</sup>/lb)</b>	: 1.1403
<b>Gas Density (lb/ft<sup>3</sup>)</b>	: 0.877 (20°C / 68 to °F)
<b>Relative density</b>	: 0.88
<b>Solubility</b>	: Not available.
<b>Solubility in water</b>	: 1.88 g/l
<b>Partition coefficient: n-octanol/water</b>	: 2.13
<b>Auto-ignition temperature</b>	: 498°C (928.4°F)
<b>Decomposition temperature</b>	: Not available.
<b>SADT</b>	: Not available.
<b>Viscosity</b>	: Dynamic (room temperature): 0.604 mPa·s (0.604 cP)

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
<b>Incompatibility with various substances</b>	: Highly reactive or incompatible with the following materials: oxidizing materials.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
<b>Hazardous polymerization</b>	: Under normal conditions of storage and use, hazardous polymerization will not occur.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
benzene	LC50 Inhalation Gas.	Rat	10000 ppm	7 hours
	LD50 Oral	Rat	930 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
benzene	Eyes - Moderate irritant	Rabbit	-	88 milligrams	-
	Eyes - Severe irritant	Rabbit	-	24 hours 2 milligrams	-
	Skin - Mild irritant	Rat	-	8 hours 60 microliters	-
	Skin - Mild irritant	Rabbit	-	24 hours 15 milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20 milligrams	-

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Classification

Product/ingredient name	OSHA	IARC	NTP
benzene	+	1	Known to be a human carcinogen.

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
benzene	Category 1	Not determined	bone marrow

#### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Not available.

#### Potential acute health effects

**Eye contact** : Causes serious eye irritation.

**Inhalation** : No known significant effects or critical hazards.

## Section 11. Toxicological information

- Skin contact** : Causes skin irritation.
- Ingestion** : Harmful if swallowed. Irritating to mouth, throat and stomach.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Potential chronic health effects

Not available.

- General** : Causes damage to organs through prolonged or repeated exposure.
- Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : May cause genetic defects.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

Not available.

### Persistence and degradability

Not available.

### Bioaccumulative potential

*Date of issue*/*Date of revision* : 4/26/2015. *Date of previous issue* : 10/16/2014. *Version* : 0.03 9/14

## Section 12. Ecological information

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
benzene	2.13	11	low

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.






## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### United States - RCRA Toxic hazardous waste "U" List

Ingredient	CAS #	Status	Reference number
Benzene (I,T)	71-43-2	Listed	U019

## Section 14. Transport information

	DOT	TDG	Mexico	IMDG	IATA
<b>UN number</b>	UN1114	UN1114	UN114	UN1114	UN1114
<b>UN proper shipping name</b>	BENZENE	BENZENE	BENZENE	BENZENE	BENZENE
<b>Transport hazard class(es)</b>	3 	3 	3 	3 	3 
<b>Packing group</b>	II	II	II	II	II
<b>Environment</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	<b>Reportable quantity</b> 10 lbs / 4.54 kg [1.3675 gal / 5.1767 L] Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.	<b>Explosive Limit and Limited Quantity Index</b> 1 <b>Passenger Carrying Road or Rail Index</b> 5	-	-	<b>Passenger and Cargo Aircraft</b> Quantity limitation: 5 L <b>Cargo Aircraft Only</b> Quantity limitation: 60 L <b>Limited Quantities - Passenger Aircraft</b> Quantity limitation: 1 L

## Section 14. Transport information

	<p><b>Limited quantity</b> Yes.</p> <p><b>Packaging instruction</b> <b>Passenger aircraft</b> Quantity limitation: 5 L</p> <p><b>Cargo aircraft</b> Quantity limitation: 60 L</p> <p><b>Special provisions</b> IB2, T4, TP1</p>				
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“Refer to CFR 49 (or authority having jurisdiction) to determine the information required for shipment of the product.”

**Special precautions for user** : **Transport within user’s premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : **TSCA 8(a) CDR Exempt/Partial exemption:** Not determined  
**United States inventory (TSCA 8b):** This material is listed or exempted.  
**Clean Water Act (CWA) 307:** benzene  
**Clean Water Act (CWA) 311:** benzene

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

### SARA 302/304

#### Composition/information on ingredients

No products were found.

**SARA 304 RQ** : Not applicable.

### SARA 311/312

**Classification** : Fire hazard  
 Immediate (acute) health hazard  
 Delayed (chronic) health hazard

#### Composition/information on ingredients



## Section 15. Regulatory information

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
benzene	100	Yes.	No.	No.	Yes.	Yes.

### SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	benzene	71-43-2	100
Supplier notification	benzene	71-43-2	100

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

### State regulations

- Massachusetts** : This material is listed.  
**New York** : This material is listed.  
**New Jersey** : This material is listed.  
**Pennsylvania** : This material is listed.

### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
benzene	Yes.	Yes.	6.4 µg/day (ingestion) 13 µg/day (inhalation)	24 µg/day (ingestion) 49 µg/day (inhalation)

- Canada inventory** : This material is listed or exempted.

### International regulations

- International lists** :
- Australia inventory (AICS):** This material is listed or exempted.
  - China inventory (IECSC):** This material is listed or exempted.
  - Japan inventory:** This material is listed or exempted.
  - Korea inventory:** This material is listed or exempted.
  - Malaysia Inventory (EHS Register):** Not determined.
  - New Zealand Inventory of Chemicals (NZIoC):** This material is listed or exempted.
  - Philippines inventory (PICCS):** This material is listed or exempted.
  - Taiwan inventory (CSNN):** Not determined.

- Chemical Weapons Convention List Schedule I Chemicals** : Not listed

- Chemical Weapons Convention List Schedule II Chemicals** : Not listed

- Chemical Weapons Convention List Schedule III Chemicals** : Not listed

### Canada

Date of issue/Date of revision : 4/26/2015. Date of previous issue : 10/16/2014. Version : 0.03 12/14

## Section 15. Regulatory information

- WHMIS (Canada)** : Class B-2: Flammable liquid  
 Class D-2A: Material causing other toxic effects (Very toxic).  
 Class D-2B: Material causing other toxic effects (Toxic).  
**CEPA Toxic substances:** This material is listed.  
**Canadian ARET:** This material is not listed.  
**Canadian NPRI:** This material is listed.  
**Alberta Designated Substances:** This material is not listed.  
**Ontario Designated Substances:** This material is not listed.  
**Quebec Designated Substances:** This material is not listed.

## Section 16. Other information

- Canada Label requirements** : Class B-2: Flammable liquid  
 Class D-2A: Material causing other toxic effects (Very toxic).  
 Class D-2B: Material causing other toxic effects (Toxic).

### Hazardous Material Information System (U.S.A.)

Health	*	2
Flammability		3
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

### National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

### History

- Date of printing** : 4/26/2015.  
**Date of issue/Date of revision** : 4/26/2015.  
**Date of previous issue** : 10/16/2014.  
**Version** : 0.03

## Section 16. Other information

- Key to abbreviations**
- : ATE = Acute Toxicity Estimate
  - BCF = Bioconcentration Factor
  - GHS = Globally Harmonized System of Classification and Labelling of Chemicals
  - IATA = International Air Transport Association
  - IBC = Intermediate Bulk Container
  - IMDG = International Maritime Dangerous Goods
  - LogPow = logarithm of the octanol/water partition coefficient
  - MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
  - UN = United Nations
  - ACGIH – American Conference of Governmental Industrial Hygienists
  - AIHA – American Industrial Hygiene Association
  - CAS – Chemical Abstract Services
  - CEPA – Canadian Environmental Protection Act
  - CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act (EPA)
  - CFR – United States Code of Federal Regulations
  - CPR – Controlled Products Regulations
  - DSL – Domestic Substances List
  - GWP – Global Warming Potential
  - IARC – International Agency for Research on Cancer
  - ICAO – International Civil Aviation Organisation
  - Inh – Inhalation
  - LC – Lethal concentration
  - LD – Lethal dosage
  - NDSL – Non-Domestic Substances List
  - NIOSH – National Institute for Occupational Safety and Health
  - TDG – Canadian Transportation of Dangerous Goods Act and Regulations
  - TLV – Threshold Limit Value
  - TSCA – Toxic Substances Control Act
  - WEEL – Workplace Environmental Exposure Level
  - WHMIS – Canadian Workplace Hazardous Material Information System

**References** : Not available.

 Indicates information that has changed from previously issued version.

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



# SAFETY DATA SHEET

Creation Date 25-Aug-2010

Revision Date 23-Oct-2014

Revision Number 1

## 1. Identification

**Product Name** Cyclohexanone

**Cat No. :** AC406090000, AC406090010, AC406090025, AC406092500

**Synonyms** Ketoexamethylene; Pimelic ketone.

**Recommended Use** Laboratory chemicals.

**Uses advised against** No Information available

**Details of the supplier of the safety data sheet**

Company	Entity / Business Name	Emergency Telephone Number
Fisher Scientific One Reagent Lane Fair Lawn, NJ 07410 Tel: (201) 796-7100	Acros Organics One Reagent Lane Fair Lawn, NJ 07410	For information <b>US</b> call: 001-800-ACROS-01 / <b>Europe</b> call: +32 14 57 52 11 Emergency Number <b>US</b> :001-201-796-7100 / <b>Europe</b> : +32 14 57 52 99 <b>CHEMTREC</b> Tel. No. <b>US</b> :001-800-424-9300 / <b>Europe</b> :001-703-527-3887

## 2. Hazard(s) identification

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids	Category 3
Acute oral toxicity	Category 4
Acute dermal toxicity	Category 3
Acute Inhalation Toxicity - Vapors	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 1
Specific target organ toxicity (single exposure)	Category 3
Target Organs - Respiratory system, Central nervous system (CNS).	
Specific target organ toxicity - (repeated exposure)	Category 2
Target Organs - Liver, Kidney.	

### Label Elements

#### Signal Word

Danger

#### Hazard Statements

Flammable liquid and vapor

Harmful if swallowed  
Toxic in contact with skin  
Harmful if inhaled  
Causes skin irritation  
Causes serious eye damage  
May cause respiratory irritation  
May cause drowsiness or dizziness  
May cause damage to organs through prolonged or repeated exposure



### Precautionary Statements

#### Prevention

Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Wear protective gloves/protective clothing/eye protection/face protection  
Use only outdoors or in a well-ventilated area  
Do not breathe dust/fume/gas/mist/vapors/spray  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof electrical/ventilating/lighting/equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Keep cool

#### Response

Get medical attention/advice if you feel unwell

#### Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Call a POISON CENTER or doctor/physician if you feel unwell

#### Skin

Call a POISON CENTER or doctor/physician if you feel unwell  
If skin irritation occurs: Get medical advice/attention  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse

#### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor/physician

#### Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
Rinse mouth

#### Fire

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

#### Storage

Store in a well-ventilated place. Keep container tightly closed  
Store locked up

#### Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

May form explosive peroxides

## 3. Composition / information on ingredients

Component	CAS-No	Weight %
Cyclohexanone	108-94-1	>95

#### 4. First-aid measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Immediate medical attention is required.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with a respiratory medical device. Immediate medical attention is required.
<b>Ingestion</b>	Do not induce vomiting. Call a physician or Poison Control Center immediately.
<b>Most important symptoms/effects</b>	Breathing difficulties. Causes eye burns. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting
<b>Notes to Physician</b>	Treat symptomatically

#### 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	CO <sub>2</sub> , dry chemical, dry sand, alcohol-resistant foam. Cool closed containers exposed to fire with water spray.
<b>Unsuitable Extinguishing Media</b>	Water may be ineffective
<b>Flash Point</b>	43 °C / 109 °F
<b>Method -</b>	Closed cup
<b>Autoignition Temperature</b>	520 °C / 968 °F
<b>Explosion Limits</b>	
<b>Upper</b>	9.4 vol %
<b>Lower</b>	1.10 vol %
<b>Sensitivity to Mechanical Impact</b>	No information available
<b>Sensitivity to Static Discharge</b>	No information available

#### Specific Hazards Arising from the Chemical

Flammable. Containers may explode when heated. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back.

#### Hazardous Combustion Products

Carbon monoxide (CO) Carbon dioxide (CO<sub>2</sub>)

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

#### NFPA

<b>Health</b>	<b>Flammability</b>	<b>Instability</b>	<b>Physical hazards</b>
1	2	0	N/A

#### 6. Accidental release measures

<b>Personal Precautions</b>	Use personal protective equipment. Remove all sources of ignition. Take precautionary measures against static discharges. Avoid contact with skin, eyes and inhalation of vapors.
<b>Environmental Precautions</b>	Avoid release to the environment. See Section 12 for additional ecological information.

**Methods for Containment and Clean Up** Remove all sources of ignition. Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Use spark-proof tools and explosion-proof equipment.

## 7. Handling and storage

<b>Handling</b>	Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Do not ingest. Keep away from open flames, hot surfaces and sources of ignition. Use only non-sparking tools. Use explosion-proof equipment. Take precautionary measures against static discharges. If peroxide formation is suspected, do not open or move container.
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. May form explosive peroxides on prolonged storage. Should crystals form in a peroxidizable liquid, peroxidation may have occurred and the product should be considered extremely dangerous. In this instance, the container should only be opened remotely by professionals. Flammables area.

## 8. Exposure controls / personal protection

### Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH
Cyclohexanone	TWA: 20 ppm STEL: 50 ppm Skin	(Vacated) TWA: 25 ppm (Vacated) TWA: 100 mg/m <sup>3</sup> Skin TWA: 50 ppm TWA: 200 mg/m <sup>3</sup>	IDLH: 700 ppm TWA: 25 ppm TWA: 100 mg/m <sup>3</sup>

Component	Quebec	Mexico OEL (TWA)	Ontario TWA/EV
Cyclohexanone	TWA: 25 ppm TWA: 100 mg/m <sup>3</sup> Skin	TWA: 50 ppm TWA: 200 mg/m <sup>3</sup> STEL: 100 ppm STEL: 400 mg/m <sup>3</sup>	TWA: 20 ppm STEL: 50 ppm Skin

### Legend

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NIOSH IDLH: The National Institute for Occupational Safety and Health Immediately Dangerous to Life or Health

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas. Use explosion-proof electrical/ventilating/lighting/equipment. Ensure that eyewash stations and safety showers are close to the workstation location.
<b>Personal Protective Equipment</b>	
<b>Eye/face Protection</b>	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
<b>Skin and body protection</b>	Wear appropriate protective gloves and clothing to prevent skin exposure.
<b>Respiratory Protection</b>	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Colorless
<b>Odor</b>	mint-like
<b>Odor Threshold</b>	0.12 ppm
<b>pH</b>	Not applicable
<b>Melting Point/Range</b>	-47 °C / -52.6 °F
<b>Boiling Point/Range</b>	155 °C / 311 °F @ 760 mmHg
<b>Flash Point</b>	43 °C / 109 °F
<b>Method -</b>	Closed cup

Evaporation Rate	No information available
Flammability (solid,gas)	Not applicable
Flammability or explosive limits	
Upper	9.4 vol %
Lower	1.10 vol %
Vapor Pressure	4.5 mbar @ 20 °C
Vapor Density	3.4
Relative Density	0.947
Solubility	No information available
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	520 °C / 968 °F
Decomposition Temperature	No information available
Viscosity	2.2 mPas @ 20°C
Molecular Formula	C6 H10 O
Molecular Weight	98.14

## 10. Stability and reactivity

<b>Reactive Hazard</b>	None known, based on information available
<b>Stability</b>	Stable under normal conditions. May form explosive peroxides.
<b>Conditions to Avoid</b>	Incompatible products. Heat, flames and sparks. The presence of oxygen or prolonged standing in or exposure to direct sunlight may lead to formation of unstable peroxides, which may explode spontaneously or when heated.
<b>Incompatible Materials</b>	Strong oxidizing agents, Strong acids
<b>Hazardous Decomposition Products</b>	Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> )
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous Reactions</b>	None under normal processing.

## 11. Toxicological information

### Acute Toxicity

#### Product Information Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Cyclohexanone	1544 mg/kg ( Rat )	947 mg/kg ( Rabbit )	8000 ppm ( Rat ) 4 h

**Toxicologically Synergistic Products** No information available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Irritation</b>	Causes eye burns; Irritating to skin
<b>Sensitization</b>	No information available
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Cyclohexanone	108-94-1	group 3	Not listed	A3	Not listed	Not listed

**Mutagenic Effects** No information available

**Reproductive Effects** Experiments have shown reproductive toxicity effects on laboratory animals.

**Developmental Effects** Developmental effects have occurred in experimental animals.

**Teratogenicity** Teratogenic effects have occurred in experimental animals.



**STOT - single exposure** Respiratory system Central nervous system (CNS)  
**STOT - repeated exposure** Liver Kidney

**Aspiration hazard** No information available

**Symptoms / effects, both acute and delayed** Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting

**Endocrine Disruptor Information** No information available

**Other Adverse Effects** See actual entry in RTECS for complete information.

## 12. Ecological information

### Ecotoxicity

Do not empty into drains.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Cyclohexanone	Not listed	Leusiscus idus: LC50>500mg/L 48h	EC50 = 18.5 mg/L 5 min EC50 = 21.3 mg/L 10 min EC50 = 25 mg/L 5 min	Not listed

**Persistence and Degradability** Insoluble in water Persistence is unlikely based on information available.

**Bioaccumulation/ Accumulation** No information available.

**Mobility** Is not likely mobile in the environment due its low water solubility.

Component	log Pow
Cyclohexanone	0.86

## 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Component	RCRA - U Series Wastes	RCRA - P Series Wastes
Cyclohexanone - 108-94-1	U057	-

## 14. Transport information

### DOT

**UN-No** UN1915  
**Proper Shipping Name** CYCLOHEXANONE  
**Hazard Class** 3  
**Packing Group** III

### TDG

**UN-No** UN1915  
**Proper Shipping Name** CYCLOHEXANONE  
**Hazard Class** 3  
**Packing Group** III

### IATA

**UN-No** UN1915  
**Proper Shipping Name** CYCLOHEXANONE  
**Hazard Class** 3  
**Packing Group** III

### IMDG/IMO

**UN-No** UN1915  
**Proper Shipping Name** CYCLOHEXANONE  
**Hazard Class** 3  
**Packing Group** III

## 15. Regulatory information

### International Inventories

Component	TSCA	DSL	NDSL	EINECS	ELINCS	NLP	PICCS	ENCS	AICS	IECSC	KECL
Cyclohexanone	X	X	-	203-631-1	-		X	X	X	X	X

#### Legend:

X - Listed

E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA.

F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.

N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.

P - Indicates a commenced PMN substance

R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.

S - Indicates a substance that is identified in a proposed or final Significant New Use Rule

T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.

XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B)).

Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater.

Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

### U.S. Federal Regulations

TSCA 12(b) Not applicable

SARA 313 Not applicable

#### SARA 311/312 Hazardous Categorization

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act Not applicable

Clean Air Act Not applicable

OSHA Occupational Safety and Health Administration  
Not applicable

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Component	Hazardous Substances RQs	CERCLA EHS RQs
Cyclohexanone	5000 lb	-

California Proposition 65 This product does not contain any Proposition 65 chemicals

#### State Right-to-Know

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Cyclohexanone	X	X	X	X	X

### U.S. Department of Transportation

Reportable Quantity (RQ):	N
DOT Marine Pollutant	N
DOT Severe Marine Pollutant	N

**U.S. Department of Homeland Security**

This product does not contain any DHS chemicals.

**Other International Regulations**

**Mexico - Grade** No information available

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

**WHMIS Hazard Class** B3 Combustible liquid  
D1B Toxic materials  
D2B Toxic materials

**16. Other information**

**Prepared By** Regulatory Affairs  
Thermo Fisher Scientific  
Email: EMSDS.RA@thermofisher.com

**Creation Date** 25-Aug-2010  
**Revision Date** 23-Oct-2014  
**Print Date** 23-Oct-2014  
**Revision Summary** This document has been updated to comply with the US OSHA HazCom 2012 Standard replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

**Disclaimer**

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of SDS**



**MATHESON**

ask...The Gas Professionals™

## Safety Data Sheet

**Material Name: ETHYL BENZENE**

**SDS ID: MAT08780**

### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

**Material Name**

ETHYL BENZENE

**Synonyms**

MTG MSDS 185; EB; PHENYLETHANE; ETHYLBENZENE; ETHYLBENZOL; ALPHA-METHYLTOLUENE; UN 1175; C8H10

**Chemical Family**

Hydrocarbons, aromatic

**Product Use**

industrial.

**Restrictions on Use**

None known.

**Details of the supplier of the safety data sheet**

MATHESON TRI-GAS, INC.

150 Allen Road, Suite 302

Basking Ridge, NJ 07920

General Information: 1-800-416-2505

Emergency #: 1-800-424-9300 (CHEMTREC)

Outside the US: 703-527-3887 (Call collect)

### Section 2 - HAZARDS IDENTIFICATION

**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Flammable Liquids - Category 2

Aspiration Hazard - Category 1

Acute Toxicity - Inhalation - Dust/Mist - Category 4

Acute Toxicity - Inhalation - Vapor - Category 4

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Eye Irritation - Category 2A

Carcinogenicity - Category 2

Reproductive Toxicity - Category 1B

Specific target organ toxicity - Single exposure - Category 2

Specific target organ toxicity - Single exposure - Category 3

Specific Target Organ Toxicity - Repeated Exposure - Category 2 ( ears , Ears )

Hazardous to the Aquatic Environment - Acute - Category 2

Hazardous to the Aquatic Environment - Chronic - Category 2

**GHS Label Elements**

**Symbol(s)**



**Signal Word**

Danger

**Hazard Statement(s)**



## Safety Data Sheet

**Material Name: ETHYL BENZENE****SDS ID: MAT08780**

Highly flammable liquid and vapor.  
Harmful if inhaled.  
Causes skin irritation.  
Causes serious eye irritation.  
Suspected of causing cancer.  
May damage fertility or the unborn child.  
May cause damage to organs. (central nervous system )  
May cause respiratory irritation.  
May be fatal if swallowed and enters airways.  
Toxic to aquatic life.

**Precautionary Statement(s)****Prevention**

Keep away from heat, sparks, open flame, and hot surfaces - No smoking.  
Keep container tightly closed.  
Ground/Bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Use Personal Protective equipment as required.  
Do not breathe vapor or mist.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves and eye/face protection.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Avoid release to the environment.

**Response**

In case of fire, use media appropriate for extinction.  
IF exposed or concerned: Get medical advice/attention.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
If skin irritation occurs: Get medical advice/attention.  
Wash contaminated clothing before reuse.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
Do NOT induce vomiting.

**Storage**

Store in a well-ventilated place.  
Keep cool.  
Keep container tightly closed.  
Store locked up.

**Disposal**

Dispose in accordance with all applicable regulations.

**Statement(s) of Unknown Acute Toxicity**

Inhalation 0% of the mixture consists of ingredient(s) of unknown acute toxicity.



## Safety Data Sheet

**Material Name: ETHYL BENZENE****SDS ID: MAT08780****Statement(s) of Unknown Aquatic Toxicity**

0% of the mixture consists of ingredient(s) of unknown acute aquatic toxicity.

0% of the mixture consists of ingredient(s) of unknown chronic aquatic toxicity.

**Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

CAS	Component Name	Percent
100-41-4	ETHYL BENZENE	100

**Section 4 - FIRST AID MEASURES****Inhalation**

If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.

**Skin**

Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.

**Eyes**

Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Then get immediate medical attention.

**Ingestion**

aspiration hazard. Do NOT induce vomiting. When vomiting occurs, keep head lower than hips to help prevent aspiration. Get medical attention immediately. Give artificial respiration if not breathing.

**Most Important Symptoms/Effects****Acute**

respiratory tract irritation, skin irritation, eye irritation, central nervous system damage, lung damage (from aspiration)

**Delayed**

cancer, Reproductive Effects

**Note to Physicians**

For inhalation, consider oxygen.

**Section 5 - FIRE FIGHTING MEASURES****Extinguishing Media****Suitable Extinguishing Media**

regular dry chemical, carbon dioxide, water spray, regular foam, Large fires: Use water spray, fog or regular foam.

**Unsuitable Extinguishing Media**

Do not use high-pressure water streams.

**Special Hazards Arising from the Chemical**

Severe fire hazard. Vapor/air mixtures are explosive above flash point. The vapor is heavier than air. Vapors or gases may ignite at distant ignition sources and flash back. Electrostatic discharges may be generated by flow or agitation resulting in ignition or explosion.

**Hazardous Combustion Products**

Oxides of carbon

**Fire Fighting Measures**

Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Stay away from the ends of tanks. For fires in cargo or storage area: Cool containers with water from unmanned hose holder or monitor nozzles until well after fire is out. If this is impossible then take the following precautions: Keep unnecessary people away, isolate hazard area and deny entry. Let the fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. For tank,



## Safety Data Sheet

**Material Name: ETHYL BENZENE**

**SDS ID: MAT08780**

rail car or tank truck: Evacuation radius: 800 meters (1/2 mile). Do not attempt to extinguish fire unless flow of material can be stopped first. Flood with fine water spray. Do not scatter spilled material with high-pressure water streams. Cool containers with water spray until well after the fire is out. Apply water from a protected location or from a safe distance. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Water may be ineffective.

**Special Protective Equipment and Precautions for Firefighters**

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

**Section 6 - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

Wear personal protective clothing and equipment, see Section 8.

**Methods and Materials for Containment and Cleaning Up**

Avoid heat, flames, sparks and other sources of ignition. Eliminate all ignition sources if safe to do so. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if possible without personal risk. Prevent entry into waterways, sewers, basements, or confined areas. Reduce vapors with water spray. Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal. Dike for later disposal. Remove sources of ignition. Use water spray to reduce vapors or divert vapor cloud drift. Keep unnecessary people away, isolate hazard area and deny entry. Notify Local Emergency Planning Committee and State Emergency Response Commission for release greater than or equal to RQ (U.S. SARA Section 304). If release occurs in the U.S. and is reportable under CERCLA Section 103, notify the National Response Center at (800)424-8802 (USA) or (202)426-2675 (USA).

**Environmental Precautions**

Avoid release to the environment.

**Section 7 - HANDLING AND STORAGE**

**Precautions for Safe Handling**

Keep away from heat, sparks, open flame, and hot surfaces - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use Personal Protective equipment as required. Do not breathe vapor or mist. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection/face protection. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Avoid release to the environment.

**Conditions for Safe Storage, Including any Incompatibilities**

Store in a well-ventilated place.

Keep cool.

Keep container tightly closed.

Store locked up.

Store and handle in accordance with all current regulations and standards. Store in a well-ventilated area. Keep cool. Keep container tightly closed. Keep locked up. Grounding and bonding required. Keep separated from incompatible substances. Protect from physical damage. Store outside or in a detached building. Store with flammable liquids. Subject to storage regulations: U.S. OSHA 29 CFR 1910.106.

**Incompatible Materials**

Acids, bases, oxidizing materials, combustible materials

**Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Component Exposure Limits**

<b>ETHYL BENZENE</b>	<b>100-41-4</b>
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## Safety Data Sheet

**Material Name: ETHYL BENZENE****SDS ID: MAT08780**

ACGIH:	20 ppm TWA
NIOSH:	100 ppm TWA ; 435 mg/m3 TWA
	125 ppm STEL ; 545 mg/m3 STEL
	800 ppm IDLH (10% LEL )
Europe:	100 ppm TWA ; 442 mg/m3 TWA
	Possibility of significant uptake through the skin
	200 ppm STEL ; 884 mg/m3 STEL
OSHA (US):	100 ppm TWA ; 435 mg/m3 TWA
Mexico:	100 ppm TWA VLE-PPT ; 435 mg/m3 TWA VLE-PPT
	125 ppm STEL [PPT-CT ] ; 545 mg/m3 STEL [PPT-CT ]

**ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)****ETHYL BENZENE (100-41-4)**

0.15 g/g creatinine Medium: urine Time: end of shift Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific )

**Engineering Controls**

Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust or process enclosure ventilation system. Ensure compliance with applicable exposure limits.

**Individual Protection Measures, such as Personal Protective Equipment****Eye/face protection**

Wear splash resistant safety goggles with a faceshield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

**Skin Protection**

Wear appropriate chemical resistant clothing.

**Respiratory Protection**

The following respirators and maximum use concentrations are drawn from NIOSH and/or OSHA. 800 ppm. Any air-purifying half-mask respirator equipped with organic vapor cartridge(s). Any air-purifying full-facepiece respirator (gas mask) with a chin-style, front-mounted or back-mounted organic vapor canister. Any powered, air-purifying respirator with organic vapor cartridge(s). Any supplied-air respirator. Any self-contained breathing apparatus with a full facepiece. Emergency or planned entry into unknown concentrations or IDLH conditions -. Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode. Any supplied-air respirator with a full facepiece that is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode. Escape -. Any air-purifying full-facepiece respirator (gas mask) with a chin-style, front-mounted or back-mounted organic vapor canister. Any appropriate escape-type, self-contained breathing apparatus. Any supplied-air respirator with a full facepiece that is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode. Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode.

**Glove Recommendations**

Wear appropriate chemical resistant gloves.





## Safety Data Sheet

Material Name: ETHYL BENZENE

SDS ID: MAT08780

**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Clear, colorless liquid	<b>Physical State</b>	liquid
<b>Odor</b>	aromatic odor	<b>Color</b>	colorless
<b>Odor Threshold</b>	140 ppm	<b>pH</b>	Not available
<b>Melting Point</b>	-95 °C (-139 °F)	<b>Boiling Point</b>	136 °C (277 °F)
<b>Boiling Point Range</b>	Not available	<b>Freezing point</b>	Not available
<b>Evaporation Rate</b>	<1 (Butyl acetate = 1)	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition Temperature</b>	432 °C (810 °F)	<b>Flash Point</b>	15 °C Closed Cup (59 °F)
<b>Lower Explosive Limit</b>	0.8 %	<b>Decomposition temperature</b>	Not available
<b>Upper Explosive Limit</b>	6.7 %	<b>Vapor Pressure</b>	7.1 mmHg @ 20 °C
<b>Vapor Density (air=1)</b>	3.66	<b>Specific Gravity (water=1)</b>	0.867
<b>Water Solubility</b>	0.015 %	<b>Partition coefficient: n-octanol/water</b>	154170.05
<b>Viscosity</b>	0.64 cp	<b>Kinematic viscosity</b>	Not available
<b>Solubility (Other)</b>	Not available	<b>Bioconcentration Factor (BCF)</b>	36.39
<b>Density</b>	Not available	<b>Henry's Law Constant</b>	0.00788 atm-m <sup>3</sup> /mole
<b>KOC</b>	520 (Estimated)	<b>Physical Form</b>	liquid
<b>Volatility</b>	100 %	<b>Molecular Formula</b>	C-H <sub>3</sub> -C-H <sub>2</sub> -C <sub>6</sub> -H <sub>5</sub>
<b>Molecular Weight</b>	106.17	<b>OSHA Flammability Class</b>	IB

**Solvent Solubility****Soluble**

alcohol, ether, Benzene, sulfur dioxide, carbon tetrachloride

**Insoluble**

ammonia

**Section 10 - STABILITY AND REACTIVITY****Reactivity**

No reactivity hazard is expected.

**Chemical Stability**

Stable at normal temperatures and pressure.



## Safety Data Sheet

**Material Name: ETHYL BENZENE****SDS ID: MAT08780****Possibility of Hazardous Reactions**

Will not polymerize.

**Conditions to Avoid**

Avoid heat, flames, sparks and other sources of ignition. Containers may rupture or explode if exposed to heat. Keep out of water supplies and sewers.

**Incompatible Materials**

Acids, bases, oxidizing materials, combustible materials

**Hazardous decomposition products**

Oxides of carbon

**Section 11 - TOXICOLOGICAL INFORMATION****Information on Likely Routes of Exposure****Inhalation**

irritation (possibly severe), chest pain, difficulty breathing, emotional disturbances, headache, drowsiness, dizziness, loss of coordination, coma, cancer

**Skin Contact**

irritation

**Eye Contact**

irritation

**Ingestion**

nausea, vomiting, stomach pain, aspiration hazard

**Acute and Chronic Toxicity****Component Analysis - LD50/LC50**

The components of this material have been reviewed in various sources and the following selected endpoints are published:

**ETHYL BENZENE (100-41-4)**

Oral LD50 Rat 3500 mg/kg

Dermal LD50 Rabbit 15400 mg/kg

Inhalation LC50 Rat 17.4 mg/L 4 h

**Product Toxicity Data****Acute Toxicity Estimate**

Dermal	> 2000 mg/kg
Inhalation - Vapor	17.4 mg/L
Oral	> 2000 mg/kg

**Immediate Effects**

respiratory tract irritation, skin irritation, eye irritation, central nervous system damage, lung damage (from aspiration)

**Delayed Effects**

Reproductive Effects, cancer

**Irritation/Corrosivity Data**

respiratory tract irritation, skin irritation, eye irritation

**Respiratory Sensitization**

No data available.

**Dermal Sensitization**

No data available.

**Component Carcinogenicity**



## Safety Data Sheet

**Material Name: ETHYL BENZENE****SDS ID: MAT08780**

<b>ETHYL BENZENE</b>	<b>100-41-4</b>
ACGIH:	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
IARC:	Monograph 77 [2000] (Group 2B (possibly carcinogenic to humans))
DFG:	Category 4 (no significant contribution to human cancer )
OSHA:	Present

**Germ Cell Mutagenicity**

No data available.

**Tumorigenic Data**

No data available

**Reproductive Toxicity**

Available data characterizes components of this product as reproductive hazards.

**Specific Target Organ Toxicity - Single Exposure**

central nervous system, Respiratory system

**Specific Target Organ Toxicity - Repeated Exposure**

No target organs identified.

**Aspiration hazard**

This material is an aspiration hazard.

**Medical Conditions Aggravated by Exposure**

kidney disorders, liver disorders, respiratory disorders, skin disorders and allergies

**Additional Data**

May cross the placenta.

**Section 12 - ECOLOGICAL INFORMATION****Ecotoxicity**

Toxic to aquatic life.

**Component Analysis - Aquatic Toxicity**

<b>ETHYL BENZENE</b>	<b>100-41-4</b>
Fish:	LC50 96 h Oncorhynchus mykiss 11 - 18 mg/L [static ]; LC50 96 h Oncorhynchus mykiss 4.2 mg/L [semi-static ]; LC50 96 h Pimephales promelas 7.55 - 11 mg/L [flow-through ]; LC50 96 h Lepomis macrochirus 32 mg/L [static ]; LC50 96 h Pimephales promelas 9.1 - 15.6 mg/L [static ]; LC50 96 h Poecilia reticulata 9.6 mg/L [static ]
Algae:	EC50 72 h Pseudokirchneriella subcapitata 4.6 mg/L IUCLID ; EC50 96 h Pseudokirchneriella subcapitata >438 mg/L IUCLID ; EC50 72 h Pseudokirchneriella subcapitata 2.6 - 11.3 mg/L [static ] EPA ; EC50 96 h Pseudokirchneriella subcapitata 1.7 - 7.6 mg/L [static ] EPA
Invertebrate:	EC50 48 h Daphnia magna 1.8 - 2.4 mg/L IUCLID

**Persistence and Degradability**

Not expected to undergo hydrolysis in the environment.

**Bioaccumulative Potential**

Bioconcentration potential in aquatic organisms is low based on a BCF value of 15.

**Mobility**



### Safety Data Sheet

**Material Name: ETHYL BENZENE**

**SDS ID: MAT08780**

Expected to have moderate mobility in soil.

**Section 13 - DISPOSAL CONSIDERATIONS**

**Disposal Methods**

Dispose in accordance with all applicable regulations. Subject to disposal regulations: U.S. EPA 40 CFR 262.

Hazardous Waste Number(s): D001.

**Component Waste Numbers**

The U.S. EPA has not published waste numbers for this product's components.

**Section 14 - TRANSPORT INFORMATION**

**US DOT Information:**

**Shipping Name:** ETHYLBENZENE

**Hazard Class:** 3

**UN/NA #:** UN1175

**Packing Group:** II

**Required Label(s):** 3

Marine pollutant

**IMDG Information:**

**Shipping Name:** ETHYLBENZENE

**Hazard Class:** 3

**UN#:** UN1175

**Packing Group:** II

**Required Label(s):** 3

Marine pollutant

**International Bulk Chemical Code**

This material contains one or more of the following chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

<b>ETHYL BENZENE</b>	<b>100-41-4</b>
IBC Code:	Category Y

**Section 15 - REGULATORY INFORMATION**

**U.S. Federal Regulations**

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

<b>ETHYL BENZENE</b>	<b>100-41-4</b>
SARA 313:	0.1 % de minimis concentration
CERCLA:	1000 lb final RQ ; 454 kg final RQ

**SARA Section 311/312 (40 CFR 370 Subparts B and C) reporting categories**

Flammable; Carcinogenicity; Acute toxicity; Reproductive Toxicity; Skin Corrosion/Irritation; Serious Eye Damage/Eye Irritation; Specific Target Organ Toxicity; Aspiration Hazard

**U.S. State Regulations**

The following components appear on one or more of the following state hazardous substances lists:



## Safety Data Sheet

**Material Name: ETHYL BENZENE****SDS ID: MAT08780**

Component	CAS	CA	MA	MN	NJ	PA
<b>ETHYL BENZENE</b>	<b>100-41-4</b>	Yes	Yes	Yes	Yes	Yes

**The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):**

WARNING! This product contains a chemical known to the state of California to cause cancer

<b>ETHYL BENZENE</b>	<b>100-41-4</b>
Carc:	carcinogen , 6/11/2004

**Canada Regulations****Canadian WHMIS Ingredient Disclosure List (IDL)**

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL

<b>ETHYL BENZENE</b>	<b>100-41-4</b>
	0.1 %

**WHMIS Classification**

B2

**Component Analysis - Inventory****ETHYL BENZENE (100-41-4)**

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2	KR - REACH CCA	CN	NZ	MX	TW	VN - NCI (Draft)
Yes	DSL	EIN	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes

**Section 16 - OTHER INFORMATION****NFPA Ratings**

Health: 2 Fire: 3 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

**Summary of Changes**

Updated: 05/01/2015

**Key / Legend**

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania\*; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CFR - Code of Federal Regulations (US); CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research



**MATHESON**

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## Safety Data Sheet

**Material Name: ETHYL BENZENE**

**SDS ID: MAT08780**

on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan; Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR KECI Annex 2 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL) , KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX – Mexico; NDSL – Non-Domestic Substance List (Canada); NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PEL- Permissible Exposure Limit; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TCCA – Korea Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW – Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); VN NCI (Draft) - Vietnam National Chemicals Inventory (NCI) (Draft); WHMIS - Workplace Hazardous Materials Information System (Canada) .

### **Other Information**

#### **Disclaimer:**

Matheson Tri-Gas, Inc. makes no express or implied warranties, guarantees or representations regarding the product or the information herein, including but not limited to any implied warranty or merchantability or fitness for use. Matheson Tri-Gas, Inc. shall not be liable for any personal injury, property or other damages of any nature, whether compensatory, consequential, exemplary, or otherwise, resulting from any publication, use or reliance upon the information herein.

# SAFETY DATA SHEET

According to US Regulation 29 CFR 1910.1200 (HazCom 2012)

## 1. Identification

**Product identifier:** Ethyl Ether

### Other means of identification

**Synonyms:** Diethyl ether; 1,1'-Oxybisethane; Diethyl oxide  
**Product No.:** 0847, 0848, 9238, 9244, 9246, 9250

### Recommended restrictions

**Recommended use:** For Laboratory, Research or Manufacturing Use.  
**Restrictions on use:** Not determined.

### Details of the supplier of the safety data sheet

**Company Name:** Avantor Performance Materials, LLC  
**Address:** 100 Matsonford Rd, Suite 200  
Radnor, PA 19087

**Telephone:** Customer Service: 855-282-6867

**Contact Person:** Product Information Compliance  
**E-mail:** info@avantormaterials.com

### Emergency telephone number:

CHEMTREC: 1-800-424-9300 within US and Canada

## 2. Hazard(s) identification

### Hazard Classification

#### Physical Hazards

Flammable liquids Category 1

#### Health Hazards

Acute toxicity (Oral) Category 4  
Skin Corrosion/Irritation Category 2  
Serious Eye Damage/Eye Irritation Category 2A  
Toxic to reproduction Category 2  
Specific Target Organ Toxicity -  
Single Exposure Category 3<sup>1</sup>

#### Target Organs

1. Narcotic effect.

#### Unknown toxicity - Health

Acute toxicity, inhalation, vapor 100 %

### Label Elements

**Hazard Symbol:**



**Signal Word:** Danger

**Hazard Statement:** Extremely flammable liquid and vapor.  
Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye irritation.  
Suspected of damaging fertility or the unborn child.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.

**Precautionary Statements**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof [electrical/ventilating/lighting] equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.

**Response:** Specific treatment (see on this label). In case of fire: Use water for extinction. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. IF SWALLOWED: Immediately call a POISON CENTER/doctor. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention.

**Storage:** Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

**Disposal:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Hazard(s) not otherwise classified (HNOC):** Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

**3. Composition/information on ingredients**

**Substances**

Chemical Identity	CAS number	Content in percent (%)*
Diethyl ether	60-29-7	99 - 100%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.



**4. First-aid measures**

**General information:** Get medical advice/attention if you feel unwell. Show this safety data sheet to the doctor in attendance.

**Ingestion:** Call a physician or poison control center immediately. Do NOT induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**Inhalation:** Move to fresh air. Get medical attention immediately. If breathing stops, provide artificial respiration. If breathing is difficult, give oxygen.

**Skin Contact:** Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.

**Eye contact:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

**Most important symptoms/effects, acute and delayed**

**Symptoms:** Harmful if swallowed. Irritating to eyes, respiratory system and skin.

**Hazards:** None known.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** Treat symptomatically. Symptoms may be delayed.

**5. Fire-fighting measures**

**General Fire Hazards:** Flammable liquid and vapor. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Water spray, foam, dry powder or carbon dioxide.

**Unsuitable extinguishing media:** Avoid water in straight hose stream; will scatter and spread fire.

**Specific hazards arising from the chemical:** Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Heat may cause the containers to explode. May form explosive peroxides.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** Water may be ineffective in fighting the fire. Fight fire from a protected location. Move containers from fire area if you can do so without risk. Use water spray to keep fire-exposed containers cool. Cool containers exposed to flames with water until well after the fire is out.

**Special protective equipment for fire-fighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:**

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Use personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment. Keep unauthorized personnel away. Keep upwind. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Methods and material for containment and cleaning up:**

In case of leakage, eliminate all ignition sources. Take precautionary measures against static discharges. Stop leak if possible without any risk. Use non-sparking tools. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Clean surface thoroughly to remove residual contamination. Dike far ahead of larger spill for later recovery and disposal.

**Notification Procedures:**

Dike for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. Inform authorities if large amounts are involved.

**Environmental Precautions:**

Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

**7. Handling and storage**

**Precautions for safe handling:**

DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take precautionary measures against static discharges. Ground and bond container and receiving equipment. Use explosion-proof [electrical/ventilating/lighting] equipment. Use non-sparking tools. Contact with air and light may form explosive peroxides. If peroxide formation is suspected, do not open or move container. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing mists or vapors. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Use only with adequate ventilation. Wash hands thoroughly after handling. See Section 8 of the SDS for Personal Protective Equipment.

**Conditions for safe storage, including any incompatibilities:**

Keep away from food, drink and animal feeding stuffs. Prolonged contact with air may cause formation of explosive peroxides. Nitrogen blanketing of containers is recommended. Keep container tightly closed in a cool, well-ventilated place. Ground container and transfer equipment to eliminate static electric sparks. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids.

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

Chemical Identity	Type	Exposure Limit Values	Source
Diethyl ether	TWA	400 ppm	US. ACGIH Threshold Limit Values (2011)
	STEL	500 ppm	US. ACGIH Threshold Limit Values (2011)
	PEL	400 ppm 1,200 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	400 ppm 1,200 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	500 ppm 1,500 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	400 ppm 1,200 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	STEL	500 ppm 1,500 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)

	ST ESL	Health	12,000 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	AN ESL	Health	400 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	AN ESL	Health	1,200 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	ST ESL	Health	4,000 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	STEL		500 ppm 1,500 mg/m <sup>3</sup>	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (08 2010)
	TWA PEL		400 ppm 1,200 mg/m <sup>3</sup>	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (08 2010)

**Appropriate Engineering Controls** No data available.

### Individual protection measures, such as personal protective equipment

**General information:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. An eye wash and safety shower must be available in the immediate work area. Use explosion-proof ventilation equipment.

**Eye/face protection:** Wear safety glasses with side shields (or goggles) and a face shield.

#### Skin Protection

**Hand Protection:** Chemical resistant gloves

**Other:** Wear suitable protective clothing.

**Respiratory Protection:** In case of inadequate ventilation use suitable respirator.

**Hygiene measures:** Provide eyewash station and safety shower. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

## 9. Physical and chemical properties

### Appearance

**Physical state:** Liquid

**Form:** Volatile liquid

**Color:** Colorless

**Odor:** Characteristic

**Odor threshold:** No data available.

**pH:** No data available.

**Melting point/freezing point:** -123.3 - -116.3 °C

**Initial boiling point and boiling range:** 34.6 °C

**Flash Point:** -45 °C (Closed Cup)

**Evaporation rate:** 37.5 (butyl acetate=1)

**Flammability (solid, gas):** Class IA Flammable Liquid

#### Upper/lower limit on flammability or explosive limits

**Flammability limit - upper (%):** 36.5 %(V)

<b>Flammability limit - lower (%):</b>	1.85 %(V)
<b>Explosive limit - upper (%):</b>	No data available.
<b>Explosive limit - lower (%):</b>	No data available.
<b>Vapor pressure:</b>	71.73 kPa (25 °C)
<b>Vapor density:</b>	2.55 (Air=1)
<b>Density:</b>	0.71 g/ml (20 °C)
<b>Relative density:</b>	0.7134 (20 °C)
<b>Solubility(ies)</b>	
<b>Solubility in water:</b>	80 g/l (20 °C)
<b>Solubility (other):</b>	ethanol: Very Soluble
<b>Partition coefficient (n-octanol/water):</b>	0.89
<b>Auto-ignition temperature:</b>	160 °C
<b>Decomposition temperature:</b>	No data available.
<b>Viscosity:</b>	No data available.
<b>Other information</b>	
<b>Minimum ignition energy:</b>	0.19 mJ
<b>Molecular weight:</b>	74.12 g/mol (C4H10O)

## 10. Stability and reactivity

<b>Reactivity:</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical Stability:</b>	Oxidizes on contact with air to form unstable peroxides.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid:</b>	Heat, sparks, flames. Exposure to air.
<b>Incompatible Materials:</b>	Strong oxidizing agents. Acids. Bases, alkalies (organic). Air. May attack some plastics, rubber and coatings.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition may release oxides of carbon.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation:</b>	May cause drowsiness or dizziness.
<b>Skin Contact:</b>	Causes skin irritation.
<b>Eye contact:</b>	Causes serious eye irritation.
<b>Ingestion:</b>	Harmful if swallowed.

### Information on toxicological effects

#### Acute toxicity (list all possible routes of exposure)

<b>Oral</b>	
<b>Product:</b>	LD 50 (Rat): 1,200 - 1,700 mg/kg
<b>Dermal</b>	
<b>Product:</b>	LD 50 (Rabbit) > 20,000 mg/kg

**Inhalation**  
**Product:** LC 50 (Rat, 4 h) 32000 ppm

**Repeated dose toxicity**  
**Product:** No data available.

**Skin Corrosion/Irritation**  
**Product:** Causes skin irritation.

**Serious Eye Damage/Eye Irritation**  
**Product:** Causes serious eye irritation.

**Respiratory or Skin Sensitization**  
**Product:** Not a skin nor a respiratory sensitizer.

**Carcinogenicity**  
**Product:** This substance has no evidence of carcinogenic properties.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**  
No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**  
No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**  
No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**  
**Product:** No mutagenic components identified

**In vivo**  
**Product:** No mutagenic components identified

**Reproductive toxicity**  
**Product:** Suspected of damaging fertility or the unborn child.

**Specific Target Organ Toxicity - Single Exposure**  
**Product:** Narcotic effect. Respiratory tract irritation.

**Specific Target Organ Toxicity - Repeated Exposure**  
**Product:** None known.

**Target Organs**  
Specific Target Organ Toxicity - Single Exposure: Narcotic effect.

**Aspiration Hazard**  
**Product:** May be harmful if swallowed and enters airways.

**Other effects:** None known.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Specified substance(s):**

Diethyl ether  
 LC 50 (Fathead minnow (Pimephales promelas), 96 h): 2,560 mg/l  
 LC 50 (Bluegill (Lepomis macrochirus), 96 h): > 10,000 mg/l  
 LC 50 (Carp (Leuciscus idus melanotus), 48 h): 2,840 mg/l  
 EC 50 (Fathead minnow (Pimephales promelas), 96 h): 2,260 mg/l

**Aquatic Invertebrates**

**Product:** No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** Expected to biodegrade slowly.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available on bioaccumulation.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** Log Kow: 0.89

**Mobility in soil:** No data available.

**Other adverse effects:** The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**13. Disposal considerations**

**Disposal instructions:** Discharge, treatment, or disposal may be subject to national, state, or local laws.

**Contaminated Packaging:** Since emptied containers retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

### DOT

UN Number:	UN 1155
UN Proper Shipping Name:	Diethyl ether
Transport Hazard Class(es)	
Class:	3
Label(s):	3
Packing Group:	I
Marine Pollutant:	No
Special precautions for user:	Not determined.

### IMDG

UN Number:	UN 1155
UN Proper Shipping Name:	DIETHYL ETHER
Transport Hazard Class(es)	
Class:	3
Label(s):	3
EmS No.:	F-E, S-D
Packing Group:	I
Marine Pollutant:	No
Special precautions for user:	Not determined.

### IATA

UN Number:	UN 1155
Proper Shipping Name:	Diethyl ether
Transport Hazard Class(es):	
Class:	3
Label(s):	3
Packing Group:	I
Marine Pollutant:	No
Special precautions for user:	Not determined.

## 15. Regulatory information

### US Federal Regulations

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

#### CERCLA Hazardous Substance List (40 CFR 302.4):

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Diethyl ether	100 lbs.

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

##### Hazard categories

- Flammable (gases, aerosols, liquids, or solids)
- Acute toxicity (any route of exposure)
- Reproductive toxicity
- Specific target organ toxicity (single or repeated exposure)
- Hazards Not Otherwise Classified (HNOC)

##### SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

**SARA 304 Emergency Release Notification**

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Diethyl ether	100 lbs.

**SARA 311/312 Hazardous Chemical**

<u>Chemical Identity</u>	<u>Threshold Planning Quantity</u>
Diethyl ether	10000 lbs.

**SARA 313 (TRI Reporting)**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Diethyl ether	10000 lbs.

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Diethyl ether	10000 lbs.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3):**

None present or none present in regulated quantities.

**US State Regulations**

**US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

**US. New Jersey Worker and Community Right-to-Know Act**

<u>Chemical Identity</u>
Diethyl ether

**US. Massachusetts RTK - Substance List**

<u>Chemical Identity</u>
Diethyl ether

**US. Pennsylvania RTK - Hazardous Substances**

<u>Chemical Identity</u>
Diethyl ether

**US. Rhode Island RTK**

<u>Chemical Identity</u>
Diethyl ether

**International regulations**

**Montreal protocol**

Not applicable

**Stockholm convention**

Not applicable

**Rotterdam convention**

Not applicable

**Kyoto protocol**

Not applicable

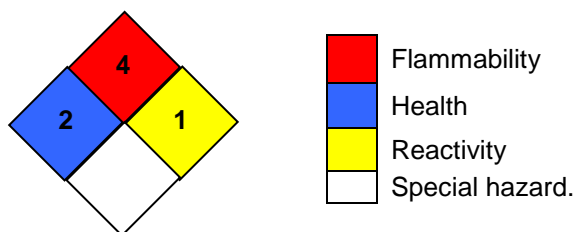


**Inventory Status:**

Australia AICS:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
EINECS, ELINCS or NLP:	On or in compliance with the inventory
Japan (ENCS) List:	On or in compliance with the inventory
China Inv. Existing Chemical Substances:	On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory
Philippines PICCS:	On or in compliance with the inventory
US TSCA Inventory:	On or in compliance with the inventory
New Zealand Inventory of Chemicals:	On or in compliance with the inventory
Japan ISHL Listing:	On or in compliance with the inventory
Mexico INSQ:	On or in compliance with the inventory
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory

**16. Other information, including date of preparation or last revision**

**NFPA Hazard ID**



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

<b>Issue Date:</b>	06-19-2019
<b>Revision Information:</b>	Not relevant.
<b>Version #:</b>	1.1
<b>Source of information:</b>	Sources of information used in preparing this SDS included one or more of the following: results from in house or supplier toxicology studies, information from the Toxicology Data Network (TOXNET), European Chemical Agency (ECHA) substance dossiers, IARC Monographs, US National Toxicology Program data, the Agency for Toxic Substances and Disease Registry, other manufacturer's SDSs and other sources, as appropriate.
<b>Further Information:</b>	No data available.

**Disclaimer:**

The information provided in this Safety Data Sheet (SDS) was prepared based on data believed to be accurate as of the date of this SDS. TO THE GREATEST EXTENT PERMITTED BY LAW, AVANTOR PERFORMANCE MATERIALS ("AVANTOR") EXPRESSLY DISCLAIMS ANY AND ALL REPRESENTATIONS AND WARRANTIES REGARDING THE INFORMATION CONTAINED HEREIN INCLUDING, WITHOUT LIMITATION, AS TO ACCURACY, COMPLETENESS, FITNESS FOR PURPOSE OR USE, MERCHANTABILITY, NON-INFRINGEMENT, PERFORMANCE, SAFETY, SUITABILITY AND STABILITY. This SDS is intended as a guide to the appropriate use, handling, storage and disposal of the product to which it relates by properly trained personnel, and is not intended to be comprehensive. Users of Avantor's products are advised to perform their own tests and to exercise their own judgment to determine the safety, suitability and appropriate use, handling, storage and disposal of each product and product combination for their own purposes and uses. TO THE GREATEST EXTENT PERMITTED BY LAW, AVANTOR DISCLAIMS LIABILITY FOR, AND BY USING AVANTOR'S PRODUCTS PURCHASER AGREES THAT UNDER NO CIRCUMSTANCES SHALL AVANTOR BE LIABLE FOR, SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY TYPE OR KIND, INCLUDING WITHOUT LIMITATION, FOR LOSS OF PROFITS, REPUTATIONAL DAMAGE, PRODUCT RECALL OR BUSINESS INTERRUPTION.



## SAFETY DATA SHEET

Creation Date 27-Apr-2009

Revision Date 03-Mar-2016

Revision Number 3

### 1. Identification

**Product Name** Methanol

**Cat No. :** AC177150000; AC177150010; AC177150025; AC177150050;  
AC177150051; AC177150250; AC177150251

**Synonyms** Methyl alcohol

**Recommended Use** Laboratory chemicals.

**Uses advised against** No Information available

**Details of the supplier of the safety data sheet**

**Company**

Fisher Scientific  
One Reagent Lane  
Fair Lawn, NJ 07410  
Tel: (201) 796-7100

**Entity / Business Name**

Acros Organics  
One Reagent Lane  
Fair Lawn, NJ 07410

**Emergency Telephone Number**

For information **US** call: 001-800-ACROS-01  
/ **Europe** call: +32 14 57 52 11  
Emergency Number **US**:001-201-796-7100 /  
**Europe**: +32 14 57 52 99  
**CHEMTREC** Tel. No.**US**:001-800-424-9300 /  
**Europe**:001-703-527-3887

### 2. Hazard(s) identification

**Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids	Category 2
Acute oral toxicity	Category 3
Acute dermal toxicity	Category 3
Acute Inhalation Toxicity - Vapors	Category 3
Specific target organ toxicity (single exposure)	Category 1
Target Organs - Optic nerve.	
Specific target organ toxicity - (repeated exposure)	Category 1
Target Organs - Kidney, Liver, spleen, Blood.	

**Label Elements**

**Signal Word**

Danger

**Hazard Statements**

Highly flammable liquid and vapor  
Toxic if swallowed  
Toxic in contact with skin  
Toxic if inhaled  
Causes damage to organs  
Causes damage to organs through prolonged or repeated exposure



### Precautionary Statements

#### Prevention

Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Use only outdoors or in a well-ventilated area  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use explosion-proof electrical/ventilating/lighting/equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Keep cool

#### Response

IF exposed: Call a POISON CENTER or doctor/physician

#### Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician

#### Skin

Call a POISON CENTER or doctor/physician if you feel unwell  
 Wash contaminated clothing before reuse  
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

#### Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 Rinse mouth

#### Fire

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

#### Storage

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed

#### Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

#### Other hazards

Poison, may be fatal or cause blindness if swallowed. Vapor harmful. Cannot be made non-poisonous.  
 WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

### 3. Composition / information on ingredients

Component	CAS-No	Weight %
Methyl alcohol	67-56-1	>95

### 4. First-aid measures

#### General Advice

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Immediate medical attention is required.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Immediate medical attention is required.
<b>Ingestion</b>	Do not induce vomiting. Call a physician or Poison Control Center immediately.
<b>Most important symptoms/effects</b>	Breathing difficulties. May cause blindness: Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting
<b>Notes to Physician</b>	Treat symptomatically

## 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Cool closed containers exposed to fire with water spray.
<b>Unsuitable Extinguishing Media</b>	Water may be ineffective
<b>Flash Point</b>	12 °C / 53.6 °F
<b>Method -</b>	No information available
<b>Autoignition Temperature</b>	455 °C / 851 °F
<b>Explosion Limits</b>	
<b>Upper</b>	31.00 vol %
<b>Lower</b>	6.0 vol %
<b>Sensitivity to Mechanical Impact</b>	No information available
<b>Sensitivity to Static Discharge</b>	No information available

### Specific Hazards Arising from the Chemical

Flammable. Risk of ignition. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Containers may explode when heated. Vapors may form explosive mixtures with air.

### Hazardous Combustion Products

Carbon monoxide (CO) Formaldehyde

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

### NFPA

<b>Health</b>	<b>Flammability</b>	<b>Instability</b>	<b>Physical hazards</b>
1	3	0	N/A

## 6. Accidental release measures

<b>Personal Precautions</b>	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
<b>Environmental Precautions</b>	Should not be released into the environment. See Section 12 for additional ecological information.
<b>Methods for Containment and Clean Up</b>	Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

## 7. Handling and storage

<b>Handling</b>	Wear personal protective equipment. Do not breathe vapors or spray mist. Do not get in
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eyes, on skin, or on clothing. Use only under a chemical fume hood. Do not ingest. Keep away from open flames, hot surfaces and sources of ignition. Use only non-sparking tools. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Take precautionary measures against static discharges.

**Storage**

Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Flammables area.

## 8. Exposure controls / personal protection

**Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH
Methyl alcohol	TWA: 200 ppm STEL: 250 ppm Skin	(Vacated) TWA: 200 ppm (Vacated) TWA: 260 mg/m <sup>3</sup> (Vacated) STEL: 250 ppm (Vacated) STEL: 325 mg/m <sup>3</sup> Skin TWA: 200 ppm TWA: 260 mg/m <sup>3</sup>	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm STEL: 250 ppm STEL: 325 mg/m <sup>3</sup>

Component	Quebec	Mexico OEL (TWA)	Ontario TWAEV
Methyl alcohol	TWA: 200 ppm TWA: 262 mg/m <sup>3</sup> STEL: 250 ppm STEL: 328 mg/m <sup>3</sup> Skin	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm STEL: 310 mg/m <sup>3</sup>	TWA: 200 ppm STEL: 250 ppm Skin

*Legend*

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NIOSH IDLH: The National Institute for Occupational Safety and Health Immediately Dangerous to Life or Health

**Engineering Measures**

Use only under a chemical fume hood. Use explosion-proof electrical/ventilating/lighting/equipment. Ensure that eyewash stations and safety showers are close to the workstation location.

**Personal Protective Equipment****Eye/face Protection**

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin and body protection**

Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory Protection**

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Hygiene Measures**

When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

## 9. Physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Colorless
<b>Odor</b>	Alcohol-like
<b>Odor Threshold</b>	No information available
<b>pH</b>	Not applicable
<b>Melting Point/Range</b>	-98 °C / -144.4 °F
<b>Boiling Point/Range</b>	64.7 °C / 148.5 °F @ 760 mmHg
<b>Flash Point</b>	12 °C / 53.6 °F

Evaporation Rate	5.2 (ether = 1)
Flammability (solid,gas)	Not applicable
Flammability or explosive limits	
Upper	31.00 vol %
Lower	6.0 vol %
Vapor Pressure	128 hPa @ 20 °C
Vapor Density	1.11
Specific Gravity	0.791
Solubility	Miscible with water
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	455 °C / 851 °F
Decomposition Temperature	No information available
Viscosity	0.55 cP at 20 °C
Molecular Formula	C H4 O
Molecular Weight	32.04
VOC Content(%)	100
Surface tension	0.02255 N/m @ 20°C

## 10. Stability and reactivity

<b>Reactive Hazard</b>	None known, based on information available
<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Incompatible products. Heat, flames and sparks. Keep away from open flames, hot surfaces and sources of ignition.
<b>Incompatible Materials</b>	Strong oxidizing agents, Strong acids, Acid anhydrides, Acid chlorides, Strong bases, Metals, Peroxides
<b>Hazardous Decomposition Products</b>	Carbon monoxide (CO), Formaldehyde
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous Reactions</b>	None under normal processing.

## 11. Toxicological information

### Acute Toxicity

#### Product Information Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Methyl alcohol	Calc. ATE 60 mg/kg LD50 > 1187 – 2769 mg/kg ( Rat )	Calc. ATE 60 mg/kg LD50 = 17100 mg/kg ( Rabbit )	Calc. ATE 0.6 mg/L (vapours) or <b>0.5 mg/L (mists)</b> LC50 = 128.2 mg/L ( Rat ) 4 h

**Toxicologically Synergistic Products** Carbon tetrachloride

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Irritation</b>	May cause skin and eye irritation
<b>Sensitization</b>	No information available
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Methyl alcohol	67-56-1	Not listed	Not listed	Not listed	Not listed	Not listed

**Mutagenic Effects** No information available

**Reproductive Effects** Experiments have shown reproductive toxicity effects on laboratory animals.

<b>Developmental Effects</b>	Developmental effects have occurred in experimental animals. Component substance is listed on California Proposition 65 as a developmental hazard.
<b>Teratogenicity</b>	Teratogenic effects have occurred in experimental animals.
<b>STOT - single exposure</b>	Optic nerve
<b>STOT - repeated exposure</b>	Kidney Liver spleen Blood
<b>Aspiration hazard</b>	No information available
<b>Symptoms / effects, both acute and delayed</b>	May cause blindness: Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting
<b>Endocrine Disruptor Information</b>	No information available
<b>Other Adverse Effects</b>	The toxicological properties have not been fully investigated.

## 12. Ecological information

### Ecotoxicity

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Methyl alcohol	Not listed	Pimephales promelas: LC50 > 10000 mg/L 96h	EC50 = 39000 mg/L 25 min EC50 = 40000 mg/L 15 min EC50 = 43000 mg/L 5 min	EC50 > 10000 mg/L 24h

**Persistence and Degradability** Persistence is unlikely based on information available.  
**Bioaccumulation/ Accumulation** No information available.

**Mobility** Will likely be mobile in the environment due to its volatility.

Component	log Pow
Methyl alcohol	-0.74

## 13. Disposal considerations

**Waste Disposal Methods** Should not be released into the environment.

Component	RCRA - U Series Wastes	RCRA - P Series Wastes
Methyl alcohol - 67-56-1	U154	-

## 14. Transport information

### DOT

**UN-No** UN1230  
**Proper Shipping Name** METHANOL  
**Hazard Class** 3  
**Packing Group** II

### TDG

**UN-No** UN1230  
**Proper Shipping Name** METHANOL  
**Hazard Class** 3  
**Subsidiary Hazard Class** 6.1  
**Packing Group** II

### IATA

**UN-No** UN1230  
**Proper Shipping Name** METHANOL  
**Hazard Class** 3  
**Subsidiary Hazard Class** 6.1  
**Packing Group** II

### IMDG/IMO

**UN-No** UN1230



Proper Shipping Name METHANOL  
 Hazard Class 3  
 Subsidiary Hazard Class 6.1  
 Packing Group II

## 15. Regulatory information

All of the components in the product are on the following Inventory lists: Complete Regulatory Information contained in following SDS's. Australia China Canada Europe TSCA Korea Philippines Japan

### International Inventories

Component	TSCA	DSL	NDSL	EINECS	ELINCS	NLP	PICCS	ENCS	AICS	IECSC	KECL
Methyl alcohol	X	X	-	200-659-6	-		X	X	X	X	X

#### Legend:

X - Listed

E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA.

F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.

N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.

P - Indicates a commenced PMN substance

R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.

S - Indicates a substance that is identified in a proposed or final Significant New Use Rule

T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.

XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B)).

Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater.

Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

### U.S. Federal Regulations

TSCA 12(b) Not applicable

#### SARA 313

Component	CAS-No	Weight %	SARA 313 - Threshold Values %
Methyl alcohol	67-56-1	>95	1.0

#### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act) Not applicable

#### Clean Air Act

Component	HAPS Data	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Methyl alcohol	X		-

OSHA Occupational Safety and Health Administration  
 Not applicable

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Component	Hazardous Substances RQs	CERCLA EHS RQs
Methyl alcohol	5000 lb	-

California Proposition 65 This product contains the following proposition 65 chemicals

Component	CAS-No	California Prop. 65	Prop 65 NSRL	Category
Methyl alcohol	67-56-1	Developmental	-	Developmental

#### U.S. State Right-to-Know Regulations

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Methyl alcohol	X	X	X	X	X

#### U.S. Department of Transportation

Reportable Quantity (RQ): Y  
 DOT Marine Pollutant N  
 DOT Severe Marine Pollutant N

#### U.S. Department of Homeland Security

This product does not contain any DHS chemicals.

#### Other International Regulations

Mexico - Grade Serious risk, Grade 3

#### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class B2 Flammable liquid  
 D1A Very toxic materials  
 D2A Very toxic materials



### 16. Other information

Prepared By Regulatory Affairs  
 Thermo Fisher Scientific  
 Email: EMSDS.RA@thermofisher.com

Creation Date 27-Apr-2009  
 Revision Date 03-Mar-2016  
 Print Date 03-Mar-2016

Revision Summary This document has been updated to comply with the US OSHA HazCom 2012 Standard replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**

# SAFETY DATA SHEET

According to US Regulation 29 CFR 1910.1200 (HazCom 2012)

**1. Identification**

**Product identifier:** Methyl Isobutyl Ketone

**Other means of identification**

**Product No.:** 9212, 4855, 6247, 5923, 5384, 9405, 9322

**Recommended restrictions**

**Recommended use:** For Laboratory, Research or Manufacturing Use.

**Restrictions on use:** Not determined.

**Details of the supplier of the safety data sheet**

**Manufacturer**

Company Name: Avantor Performance Materials, LLC.  
Address: 3477 Corporate Parkway  
Center Valley, PA 18034

Telephone: Customer Service: 855-282-6867

Fax: 610-573-2610  
Contact Person: Environmental Health & Safety  
E-mail: info@avantormaterials.com

**Emergency telephone number:**

CHEMTREC: 1-800-424-9300 within US and Canada

**2. Hazard(s) identification**

**Hazard Classification**

**Physical Hazards**

Flammable liquids	Category 2
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**Health Hazards**

Acute toxicity (Inhalation - vapor)	Category 4
Serious Eye Damage/Eye Irritation	Category 2A
Carcinogenicity	Category 2
Specific Target Organ Toxicity - Single Exposure	Category 3 <sup>1</sup>

**Target Organs**

1. Respiratory tract irritation., Narcotic effect.

**Unknown toxicity - Health**

Acute toxicity, inhalation, vapor	0 %
Acute toxicity, inhalation, dust or mist	100 %

**Label Elements**

**Hazard Symbol:**



**Signal Word:**

Danger

**Hazard Statement:**

Highly flammable liquid and vapor.  
Causes serious eye irritation.  
Harmful if inhaled.  
May cause respiratory irritation.  
Suspected of causing cancer.  
May cause flash fire or explosion.  
Sparks may ignite liquid and vapor.  
Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment.

**Precautionary Statements**

**Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof [electrical/ventilating/lighting] equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

**Response:**

IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Call a POISON CENTER/doctor if you feel unwell. In case of fire: Use water spray, foam, dry powder or carbon dioxide for extinction.

**Storage:**

Store in a well-ventilated place. Keep cool. Store locked up. Keep container tightly closed.

**Disposal:**

Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Hazard(s) not otherwise classified (HNOC):**

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

**3. Composition/information on ingredients**

## Substances

Chemical Identity	CAS number	Content in percent (%)*
Methyl isobutyl ketone	108-10-1	90 - 100%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 4. First-aid measures

<b>General information:</b>	Get medical advice/attention if you feel unwell. Show this safety data sheet to the doctor in attendance.
<b>Ingestion:</b>	Rinse mouth. Call a POISON CENTER/doctor if you feel unwell.
<b>Inhalation:</b>	Move to fresh air. Call a POISON CENTER/doctor if you feel unwell.
<b>Skin Contact:</b>	Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.
<b>Eye contact:</b>	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Call a physician or poison control center immediately.

### Most important symptoms/effects, acute and delayed

<b>Symptoms:</b>	Irritating to eyes, respiratory system and skin.
<b>Hazards:</b>	None known.

### Indication of immediate medical attention and special treatment needed

<b>Treatment:</b>	Treat symptomatically. Symptoms may be delayed.
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## 5. Fire-fighting measures

**General Fire Hazards:** Flammable liquid and vapor.

### Suitable (and unsuitable) extinguishing media

<b>Suitable extinguishing media:</b>	Water spray, foam, dry powder or carbon dioxide.
<b>Unsuitable extinguishing media:</b>	Avoid water in straight hose stream; will scatter and spread fire.

**Specific hazards arising from the chemical:** Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations. Heat may cause the containers to explode.

### Special protective equipment and precautions for firefighters

**Special fire fighting procedures:** Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

**Special protective equipment for fire-fighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unauthorized personnel away. Keep upwind. Use personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. See Section 8 of the SDS for Personal Protective Equipment.

**Methods and material for containment and cleaning up:** In case of leakage, eliminate all ignition sources. Take precautionary measures against static discharges. Stop leak if possible without any risk. Use non-sparking tools. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Clean surface thoroughly to remove residual contamination. Dike far ahead of larger spill for later recovery and disposal.

**Notification Procedures:** Prevent entry into waterways, sewer, basements or confined areas. Inform authorities if large amounts are involved.

**Environmental Precautions:** Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

## 7. Handling and storage

**Precautions for safe handling:** DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take precautionary measures against static discharges. Ground and bond container and receiving equipment. Use explosion-proof [electrical/ventilating/lighting] equipment. Use non-sparking tools. Wear protective gloves/protective clothing/eye protection/face protection. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Wash hands thoroughly after handling.

**Conditions for safe storage, including any incompatibilities:** Keep away from food, drink and animal feeding stuffs. Keep container tightly closed in a cool, well-ventilated place. Ground container and transfer equipment to eliminate static electric sparks. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
Methyl isobutyl ketone	TWA	20 ppm	US. ACGIH Threshold Limit Values (2011)
	STEL	75 ppm	US. ACGIH Threshold Limit Values (2011)
	STEL	75 ppm 300 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	REL	50 ppm 205 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	100 ppm 410 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	50 ppm 205 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	75 ppm 300 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000)

				(1989)
	TWA	50 ppm	205 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	STEL	75 ppm	300 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	ST ESL	Health	820 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	ST ESL	Health	200 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	AN ESL	Health	20 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	AN ESL	Health	82 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)
	TWA PEL	50 ppm	205 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (08 2010)
	STEL	75 ppm	300 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (08 2010)

### Biological Limit Values

Chemical Identity	Exposure Limit Values	Source
Methyl isobutyl ketone (methyl isobutyl ketone: Sampling time: End of shift.)	1 mg/l (Urine)	ACGIH BEI (03 2013)

### Appropriate Engineering Controls

No data available.

### Individual protection measures, such as personal protective equipment

**General information:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. An eye wash and safety shower must be available in the immediate work area. Use explosion-proof ventilation equipment.

**Eye/face protection:** Wear safety glasses with side shields (or goggles). Wear safety glasses with side shields (or goggles) and a face shield.

#### Skin Protection

##### Hand Protection:

Wear protective gloves.

##### Other:

Wear suitable protective clothing.

### Respiratory Protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

### Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

## 9. Physical and chemical properties

**Appearance**

<b>Physical state:</b>	Liquid
<b>Form:</b>	Liquid
<b>Color:</b>	Colorless
<b>Odor:</b>	Characteristic
<b>Odor threshold:</b>	No data available.
<b>pH:</b>	No data available.
<b>Melting point/freezing point:</b>	-85 - -84 °C
<b>Initial boiling point and boiling range:</b>	116 - 118 °C
<b>Flash Point:</b>	15 - 23 °C (Closed Cup)
<b>Evaporation rate:</b>	5.6 ether=1
<b>Flammability (solid, gas):</b>	Class IB Flammable Liquid
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Flammability limit - upper (%):</b>	12 %(V)
<b>Flammability limit - lower (%):</b>	1 %(V)
<b>Explosive limit - upper (%):</b>	No data available.
<b>Explosive limit - lower (%):</b>	No data available.
<b>Vapor pressure:</b>	2.65 kPa (20 °C) 2.64 kPa (25 °C)
<b>Vapor density:</b>	3.5 (Air=1)
<b>Density:</b>	0.80 g/ml (20 °C)
<b>Relative density:</b>	0.8042 (20 °C)
<b>Solubility(ies)</b>	
<b>Solubility in water:</b>	19 g/l (25 °C)
<b>Solubility (other):</b>	ethanol: Miscible ether: Miscible acetone: Miscible benzene: Miscible chloroform: Miscible
<b>Partition coefficient (n-octanol/water):</b>	1.31
<b>Auto-ignition temperature:</b>	448 - 460 °C
<b>Decomposition temperature:</b>	No data available.
<b>Viscosity:</b>	No data available.
<b>Other information</b>	
<b>Liquid conductivity:</b>	0.05 - 0.52 µS/cm
<b>Molecular weight:</b>	100.16 g/mol (C6H12O)

<b>10. Stability and reactivity</b>
-------------------------------------

<b>Reactivity:</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid:</b>	Heat, sparks, flames. Contact with incompatible materials. Exposure to air.
<b>Incompatible Materials:</b>	Strong oxidizing agents. Strong acids.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition may release oxides of carbon.



**11. Toxicological information**

**Information on likely routes of exposure**

- Inhalation:** Harmful if inhaled.
- Skin Contact:** Causes mild skin irritation.
- Eye contact:** Causes serious eye irritation.
- Ingestion:** May be harmful if swallowed.

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

- Oral**
- Product:** LD 50 (Rat): 2,080 mg/kg
- Dermal**
- Product:** LD 50 (Rabbit) > 16,000 mg/kg
- Inhalation**
- Product:** LC 50 (Rat, 4 h) 12.4 mg/l

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** Causes mild skin irritation.

**Serious Eye Damage/Eye Irritation**

**Product:** Causes serious eye irritation.

**Respiratory or Skin Sensitization**

**Product:** Not a skin sensitizer.

**Carcinogenicity**

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

Methyl isobutyl ketone      Overall evaluation: 2B. Possibly carcinogenic to humans.

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**  
**Product:** No mutagenic components identified

**In vivo**  
**Product:** No mutagenic components identified

**Reproductive toxicity**  
**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**  
**Product:** Respiratory tract irritation.

**Specific Target Organ Toxicity - Repeated Exposure**  
**Product:** No data available.

**Target Organs**  
Specific Target Organ Toxicity - Single Exposure: Respiratory tract irritation., Narcotic effect.

**Aspiration Hazard**  
**Product:** Not classified

**Other effects:** None known.

<b>12. Ecological information</b>
-----------------------------------

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**  
**Product:** No data available.

**Specified substance(s):**  
Methyl isobutyl ketone  
LC 50 (Fathead minnow (Pimephales promelas), 96 h): 496 - 522 mg/l  
LC 50 (Danio rerio, 96 h): > 179 mg/l  
NOAEL (Danio rerio, 96 h): >= 179 mg/l  
LOAEL (Danio rerio, 96 h): > 179 mg/l

**Aquatic Invertebrates**  
**Product:** No data available.

**Specified substance(s):**  
Methyl isobutyl ketone  
LOAEL (Daphnia magna, 48 h): >= 200 mg/l  
EC 50 (Daphnia magna, 48 h): > 200 mg/l  
NOAEL (Daphnia magna, 48 h): >= 200 mg/l

**Chronic hazards to the aquatic environment:**

**Fish**  
**Product:** No data available.

**Aquatic Invertebrates**  
**Product:** No data available.

**Specified substance(s):**

Methyl isobutyl ketone  
NOAEL (Daphnia magna, 21 d): 30 - 78 mg/l  
LOAEL (Daphnia magna, 21 d): 64 - 625 mg/l

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** There are no data on the degradability of this product.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available on bioaccumulation.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** Log Kow: 1.31

**Mobility in soil:**

The product is partly soluble in water. May spread in the aquatic environment.

**Other adverse effects:**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

<b>13. Disposal considerations</b>
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**Disposal instructions:**

Discharge, treatment, or disposal may be subject to national, state, or local laws.

**Contaminated Packaging:**

Since emptied containers retain product residue, follow label warnings even after container is emptied.

<b>14. Transport information</b>
----------------------------------

**DOT**

UN Number:	UN 1245
UN Proper Shipping Name:	Methyl isobutyl ketone
Transport Hazard Class(es)	
Class:	3
Label(s):	3
Packing Group:	II
Marine Pollutant:	No

Special precautions for user: Not determined.

**IMDG**

UN Number: UN 1245  
 UN Proper Shipping Name: METHYL ISOBUTYL KETONE  
 Transport Hazard Class(es)  
   Class: 3  
   Label(s): 3  
   EmS No.: F-E, S-D  
 Packing Group: II  
 Marine Pollutant: No  
 Special precautions for user: Not determined.

**IATA**

UN Number: UN 1245  
 Proper Shipping Name: Methyl isobutyl ketone  
 Transport Hazard Class(es):  
   Class: 3  
   Label(s): 3  
 Packing Group: II  
 Marine Pollutant: No  
 Special precautions for user: Not determined.

**15. Regulatory information**

**US Federal Regulations**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Methyl isobutyl ketone	5000 lbs.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

- Flammable (gases, aerosols, liquids, or solids)
- Acute toxicity (any route of exposure)
- Serious eye damage or eye irritation
- Carcinogenicity
- Specific target organ toxicity (single or repeated exposure)
- Hazards Not Otherwise Classified (HNOC)

**SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

**SARA 304 Emergency Release Notification**

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Methyl isobutyl ketone	5000 lbs.

**SARA 311/312 Hazardous Chemical**

<u>Chemical Identity</u>	<u>Threshold Planning Quantity</u>
Methyl isobutyl ketone	10000 lbs.

**SARA 313 (TRI Reporting)**

<u>Chemical Identity</u>	<u>Reporting threshold for other users</u>	<u>Reporting threshold for manufacturing and processing</u>
Methyl isobutyl ketone	10000 lbs.	25000 lbs.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3):**

None present or none present in regulated quantities.

**US State Regulations**

**US. California Proposition 65**

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

Methyl isobutyl ketone	Carcinogenic.
Methyl isobutyl ketone	Developmental toxin.

**US. New Jersey Worker and Community Right-to-Know Act**

<u>Chemical Identity</u>
Methyl isobutyl ketone

**US. Massachusetts RTK - Substance List**

<u>Chemical Identity</u>
Methyl isobutyl ketone

**US. Pennsylvania RTK - Hazardous Substances**

<u>Chemical Identity</u>
Methyl isobutyl ketone

**US. Rhode Island RTK**

<u>Chemical Identity</u>
Methyl isobutyl ketone

**International regulations**

**Montreal protocol**

Not applicable

**Stockholm convention**

Not applicable

**Rotterdam convention**

Not applicable

**Kyoto protocol**

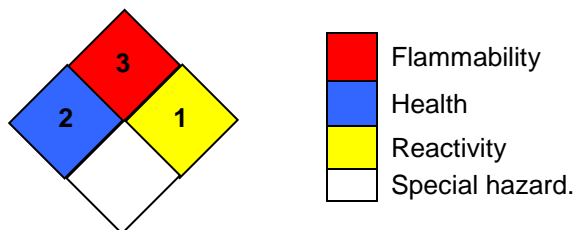
Not applicable

**Inventory Status:**

Australia AICS:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
EINECS, ELINCS or NLP:	On or in compliance with the inventory
Japan (ENCS) List:	On or in compliance with the inventory
China Inv. Existing Chemical Substances:	On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory
Philippines PICCS:	On or in compliance with the inventory
US TSCA Inventory:	On or in compliance with the inventory
New Zealand Inventory of Chemicals:	On or in compliance with the inventory
Japan ISHL Listing:	On or in compliance with the inventory
Mexico INSQ:	On or in compliance with the inventory
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory

**16. Other information, including date of preparation or last revision**

**NFPA Hazard ID**



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

<b>Issue Date:</b>	06-28-2018
<b>Revision Information:</b>	Not relevant.
<b>Version #:</b>	1.3
<b>Source of information:</b>	Sources of information used in preparing this SDS included one or more of the following: results from in house or supplier toxicology studies, information from the Toxicology Data Network (TOXNET), European Chemical Agency (ECHA) substance dossiers, IARC Monographs, US National Toxicology Program data, the Agency for Toxic Substances and Disease Registry, other manufacturer's SDSs and other sources, as appropriate.
<b>Further Information:</b>	No data available.

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# SAFETY DATA SHEET

## N-Butyl Alcohol

### Section 1. Identification

<b>GHS product identifier</b>	: N-Butyl Alcohol
<b>Chemical name</b>	: N-Butyl Alcohol
<b>Other means of identification</b>	: n-butanol; 1-Butanol; n-BUTYL ALCOHOL; n-BUTYL ALCOHE; n-Propyl carbinol; 1-Hydroxybutane; Butyl alcohol; 1-Butanol (I); n-Butyl alcohol (I); Normal butyl alcohol
<b>Product use</b>	: Synthetic/Analytical chemistry.
<b>Synonym</b>	: n-butanol; 1-Butanol; n-BUTYL ALCOHOL; n-BUTYL ALCOHE; n-Propyl carbinol; 1-Hydroxybutane; Butyl alcohol; 1-Butanol (I); n-Butyl alcohol (I); Normal butyl alcohol
<b>SDS #</b>	: 001157
<b>Supplier's details</b>	: Airgas USA, LLC and its affiliates 259 North Radnor-Chester Road Suite 100 Radnor, PA 19087-5283 1-610-687-5253
<b>24-hour telephone</b>	: 1-866-734-3438

### Section 2. Hazards identification

<b>OSHA/HCS status</b>	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
<b>Classification of the substance or mixture</b>	: FLAMMABLE LIQUIDS - Category 3 SKIN IRRITATION - Category 2 SERIOUS EYE DAMAGE - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

#### GHS label elements

##### **Hazard pictograms**



##### **Signal word**

: Danger

##### **Hazard statements**

: Flammable liquid and vapor.  
May form explosive mixtures in Air.  
Causes serious eye damage.  
Causes skin irritation.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.

#### Precautionary statements

##### **General**

: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

##### **Prevention**

: Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash hands thoroughly after handling.



## Section 2. Hazards identification

- Response** : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
- Storage** : Store locked up. Store in a well-ventilated place. Keep cool.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Substance
- Chemical name** : N-Butyl Alcohol
- Other means of identification** : n-butanol; 1-Butanol; n-BUTYL ALCOHOL; n-BUTYL ALCOHE; n-Propyl carbinol; 1-Hydroxybutane; Butyl alcohol; 1-Butanol (I); n-Butyl alcohol (I); Normal butyl alcohol

### CAS number/other identifiers

- CAS number** : 71-36-3
- Product code** : 001157

Ingredient name	%	CAS number
n-butyl alcohol	100	71-36-3

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Section 4. First aid measures

- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.
- Skin contact** : Causes skin irritation.
- Frostbite** : Try to warm up the frozen tissues and seek medical attention.
- Ingestion** : Can cause central nervous system (CNS) depression.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:., pain, watering, redness
- Inhalation** : Adverse symptoms may include the following:., respiratory tract irritation, coughing, nausea or vomiting, headache, drowsiness/fatigue, dizziness/vertigo, unconsciousness
- Skin contact** : Adverse symptoms may include the following:., pain or irritation, redness, blistering may occur
- Ingestion** : Adverse symptoms may include the following:., stomach pains

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

## Section 5. Fire-fighting measures

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
n-butyl alcohol	<p><b>ACGIH TLV (United States, 3/2016).</b> TWA: 20 ppm 8 hours.</p> <p><b>NIOSH REL (United States, 10/2016).</b> <b>Absorbed through skin.</b> CEIL: 150 mg/m<sup>3</sup> CEIL: 50 ppm</p> <p><b>OSHA PEL (United States, 6/2016).</b> TWA: 300 mg/m<sup>3</sup> 8 hours. TWA: 100 ppm 8 hours.</p> <p><b>OSHA PEL 1989 (United States, 3/1989).</b> <b>Absorbed through skin.</b> CEIL: 150 mg/m<sup>3</sup> CEIL: 50 ppm</p>

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

## Section 8. Exposure controls/personal protection

- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid. [Watery liquid.]
- Color** : Colorless.
- Molecular weight** : 74.14 g/mole
- Molecular formula** : C<sub>4</sub>H<sub>10</sub>O
- Boiling/condensation point** : 119°C (246.2°F)
- Melting/freezing point** : <-90°C (<-130°F)
- Critical temperature** : 289.85°C (553.7°F)
- Odor** : Characteristic.
- Odor threshold** : Not available.
- pH** : Not available.
- Flash point** : Closed cup: 35°C (95°F)
- Burning time** : Not applicable.
- Burning rate** : Not applicable.
- Evaporation rate** : 0.44 (butyl acetate = 1)
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Lower: 1.4%  
Upper: 11.3%
- Vapor pressure** : <1 kPa (<7.5 mm Hg) [room temperature]
- Vapor density** : 2.6 (Air = 1)
- Specific Volume (ft<sup>3</sup>/lb)** : 1.2353
- Gas Density (lb/ft<sup>3</sup>)** : 0.8095 (20°C / 68 to °F)
- Relative density** : 0.81
- Solubility** : Not available.
- Solubility in water** : 66 g/l
- Partition coefficient: n-octanol/water** : 1
- Auto-ignition temperature** : 355°C (671°F)
- Decomposition temperature** : Not available.
- SADT** : Not available.
- Viscosity** : Dynamic (room temperature): 2.95 mPa·s (2.95 cP)

## Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
- Incompatible materials** : Reactive or incompatible with the following materials:  
oxidizing materials
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Hazardous polymerization** : Under normal conditions of storage and use, hazardous polymerization will not occur.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
n-butyl alcohol	LC50 Inhalation Gas.	Rat	16000 ppm	1 hours
	LC50 Inhalation Vapor	Rat	24000 mg/m <sup>3</sup>	4 hours
	LD50 Dermal	Rabbit	3400 mg/kg	-
	LD50 Oral	Rat	790 mg/kg	-

**IDLH** : 1400 ppm

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
n-butyl alcohol	Eyes - Severe irritant	Rabbit	-	24 hours 2 milligrams	-
	Eyes - Severe irritant	Rabbit	-	0.005 Milliliters	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20 milligrams	-

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

## Section 11. Toxicological information

Name	Category	Route of exposure	Target organs
n-butyl alcohol	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Inhalation.

### Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.
- Skin contact** : Causes skin irritation.
- Ingestion** : Can cause central nervous system (CNS) depression.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following: pain, watering, redness
- Inhalation** : Adverse symptoms may include the following: respiratory tract irritation, coughing, nausea or vomiting, headache, drowsiness/fatigue, dizziness/vertigo, unconsciousness
- Skin contact** : Adverse symptoms may include the following: pain or irritation, redness, blistering may occur
- Ingestion** : Adverse symptoms may include the following: stomach pains

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

- General** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.



## Section 11. Toxicological information

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
n-butyl alcohol	Acute EC50 1983000 to 2072000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 1910000 µg/l Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hours

### Persistence and degradability

Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
n-butyl alcohol	1	-	low

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.






### United States - RCRA Toxic hazardous waste "U" List

Ingredient	CAS #	Status	Reference number
1-Butanol (l); n-Butyl alcohol (l)	71-36-3	Listed	U031

## Section 14. Transport information



## Section 14. Transport information

	DOT	TDG	Mexico	IMDG	IATA
UN number	UN1120	UN1120	UN1120	UN1120	UN1120
UN proper shipping name	Butanols	Butanols	Butanols	BUTANOLS	BUTANOLS
Transport hazard class(es)	3 	3 	3 	3 	3 
Packing group	III	III	III	III	III
Environment	No.	No.	No.	No.	No.
Additional information	<p><b>Reportable quantity</b> 5000 lbs / 2270 kg [740.79 gal / 2804.2 L] Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.</p>	<p>Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3).</p> <p><b>Explosive Limit and Limited Quantity Index</b> 1</p> <p><b>Passenger Carrying Road or Rail Index</b> 5</p>	-	-	-

“Refer to CFR 49 (or authority having jurisdiction) to determine the information required for shipment of the product.”

**Special precautions for user** : **Transport within user’s premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL and the IBC Code** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : TSCA 8(a) CDR Exempt/Partial exemption: Not determined  
United States inventory (TSCA 8b): This material is listed or exempted.

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

### SARA 302/304

#### Composition/information on ingredients

No products were found.

## Section 15. Regulatory information

**SARA 304 RQ** : Not applicable.

**SARA 311/312**

**Classification** : Refer to Section 2: Hazards Identification of this SDS for classification of substance.

**SARA 313**

	Product name	CAS number	%
Form R - Reporting requirements	N-Butyl Alcohol	71-36-3	100
Supplier notification	N-Butyl Alcohol	71-36-3	100

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

**State regulations**

**Massachusetts** : This material is listed.  
**New York** : This material is listed.  
**New Jersey** : This material is listed.  
**Pennsylvania** : This material is listed.

**International regulations**

**International lists**

**National inventory**

**Australia** : This material is listed or exempted.  
**Canada** : This material is listed or exempted.  
**China** : This material is listed or exempted.  
**Europe** : This material is listed or exempted.  
**Japan** : **Japan inventory (ENCS)**: This material is listed or exempted.  
**Japan inventory (ISHL)**: This material is listed or exempted.  
**Malaysia** : This material is listed or exempted.  
**New Zealand** : This material is listed or exempted.  
**Philippines** : This material is listed or exempted.  
**Republic of Korea** : This material is listed or exempted.  
**Taiwan** : This material is listed or exempted.

**Canada**

**WHMIS (Canada)** : Class B-2: Flammable liquid  
Class D-2B: Material causing other toxic effects (Toxic).  
**CEPA Toxic substances**: This material is not listed.  
**Canadian ARET**: This material is not listed.  
**Canadian NPRI**: This material is listed.  
**Alberta Designated Substances**: This material is not listed.  
**Ontario Designated Substances**: This material is not listed.  
**Quebec Designated Substances**: This material is not listed.

## Section 16. Other information

**Canada Label requirements** : Class B-2: Flammable liquid  
Class D-2B: Material causing other toxic effects (Toxic).

**Hazardous Material Information System (U.S.A.)**

Health	*	2
Flammability		3
Physical hazards		0

## Section 16. Other information

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

### [National Fire Protection Association \(U.S.A.\)](#)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

### [Procedure used to derive the classification](#)

Classification	Justification
Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 STOT SE 3, H336	Expert judgment Expert judgment Expert judgment Expert judgment Expert judgment

### [History](#)

**Date of printing** : 8/14/2017

**Date of issue/Date of revision** : 8/14/2017

**Date of previous issue** : 4/21/2016

**Version** : 0.02

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
UN = United Nations

**References** : Not available.

☑ Indicates information that has changed from previously issued version.

### [Notice to reader](#)

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



# SAFETY DATA SHEET

Revision Date: 26-Jun-2018

Revision Number: 4

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** XYLENE  
**Product Code** V703-00  
**Alternate Product Code** V70300  
**Product Class** PAINT THINNER  
**Color** Clear  
**Recommended use** Industrial paint  
**Restrictions on use** No information available

**Manufacturer** Benjamin Moore & Co.  
101 Paragon Drive  
Montvale, NJ 07645  
Phone: 1-866-708-9180  
corotechcoatings.com

**Emergency Telephone**  
CHEMTREC (US): 800-424-9300  
CHEMTREC (outside US): (703)-527-3887

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable liquids	Category 3

### Label elements

#### Danger

#### Hazard statements

Harmful in contact with skin  
Harmful if inhaled

Causes skin irritation  
Causes serious eye irritation  
Suspected of causing cancer  
May cause respiratory irritation  
May cause damage to organs through prolonged or repeated exposure  
May be fatal if swallowed and enters airways  
Flammable liquid and vapor



**Appearance** liquid

**Odor** solvent

#### **Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Use only outdoors or in a well-ventilated area  
Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection  
Do not breathe dust/fume/gas/mist/vapors/spray  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof electrical/ventilating/lighting/equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Keep cool

#### **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

##### **Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

##### **Skin**

Call a POISON CENTER or doctor/physician if you feel unwell

If skin irritation occurs: Get medical advice/attention

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse

##### **Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

##### **Ingestion**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Do NOT induce vomiting

##### **Fire**

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

#### **Precautionary Statements - Storage**

Store locked up  
Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other information**

No information available

### 3. COMPOSITION INFORMATION ON COMPONENTS

Chemical name	CAS No.	Weight-%
Xylene	1330-20-7	80
Ethyl benzene	100-41-4	25

### 4. FIRST AID MEASURES

**Description of first aid measures**

<b>General Advice</b>	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists, consult a specialist.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. Call a physician immediately.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician.
<b>Protection Of First-Aiders</b>	Use personal protective equipment.
<b>Most Important Symptoms/Effects</b>	No information available.
<b>Notes To Physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Vapors may travel considerable distance to a source of ignition and flash back. Vapors may cause flash fire.
<b>Suitable Extinguishing Media</b>	Foam, dry powder or water. Use extinguishing measures

	that are appropriate to local circumstances and the surrounding environment.
<b>Protective Equipment And Precautions For Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Hazardous combustion products</b>	Burning may result in carbon dioxide, carbon monoxide and other combustion products of varying composition which may be toxic and/or irritating.
<b>Specific Hazards Arising From The Chemical</b>	Flammable. Flash back possible over considerable distance. Keep product and empty container away from heat and sources of ignition. Closed containers may rupture if exposed to fire or extreme heat. Thermal decomposition can lead to release of irritating gases and vapors.
<b>Sensitivity To Mechanical Impact</b>	No
<b>Sensitivity To Static Discharge</b>	Yes
<b>Flash Point Data</b>	
Flash Point (°F)	80
Flash Point (°C)	27
Method	PMCC
<b>Flammability Limits In Air</b>	
Lower flammability limit:	Not available
Upper flammability limit:	Not available

**NFPA**    **Health:** 2                      **Flammability:** 3                      **Instability:** 0                      **Special:** Not Applicable

#### NFPA Legend

0 - Not Hazardous

1 - Slightly

2 - Moderate

3 - High

4 - Severe

*The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.*

*Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at [www.nfpa.org](http://www.nfpa.org).*

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Remove all sources of ignition. Take precautions to prevent flashback. Ground and bond all containers and handling equipment. Take precautionary measures against static discharges. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Use personal protective equipment.
<b>Other Information</b>	Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be

advised if significant spillages cannot be contained.

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods for Cleaning Up** Dam up. Soak up with inert absorbent material. Use a non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

**Handling** Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not breathe vapors or spray mist. Use only in ventilated areas. Prevent vapor build-up by providing adequate ventilation during and after use.

Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Ignition and/or flash back may occur.

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children.

**Incompatible Materials** Incompatible with strong acids and bases and strong oxidizing agents.

**Technical measures/Precautions** Ensure adequate ventilation. Use only where airflow will keep vapors from building up in or near the work area in adjoining rooms. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing and disposal of flammable liquids.

Dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. All equipment should be non-sparking and explosion proof. Use explosion proof electrical equipment for ventilation, lighting and material handling.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL
Xylene	100 ppm - TWA 150 ppm - STEL	100 ppm - TWA 435 mg/m <sup>3</sup> - TWA
Ethyl benzene	20 ppm - TWA	100 ppm - TWA 435 mg/m <sup>3</sup> - TWA

### Legend

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA - Occupational Safety & Health Administration Exposure Limits

N/E - Not Established

### Appropriate engineering controls



<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Safety glasses with side-shields. If splashes are likely to occur, wear:. Tightly fitting safety goggles.
<b>Skin Protection</b>	Long sleeved clothing. Protective gloves.
<b>Respiratory Protection</b>	Use only with adequate ventilation. In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions. When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified for paint spray or organic vapors.
<b>Hygiene Measures</b>	Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	liquid
<b>Odor</b>	solvent
<b>Odor Threshold</b>	No information available
<b>Density (lbs/gal)</b>	7.2 - 7.3
<b>Specific Gravity</b>	0.86 - 0.88
<b>pH</b>	No information available
<b>Viscosity (cps)</b>	No information available
<b>Solubility(ies)</b>	No information available
<b>Water solubility</b>	No information available
<b>Evaporation Rate</b>	No information available
<b>Vapor pressure @20 °C (kPa)</b>	No information available
<b>Vapor density</b>	No information available
<b>Wt. % Solids</b>	0 - 10
<b>Vol. % Solids</b>	0 - 10
<b>Wt. % Volatiles</b>	90 - 100
<b>Vol. % Volatiles</b>	90 - 100
<b>VOC Regulatory Limit (g/L)</b>	Not applicable
<b>Boiling Point (°F)</b>	278
<b>Boiling Point (°C)</b>	137
<b>Freezing Point (°F)</b>	No information available
<b>Freezing Point (°C)</b>	No information available
<b>Flash Point (°F)</b>	80
<b>Flash Point (°C)</b>	27
<b>Method</b>	PMCC
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper flammability limit:</b>	No information available
<b>Lower flammability limit:</b>	No information available
<b>Autoignition Temperature (°F)</b>	No information available
<b>Autoignition Temperature (°C)</b>	No information available
<b>Decomposition Temperature (°F)</b>	No information available
<b>Decomposition Temperature (°C)</b>	No information available
<b>Partition coefficient</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No data available
-------------------	-------------------

<b>Chemical Stability</b>	Stable under normal conditions. Hazardous polymerisation does not occur.
<b>Conditions to avoid</b>	Keep away from open flames, hot surfaces, static electricity and sources of ignition. Sparks. Elevated temperature.
<b>Incompatible Materials</b>	Incompatible with strong acids and bases and strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of irritating gases and vapors.
<b>Possibility of hazardous reactions</b>	None under normal conditions of use.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

#### Information on likely routes of exposure

**Principal Routes of Exposure** Eye contact, skin contact and inhalation.

#### Acute Toxicity

**Product Information** Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

#### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Eye contact</b>	Causes serious eye irritation. May cause redness, itching, and pain.
<b>Skin contact</b>	May cause skin irritation and/or dermatitis. Prolonged skin contact may defat the skin and produce dermatitis.
<b>Ingestion</b>	Harmful if swallowed. Ingestion may cause irritation to mucous membranes. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.
<b>Inhalation</b>	Harmful by inhalation. High vapor / aerosol concentrations are irritating to the eyes, nose, throat and lungs and may cause headaches, dizziness, drowsiness, unconsciousness, and other central nervous system effects.
<b>Sensitization</b>	No information available
<b>Neurological Effects</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>Target organ effects</b>	No information available.
<b>STOT - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure.
<b>STOT - single exposure</b>	May cause disorder and damage to the. Respiratory system.
<b>Other adverse effects</b>	No information available.

**Aspiration Hazard**

May be harmful if swallowed and enters airways. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 3502 mg/kg  
 ATEmix (dermal) 1391 mg/kg  
 ATEmix (inhalation-dust/mist) 1.9 mg/L

**Acute Toxicity****Component Information**Xylene

LD50 Oral: 4300 mg/kg (Rat)  
 LD50 Dermal: > 1700 mg/kg (Rabbit)  
 LC50 Inhalation (Vapor): 5000 ppm (Rat, 4 hr.)

Ethyl benzene

LD50 Oral: mg/kg (Rat)  
 LD50 Dermal: > mg/kg (Rabbit)  
 LC50 Inhalation (Vapor): mg/m<sup>3</sup> (Rat, 2 hr.)

**Carcinogenicity**

The information below indicates whether each agency has listed any ingredient as a carcinogen:.

Chemical name	IARC	NTP	OSHA
Ethyl benzene	2B - Possible Human Carcinogen		Listed

**Legend**

IARC - International Agency for Research on Cancer  
 NTP - National Toxicity Program  
 OSHA - Occupational Safety & Health Administration

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity Effects**

The environmental impact of this product has not been fully investigated.

**Product Information****Acute Toxicity to Fish**

No information available

**Acute Toxicity to Aquatic Invertebrates**

No information available

**Acute Toxicity to Aquatic Plants**

No information available

**Persistence / Degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility in Environmental Media**

No information available.

**Ozone**

Not applicable

**Component Information****Acute Toxicity to Fish**Xylene

LC50: 13.5 mg/L (Rainbow Trout - 96 hr.)

Ethyl benzene

LC50: 12.1 mg/L (Fathead Minnow - 96 hr.)

**Acute Toxicity to Aquatic Invertebrates**Ethyl benzene

EC50: 1.8 mg/L (Daphnia magna - 48 hr.)

**Acute Toxicity to Aquatic Plants**Ethyl benzene

EC50: 4.6 mg/L (Green algae (Scenedesmus subspicatus), 72 hrs.)

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with federal, state, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

**Empty Container Warning**

Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition.

**14. TRANSPORT INFORMATION****DOT**

<b>Proper Shipping Name</b>	XYLENES
<b>Hazard class</b>	3
<b>UN-No.</b>	UN1307
<b>Packing Group</b>	III
<b>Description</b>	UN1307, XYLENES, 3, III

**ICAO / IATA**

Contact the preparer for further information.

**IMDG / IMO**

Contact the preparer for further information.

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA: United States** Yes - All components are listed or exempt.  
**DSL: Canada** Yes - All components are listed or exempt.

**Federal Regulations****SARA 311/312 hazardous categorization**

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<u>Chemical name</u>	<u>CAS No.</u>	<u>Weight-%</u>	<u>CERCLA/SARA 313 (de minimis concentration)</u>
Xylene	1330-20-7	80	1.0
Ethyl benzene	100-41-4	25	0.1

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following HAPs:

<u>Chemical name</u>	<u>CAS No.</u>	<u>Weight-%</u>	<u>Hazardous Air Pollutant (HAP)</u>
Xylene	1330-20-7	80	Listed
Ethyl benzene	100-41-4	25	Listed

**US State Regulations****California Proposition 65**

 **WARNING:** Cancer and Reproductive Harm– [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

**State Right-to-Know**

<u>Chemical name</u>	<u>Massachusetts</u>	<u>New Jersey</u>	<u>Pennsylvania</u>
Xylene	X	X	X
Ethyl benzene	X	X	X
Toluene	X	X	X
Benzene	X	X	X

**Legend**

X - Listed

## 16. OTHER INFORMATION

**HMIS - Health: 2\* Flammability: 3 Reactivity: 0 PPE: -**

### HMIS Legend

0 - Minimal Hazard  
1 - Slight Hazard  
2 - Moderate Hazard  
3 - Serious Hazard  
4 - Severe Hazard  
\* - Chronic Hazard

X - Consult your supervisor or S.O.P. for "Special" handling instructions.

*Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.*

*Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.*

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**Prepared By** Product Stewardship Department  
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800-225-5554

**Revision Date:** 26-Jun-2018  
**Revision Summary** Not available

### Disclaimer

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**END OF SAFETY DATA SHEET**