August 23, 2017

Steven McCord  
President of McCord Environmental Inc.  
McCord Environmental Inc.  
759 Bianco Court,  
Davis, CA 95616

Subject: REPORT OF PHASE I ENVIRONMENTAL SITE ASSESSMENT  
Red Elephant Mine  
Middletown, California

Dear Mr. McCord,

Burleson Consulting Inc. (Burleson) is pleased to submit this report of our Phase I Environmental Site Assessment (ESA) for the above referenced property. The purpose of our work was to evaluate the potential environmental liability associated with historical mining activities, and to provide documentation that enables the EPA Brownfields Program to assert one of the CERCLA Landowner Liability Protections (LLPs) by completing all appropriate inquires.

This report is intended for the Coordinating Committee of the Westside Subregion of the Proposition 84 Sacramento River Funding Region (Westside CC) for Integrated Regional Water Management (IRWM) planning to fulfill environmental consulting services sought by the Westside CC under its U.S. Environmental Protection Agency (EPA) Brownfields Assessment Program grant—the Westside Brownfields Coalition Assessment Project (Project). The findings and recommendations presented herein are based upon the review of information, which was readily available at the time of our investigation, our interpretation of available data, and our experience on similar projects. The discovery of any additional information concerning the environmental conditions at the site should be reported to Burleson for review so that we can reassess potential environmental impacts and modify our recommendations, if necessary.

Burleson appreciates the opportunity to be of service to you. Please contact us if you have any questions or if we may be of further service.

Sincerely,

Gregory J. Reller  
Principal Geologist
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EXECUTIVE SUMMARY
Red Elephant Mine
Middletown, California

Burleson Consulting, Inc. (Burleson) performed a Phase I Environmental Site Assessment (ESA) of the Red Elephant Mine property near Middletown, California (target property) at the request of McCord Environmental, Inc. This study was performed under Grant No. 99T30301.

PROPERTY DESCRIPTION

The target property consists of one parcel (APN# 01301805) of mixed chaparral and burned over areas totaling about 101 acres, located roughly 12 miles east of Middletown, Lake County, California. The target property is located in Sections 3 and 4, Township 11 North, Range 5 West of the Mount Diablo Meridian (MDM).

INTERVIEW

On July 18, 2017, Burleson contacted Phil Moy with Lake County to coordinate a site visit and to inquire about the target property. Phil Moy only knew that the site had no access issues and was unaware of the property owner’s location or contact information.

SITE RECONNAISSANCE

At the time of the site reconnaissance the target property consisted of undeveloped vacant land. The property consists of sloping valleys and steep slopes covered with chaparral. Burleson observed unpaved roads cross cutting target property (Figure 1).

The topography of the northern portion of the target property slopes west toward Jericho Creek. Topography in the central portion of the target property consists of south and west oriented valleys draining to the west to Jericho Creek. Topography in the southern part of the target property slopes southeast, south and west towards tributaries to Jericho Creek.
The target property consists of one irregularly shaped parcel totaling about 101 acres and is located about 1 mile southwest of Knoxville Road, Lake County, California. The target property is located in Sections 3 and 4, Township 11 North, Range 5 West of the Mount Diablo Meridian (MDM).

A storage container was observed along the southeastern property boundary southeast of former Hoppy Lake (Figure 3).

Burleson observed two concrete pads in the center of the target property where the shaft symbol is located on the topographic map (Figure 2). The pads were located near a creek at a topographic low where the collapsed shaft could have been. Burleson also observed a concrete footing and old bottles and cans. These are consistent with structures located on the 1943, 1944, 1958, and 1978 topographic maps. Burleson also observed a small brick structure containing a metal tub, south of the concrete pads, that could have been a retort. Burleson also observed a rotary furnace used as a culvert near the center of the target property. Burleson also observed flat terraces located south of the concrete pads that could have been made with waste rock. Burleson also observed the location of former Hoppy Lake. Part of the dam had been removed and the lake was dry. A small camp site with a fire pit, and several piles of trash was observed near a storage container southeast of former Hoppy Lake along the property boundary. Burleson also observed disturbed areas in the mine pit, and north of the mine pit that consisted of piles of rock. Burleson also observed an open cut at the north end of the target property consisting of dark green serpentinite containing magnesite veins.

**HISTORICAL REVIEW**

Based on Burleson’s review of the historical literature, topographic maps and aerial photographs, the target property was developed with the Red Elephant Mine from 1929 until 1942, when operations ceased. In 1929, a 16 foot long rotary furnace was installed (Ransome et al., 1939). In 1942, a 20-ton rotary furnace was installed but operations were suspended that year (U.S. Bureau of Mines, 1965). The mine workings include a main shaft, numerous drifts and crosscuts, and several shafts which explored a shear zone for a length of about 400 feet over an inclined depth of 108 feet. Caving and flooding have made the underground openings inaccessible (U.S. Bureau of Mines, 1965). According to a Site Screening Assessment conducted by the Department of Toxic Substances Control (DTSC) in 2012, the target property was mined as a source of decorative serpentinite rock by the then current property owner from an unknown
time until 2005. Mining activities without County, State or Federal Permits occurred at the target property (California Regional Water Quality Control Board Central Valley Region [Regional Board], 2005).

The surrounding area has been primarily undeveloped land since at least 1937.

Burleson’s review of historical information did not indicate recognized environmental concerns (REC) other than those potentially associated with the Red Elephant Mine to the target property.

**RECORDS REVIEW**

Burleson’s review of available regulatory information indicated three RECs to the target property.

The target property appears on the SEMS listing. In July 2011 a Pre-CERCLIS Screening was conducted and completed in October 2012. The report stated that remedial work was conducted in late 2005 to address the threat posed by a failed dam on site containing former Hoppy Lake. The dam, which County of Lake staff estimated to be 75-80 feet long, 20 feet wide, and 20-25 feet high, had failed and sediment and debris was migrating downstream to Jericho Creek. The dam was leveled and the soil spread on site in a manner that would prevent its migration to the creek. A second phase of work which was designed to restore the creek has not been completed to date.

The target property appears on the ENVIROSTOR listing. As of September 2014, site status is inactive and needs evaluation. The potential contaminant of concern (COC) is acid mine drainage (pH <6.5) and mercury. The Regional Board issued a Clean-up and Abatement Order for Red Elephant Mine LLC in March of 2005 to clean up the erosion and sediment caused by the threatened failure of a poorly constructed dam.

The target property appears on the WMUD/SWAT listing. According to the listing, the target property had a primary waste type of “Designated/Influent of Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). ‘Manageable’ hazardous waste (E.G., inorganic salts and heavy metals) are included in this category. The status of the site is listed as Open with a Status Date of January 1965.
FINDINGS

Based on records search, interview, site reconnaissance, and other efforts related to the subject property, findings are as follows:

HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

One potential historical REC was identified and is associated with the historical mining at the Red Elephant Mine on the target property. There are flat terraces south of the historical shaft, as well as several disturbed areas north of the mine pit, that could potentially contain waste rock. In 2005, the California Department of Toxic Substances Control (DTSC) collected soil, sediment, plant, and water samples from the target property and analyzed them for mercury and methylmercury.

Total mercury results for sediment on the target property ranged from 31 mg/kg to 140 mg/kg, total mercury for water on the target property was <0.20 μg/L, and monomethyl mercury ranged from 2.72 ng/g to 11.8 ng/g for sediment, and was detected at 2.72 ng/L for water (DTSC, 2005). Although the soil total mercury concentrations are above the Environmental Protection Agency (EPA) Regional Screening Levels (RSL) of 10 mg/kg residential/43 mg/kg industrial, they are similar to mercury concentrations detected in natural soils within the region (Churchill and Clinkenbeard 2003). The sediment monomethyl mercury concentrations are below the US EPA RSL for residential soil of 7.8 ng/g and similar to concentrations observed at other inactive historical mine sites in the area such as the Helen Mine (Rytuba et al., 2008) and the Oat Hill Mine (Slowey et al., 2007).

RECOGNIZED ENVIRONMENTAL CONDITIONS

One potential REC was identified and is associated with the historical mining at the Red Elephant Mine on the target property. Several areas on the subject property, including north of the mine pit, and south of the historical shaft, appear to be disturbed by mining activity and could be mine waste containing mercury. Mercury has been documented on the target property from a 2005 DTSC search warrant sampling summarized above.
DE MINIMIS CONDITIONS

De minimis conditions observed on the subject property include trash from overnight camping, and debris associated with former structures.

OTHER CONDITIONS

No other conditions were observed on the target property.

OPINIONS

It is the opinion of the preparers of this report that the only concern associated with the target property is the potential for migration of mercury from potential waste rock on the target property to Jericho Creek to the southwest.

Appropriate additional investigation would consist of collecting a sample from the liner of the rotary furnace currently used as a culvert; and sediment from the creek near the former shaft upstream from the disturbed area at the former shaft and at the downstream (southwest) boundary of the target property. Each sediment sample would be analyzed for total metals (including mercury and nickel).

CONCLUSIONS

The only concerns associated with the target property are the potential for migration of mercury from a rotary furnace used as a culvert, and potential erosion and transport of waste rock to Jericho Creek to the southwest.

Burleson performed this assessment of the target property in general conformance with the scope and limitations of American Society for Testing and Materials (ASTM) E 1527-05 and 40 CFR Part 312 to identify any mining-associated RECs, in connection with the property, including the presence, or likely presence, of any hazardous substances or petroleum products on the target property under conditions that indicate an existing release, a past release, or a material threat of a release into the ground, groundwater, surface water, or structures on the target property. This assessment included an evaluation to the extent practicable of the past and present land uses at the target property and on adjacent properties.
Burleson requests notification for further discussion or evaluation of any new conditions discovered during the development of the target property.

This executive summary is presented for convenience only. While the executive summary is an integral part of the report, it should not be used in lieu of reading the entire report, including the appendices.
1.0 INTRODUCTION

Burleson Consulting, Inc. (Burleson) performed a Phase I Environmental Site Assessment (ESA) of the Red Elephant Mine near Middletown, California (target property) at the request of the McCord Environmental Inc. This study was performed under Order Grant No. 99T30301.

1.1 PURPOSE

The purpose of the Phase I ESA is to complete All Appropriate Inquiries into the previous ownership and use of a property affected by historical mercury mining for the purpose of determining if additional Phase II site assessments and brownfield cleanup planning are desirable under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA). Only features and activities relating to historical mining were observed and reported on. The ESA was conducted in conformance with the requirements found at 40 CFR Part 312 by utilization of ASTM Standard 1527-05. Unless otherwise noted, no subsurface investigation was performed as a part of this assessment.

1.2 SCOPE OF SERVICES

The Phase I ESA is a non-intrusive, general characterization of environmental concerns to the target property, based on readily available information and site observations. The assessment was conducted in general accordance with the requirements found at 40 CFR Part 312 by utilization of ASTM Standard 1527-05, to determine if additional investigations or cleanup planning are desirable under the CERCLA. The scope of services provided are summarized below.

1. Burleson performed a site and area reconnaissance and reviewed available topographic maps, published soils reports, geology and hydrogeology information of the target property and/or general vicinity to assist in characterizing the area surface and subsurface drainage.

2. Burleson reviewed readily available historical documents, including maps, aerial photographs, and previous environmental studies conducted at the site. Additionally, Burleson attempted to conduct an interview with the property owner and/or other individuals to assist in determining the past use of the property.
3. Burleson reviewed readily available environmental reports published by others, and by state and federal agencies, and contacted local and/or municipal agencies to determine if the target property or nearby properties are listed as having a present or past REC or environmental condition, are under investigation or are regulated by state, federal, or local environmental regulatory officials.

4. Burleson performed a site and surrounding area reconnaissance to identify obvious indications of present or past activities that have or could have contaminated the site. Any assessment of issues identified as "additional issues" in ASTM E 1527-05 such as asbestos, lead in paint, radon, and lead in drinking water were not performed as part of this assessment.

5. Burleson prepared this report to present the findings, conclusions, and recommendations. Burleson’s scope of services did not include sampling of the sediment, soil, air, mine waste, and groundwater at the site.

1.3 NON SCOPE CONSIDERATIONS

Burleson also conducted a review of other potential issues of concern, which may warrant further investigation. Issues of concern may impact or affect the manner or timeline in which use of the property can occur. Naturally occurring asbestos minerals where observed at the target property. No other non-scope potential issues of concern were identified.

1.4 EXCEPTIONS, DEVIATIONS AND LIMITATIONS

The following deviations from the scope of work were encountered:

- Areas of dense vegetation on the target property and surrounding properties prevented a full and complete reconnaissance of the target property and surrounding properties.
- No person with knowledge of the target property such as a former property owner was available for an interview, and no interview was conducted.
1.5 LIMITATIONS

The findings and opinions are relevant to the dates of Burleson’s site work and should not be relied on to represent conditions later. The opinions included herein are based on information obtained by Burleson during the study and our experience. If additional information becomes available which might influence our environmental conclusions, we request the opportunity to review the information, reassess the potential concerns, and modify our opinion, if warranted. If this assessment included a review of reports prepared by other consultants, it must be recognized that Burleson has no responsibility for the accuracy of information contained therein.

Although this assessment has attempted to identify the potential for contamination of the subject property, potential sources of contamination may have escaped detection due to: (1) the limited scope of this assessment, (2) the inaccuracy of public records, and (3) the presence of undetected and unreported environmental accidents.

The scope of services did not include the collection and analysis of soil samples, mine waste samples, groundwater samples, sediment samples, surface water samples, paint samples for lead, drinking water samples, suspect asbestos-containing material samples, or radon canisters to evaluate ambient concentrations of naturally occurring radon gas.

1.6 REPORT ORGANIZATION

The report is presented in the following format:

- Site Description
- Records Review
- Interviews
- Site Reconnaissance
- Historical Recognized Environmental Conditions
- Findings
- Opinions
2.0 SITE DESCRIPTION

2.1 LOCATION AND LEGAL DESCRIPTION

The target property consists of one parcel (APN# 01301805) of partially burned chaparral totaling about 101 acres, located roughly 12 miles east of Middletown, Lake County, California. The target property is located in Sections 3 and 4, Township 11 North, Range 5 West of the Mount Diablo Meridian (MDM). Figure 1 shows general site features and parcel boundaries on an aerial photograph, Figure 2 shows a topographic map of the target property, Figure 3 shows site features and Appendix A contains site photographs.

2.2 VICINITY AND SITE CHARACTERISTICS

The target property is located east of Middletown in a rural area. The target property generally slopes to the southwest, with a hill along the western parcel boundary that slopes to the east. A valley runs south through the center of the target property and joins with a western flowing unnamed creek along the southern boundary. This unnamed creek flows to Jericho Creek approximately 2,000 feet to the west. The target property is mixed chaparral with sparsely scattered large pines. Unpaved dirt roads crisscross the target property. Morgan Valley Road is approximately 1 miles northeast and provides access to the target property via unpaved roads. The vicinity of the target property includes undeveloped chaparral covered slopes.

The target property is bordered to the north, east, south, and west by undeveloped land administered by the US Bureau of Land Management. Unpaved dirt roads extend in all directions from the target property to the surrounding undeveloped land.
2.3 CURRENT USE OF THE PROPERTY

The property is undeveloped rural land.

2.4 DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SITE

Several unpaved dirt roads cross the target property in all directions. There was a storage container located along the southeastern property boundary southeast of former Hoppy Lake.

2.5 CURRENT USES OF SURROUNDING PROPERTIES

The target property is bordered to the north, east, south, and west by undeveloped land administered by the US BLM. A BLM trailhead is located about one-half mile north of the target property. Unpaved dirt roads extend in all directions from the target property to the surrounding undeveloped land.

3.0 RECORDS REVIEW

Burleson contracted EDR to perform a database search of information published by the state and federal regulatory agencies for the target property and adjacent and surrounding properties. It should be noted that regulatory listings are limited and include only those sites that are known to the regulatory agencies at the time of publication to be contaminated or in the process of evaluation for potential contamination. A copy of the regulatory data obtained and reviewed for this project and a plotted site map of the regulated facilities prepared by EDR is provided in Appendix B.

3.1 STANDARD ENVIRONMENTAL RECORD SOURCES

The following table summarizes the results of the review of federal, state, and local regulatory databases. Due to the size of the target property, Burleson requested the search radii to be extended.
### TABLE 1. Regulatory Database Listings

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0 = No sites in radius identified
CAT = Category List
CERCLIS = Comprehensive Environmental Response, Compensation, and Liability Information System
CERC – NFRAP = CERCLIS No Further Remedial Action Planned
CONSENT = Superfund (CERCLA) Consent Decrees
CORRACTS = RCRA Corrective Action Report
Cortese = “Cortese” Hazardous Wastes & Substances Sites List
DOD = Department of Defense Sites
EPA = Environmental Protection Agency
ERNS = Emergency Response Notification System
ENG CONTROLS = Sites with Engineering Controls
FINDS = Facility Index System
FTTS = Federal Insecticide, Fungicide, and Rodenticide Act
FUDS = Formerly Used Defense Sites
HAZNET = Facility and Manifest Data
HIST UST = Hazardous Substance Storage Container Database
HMIRS = Hazardous Materials Incident Report System
IL NIPC = Illinois Northeastern Planning Commission Solid Waste Landfill Inventory
IMPDMENT = Surface Impoundments
INDIAN RESERV = Indian Reservations
Ins Control = Institutional Controls
LQG = Large Quantity Generator
LUST = Leaking Underground Storage Tank
MINES = Mines Master Index File
MLTS = Material Licensing Tracking System
NPDES = National Pollutant Discharge Elimination System
NPL = National Priority List
NPL Liens = Federal Superfund Liens
The sites identified through the records search are described below. Additional information about the different regulatory lists that were searched with no results with respect to the target property may be found in the EDR report in Appendix B.

3.1.1 Superfund Enterprise Management System (SEMS)

The Superfund Enterprise Management System Database is a listing under the Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CIRCLIS) list.

The target property appears on the SEMS list and is described below:

- Red Elephant Mine: In July 2011 a Pre-CERCLIS Screening was conducted and completed in October 2012. The report stated that remedial work was conducted in late 2005 to address the threat posed by a failed dam on site containing former Hoppy Lake. The dam, which County of Lake staff estimated to be 75-80 feet long, 20 feet wide, and 20-25 feet high, had failed and sediment and debris were migrating downstream to Jericho Creek. The dam was leveled and the soil spread on site in a manner that would prevent its migration to the creek. A second phase of work which was designed to restore the creek has not been completed to date.

3.1.2 ENVIROSTOR
The ENVIROSTOR Database is a listing of State or tribal equivalent CERCLIS sites.

The target property appears on the ENVIROSTOR list and is described below:

- Red Elephant Mine: As of September 2014, site status is inactive and needs evaluation. The potential contaminants of concern (COC) are acid mine drainage (pH < 6.5) and mercury. The Regional Board issued Clean-up and Abatement Order No. R5-2005-0706 in March 2005 for Red Elephant Mine LLC to clean up the erosion and sediment caused by the threatened failure of a poorly constructed dam. In addition, Walter Johnson conducted mining activities without County, State or Federal Permits.

3.1.3 WASTE MANAGEMENT UNIT DATABASE/SOLID WASTE ASSESSMENT TEST (WMUD/SWAT)

The WMUD/SWAT Database is a Waste Management Unit Database System 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.

The target property appears on the WMUD/SWAT list and is described below.

- Red Elephant Mine: According to the listing, the target property had a primary waste type of “Designated/Influent of Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). ‘Manageable’ hazardous waste (E.G., inorganic salts and heavy metals) are included in this category. The status of the site is listed as Open with a Status Date of January 1965.

3.2 ORPHAN SUMMARY

The orphan or unmapped site list consists of sites currently listed in federal or state databases that have inadequate address information. However, if street addresses are available, the site locations are checked against the known location of the target property to determine their relative location to the minimum ASTM search distance from the target property. The EDR Orphan Summary identified a total of 1 orphan site with poor or unconfirmed addresses, or business listings that may be in proximity to the
target property. Based on available address information, business listings, and area reconnaissance, the one orphan site is not located within the search radius of the target property.

3.3  HISTORICAL USE INFORMATION ON THE PROPERTY

Burleson reviewed the following available information in order to ascertain the historical uses of the target property and immediately adjacent properties to evaluate the presence of activity of potential environmental concern.

3.3.1  Literature

<table>
<thead>
<tr>
<th>Resource</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aubury, Lewis E. Quicksilver Resources of California. California State mining Bureau Bull. 27, 1908, pp. 57.</td>
<td>1908</td>
</tr>
<tr>
<td>Bradley, Walter W. Quicksilver Resources of California. California State mining Bureau Bull. 78, 1918, pp. 389.</td>
<td>1918</td>
</tr>
<tr>
<td>Ransome, Alfred L., Kellogg, John L. Quicksilver Resources of California. California State Mining Bureau Bull. 78, 1939, 400 pp.</td>
<td>1939</td>
</tr>
<tr>
<td>Averill, Charles V. Mines and Mineral Resources of Lake County, Calif. California J. Mines and Geol., v. 43, No. 1, 1947, pp. 41-60.</td>
<td>1947</td>
</tr>
<tr>
<td>Minutes, County of Lake Board of Superiors, March 22, 2005.</td>
<td>2005</td>
</tr>
<tr>
<td>Minutes, County of Lake Board of Superiors, November 1, 2005.</td>
<td>2005</td>
</tr>
<tr>
<td>Regional Board. Cleanup and Abatement Order No. R5-2006-0706 for Walter Johnson and Red Elephant Mine, LLC.</td>
<td>2005</td>
</tr>
</tbody>
</table>

3.3.2  AERIAL PHOTOGRAPHS AND TOPOGRAPHIC MAPS
TABLE 3. Historical Resources Reviewed

<table>
<thead>
<tr>
<th>Resource</th>
<th>Scale</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerial photographs</td>
<td>1”= 500’</td>
<td>1937</td>
</tr>
<tr>
<td></td>
<td>1”= 500’</td>
<td>1953</td>
</tr>
<tr>
<td></td>
<td>1”= 500’</td>
<td>1957</td>
</tr>
<tr>
<td></td>
<td>1”= 500’</td>
<td>1970</td>
</tr>
<tr>
<td></td>
<td>1”= 500’</td>
<td>1977</td>
</tr>
<tr>
<td></td>
<td>1”= 500’</td>
<td>1982</td>
</tr>
<tr>
<td></td>
<td>1”= 500’</td>
<td>1993</td>
</tr>
<tr>
<td></td>
<td>1”= 500’</td>
<td>2005</td>
</tr>
<tr>
<td></td>
<td>1”= 500’</td>
<td>2009</td>
</tr>
<tr>
<td></td>
<td>1”= 500’</td>
<td>2010</td>
</tr>
<tr>
<td></td>
<td>1”= 500’</td>
<td>2012</td>
</tr>
<tr>
<td>USGS 15-Minute Series Topographic Map of the Morgan Valley, California Quadrangle</td>
<td>1:62,500</td>
<td>1943</td>
</tr>
<tr>
<td>USGS 15-minute series Topographic Map of the Morgan Valley, California Quadrangle</td>
<td>1:62,500</td>
<td>1944</td>
</tr>
<tr>
<td>USGS 7.5-Minute Series Topographic Map of the Jericho Valley, California Quadrangle</td>
<td>1:24,000</td>
<td>1958</td>
</tr>
<tr>
<td>USGS 7.5-minute series Topographic Map of the Jericho Valley, California Quadrangle</td>
<td>1:24,000</td>
<td>1978</td>
</tr>
<tr>
<td>USGS 7.5-Minute Series Topographic Map of the Jericho Valley, California Quadrangle</td>
<td>1:24,000</td>
<td>1993</td>
</tr>
<tr>
<td>USGS 7.5-Minute Series Topographic Map of the Jericho Valley, California Quadrangle</td>
<td>1:24,000</td>
<td>2012</td>
</tr>
<tr>
<td>Sanborn Fire Insurance Maps</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>City Directory</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

3.3.3 Previous Site Use

Based on Burleson’s review of the historical literature, topographic maps and aerial photographs, the target property was developed with the Red Elephant Mine from 1929 until 1942, when operations ceased. In 1929, a 16 foot long rotary furnace was installed (Ransome et al., 1939). In 1942, a 20-ton rotary furnace was installed but operations were suspended that year (U.S. Bureau of Mines, 1965). The mine workings include a main shaft, numerous drifts and crosscuts, and several shafts which explored a shear zone for a length of about 400 feet over an inclined depth of 108 feet. Caving and flooding have made the
underground openings inaccessible (U.S. Bureau of Mines, 1965). According to a Site Screening Assessment conducted by the Department of Toxic Substances Control (DTSC) in 2012, the target property was mined as a source of decorative serpentine rock by the then current property owner from an unknown time until 2005.

The 1943 and 1944 15-minute Morgan Valley Quadrangles show the target property as rural land with the Red Elephant mine indicated on the target property. These two topographic maps also show two sets of buildings, one along the western property boundary with three buildings, and another in the southern central part of the property with four buildings. Dashed line roads lead from these building clusters to the Red Elephant mine indicator in the center of the property, and out to the adjacent properties to the north and east.

The 1958 and 1978 7.5-minute Jericho Valley Quadrangles show one structure along the western half of the central part of the property, but none of the other structures from the previous topographic maps. The Red Elephant mine is still indicated, and a shaft symbol is now located in the center of the target property. On the 1993 7.5-minute Jericho Valley Quadrangle, the structure on the western half of the target property is now farther north along the dirt road. On the 2012 7.5-minute Jericho Valley Quadrangle, all previous dirt roads, structures, and Red Elephant mine indicators are gone from the target property.

The 1937 aerial photograph depicts the target property as rural land with several unpaved dirt roads throughout. There appear to be structures along the western property boundary, and along the western flowing creek in the southern central part of the property, both of which are shown on the 1943 topographic map. There appear to be two large cleared areas along a larger dirt road running north-south through the western part of the target property associated with mining activity at the Red Elephant mine which is also shown on the 1943 topographic map. In the 1953 aerial photograph, several new dirt roads are present around the property, including a much wider dirt road extending southeast through the target property out to the adjoining property to the east. The 1957 aerial photograph is similar to the 1953 aerial photograph. In the 1970 aerial photograph, the two cleared areas associated with mining activity are now larger and form a single large cleared area in the central western part of the target property. In the 1977 aerial photograph, the cleared area of mining activity is now even larger. The western flowing creek located south of this is now heavily cleared from the eastern to the western property boundaries. There is also now a large cleared area near the northern boundary of the target property with dirt roads leading back to the center of the property.

In the 1982 aerial photograph, several small structures can be observed in and to the north of the western flowing creek in the southern central part of the target property. The 1993 aerial photograph is similar to the 1982 aerial photograph. In the 2005 aerial photograph large areas along the eastern and western property boundaries have been cleared. There is also what appears to be a dammed pond in the western flowing
creek in the southern central part of the target property. Two structures are visible to the east of the apparent pond. In the 2009 aerial photograph, the apparent pond that was visible on the 2005 aerial photograph is gone. The 2010 and 2012 aerial photographs are similar to the 2009 aerial photograph.

3.3.4 Previous Surrounding Site Use

Burleson’s review of aerial photographs and topographic maps show that the surrounding properties are primarily chaparral, oak woodland, and rural land.

The 1943 and 1944 15-minute Morgan Valley Quadrangles show the surrounding property to the north, east, south, and west as rural land. Dirt roads extend from the target property to the surrounding properties to the north and east. The 1958, 1978, 1993, and 2012 7.5-minute Jericho Valley Quadrangles show the surrounding property to the north, east, south, and west as rural land with dirt roads extending out from the target property to the north and east.

The 1937 aerial photograph depicts the surrounding property to the north, east, south, and west as rural land. The 1953 and 1957 aerial photographs are similar to the 1937 aerial photograph with the addition of a new dirt road east of the target property heading east then heading north. The 1970 aerial photograph is similar to the 1957 aerial photograph with the addition of dirt roads to the northeast widened to be fire breaks. The 1977, 1982, 1993, 2005, 2009, 2010, and 2012 aerial photographs are all similar to the 1970 aerial photograph.

3.4 ENVIRONMENTAL CLEANUP LIENS

Burleson conducted a lien search on the subject property and no records of environmental cleanup liens were found. A “Notice of Power to Sell Tax-Defaulted Property” was filed on March 3, 2017 by the Lake County Tax Collector for nonpayment of delinquent taxes for the fiscal year of 2009-2010 for the target property, APN# 013-018-050-000. The target property was declared Tax-Defaulted on June 30, 2010.

3.5 PREVIOUS ENVIRONMENTAL REPORTS

Burleson obtained several environmental reports and documents relating to the target property. Each report or document is summarized below;

Lake County Development Department, December 2004
Lake County Community Development Department, Building and Safety Division issued a Notice of Nuisance, on 1 December 2004, for un-permitted grading, requiring the Discharger to submit plans for all required grading, construction, environmental and erosion control work prior to doing the work. On 3 March 2005, the County issued a Cease and Desist order requiring the Discharger to cease mining and grading activities immediately.

Minutes, County of Lake Board of Supervisors, March 22, 2005

According to the minutes, County Code Compliance Officers and Resource Planners gave a brief overview of violations on the target property, which included unpermitted grading and or construction, unpermitted surface mining, open and outdoor storage of, including but not limited to, unpermitted public nuisance vehicles, vehicle parts, construction equipment, a storage container, junk, scrap metal and debris. The Regional Board amended the abatement completion date from thirty days to fifteen days.

Cleanup and Abatement Order No. R5-2005-0706, March 23, 2005

According to the Cleanup and Abatement Order, on 12 January 2005, the Regional Board staff inspected and observed the discharge of sediment and debris to surface waters and surface water drainage from past mining and excavation activities. Regional Board staff also observed the failure of portions of the man-made earthen dam. Large areas of soil were sloughing away from the dam into surface waters, and linear cracks and separation on the top of the dam were also observed. The dam was constructed without permits from Lake County, or any State or Federal Agency. Water samples collected down-stream of the dam contained high levels of turbidity and settleable solids.

The Regional Board issued the order on March 23rd to Walter Johnson and Red Elephant Mine, LLC, Red Elephant Mine, Lake County. The order stated that the Walter Johnson and Red Elephant Mine, LLC had to submit a Cleanup Activity Plan by May 1, 2005, and complete implementation of that plan by July 1, 2005.

Request for Cleanup and Abatement Account Funds to Cleanup and Stabilize Red Elephant Mine, No. R5-2005-0126, September 16, 2005

According to the request for funds, the Regional Board requested the State Water Resources Control Board consider a possible Request for Cleanup and Abatement Account Funds to Clean up and Stabilize and in the event that Lake County or other eligible applicant applies for funding, authorize payment up to $50,000 from the Account to Lake County or other eligible applicant to clean up and stabilize the Red Elephant Mine and investigate and initiate remediation if mercury is found to be a source of pollution.
Cleanup and Abatement Account Fund Resolution, September 16, 2005

According to the fund resolution, the Discharger failed to comply with the Cleanup and Abatement Order and the Lake County Cease and Desist Order. The Discharger also abandoned operations at the site. Lake County requested financial assistance to clean up and stabilize the site to prevent the continued discharge of earthen materials, soil, sediment, and debris materials to surface waters and to investigate and initiate remediation if mercury is found to be a source of pollution.

Minutes, County of Lake, Board of Supervisors, November 12, 2005

According to the minutes, In March 2005, the Board issued an Abatement Order at the Red Elephant Mine off of Morgan Valley Road in Middletown for the removal of two earthen embankments and site restoration for extensive grading that had taken place. To date, no action had been taken by the property owner to comply with the order. Lake County Senior Resource Planner Melissa Floyd gave a proposal for emergency work that was needed to stabilize the site before winter. Long term restoration and abatement work would be approached through the normal Consultant Selection Board process.

On motion of Supervisor Brown and by vote, the Board waived the Consultant Selection Policy and approved the Emergency Abatement Agreement between the County of Lake and Winzler and Kelly Consulting Engineers, for design and implementation of emergency stabilization measures at the Red Elephant Mine in Middletown.

Site Screening Assessment, June 28, 2012

According to the report, the target property was intermittently active as a mercury mine from 1929 to 1942. In recent years, the target property was mined as a source of decorative serpentine rock by the then current property owner until 2005.

In 2005, the County of Lake, California Department of Conservation – Office of Mining Reclamation, and the Regional Board inspected the site and determined that it was being mined without the proper county permit or an approved Surface Mining and Reclamation Act (SMARA) reclamation plan. Based on the inspection, the Regional Board issued the owner Cleanup and Abatement Order No. R5-2005-0706 in March 2005. When the owner failed to comply with the order, the Regional Board issued Resolution No. R5-2005-0126 in September 2005 to request funding to for remediation activities to stabilize the site. In October 2005 the DTSC conducted soil, sediment, plant, and pond water sampling under a search warrant obtained by Lake County.
3.6 PHYSICAL SITE SETTING

A consideration of hydrology and hydrogeology is of interest because it provides an indication of the direction that contaminants, if present, could be transported. Burleson reviewed the following information regarding the physical settings and hydrogeology of the target property and the surrounding area:

<table>
<thead>
<tr>
<th>Information/Resource</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topographic Maps</td>
<td>USGS 7.5-Minute Series Topographic Map of the Jericho Valley, California Quadrangle, 2012</td>
</tr>
<tr>
<td>Topographic Map Location</td>
<td>Sections 3 and 4, Township 11 North, Range 5 West of the Mount Diablo Meridian (MDM).</td>
</tr>
<tr>
<td>Environmental Data Resources, Inc (EDR)</td>
<td>Overview, Detail and Physical Setting Mapping and supporting soils and hydrogeologic information for the target property, as presented by EDR. The EDR Map with GeoCheck®. Red Elephant Mine. Inquiry No. 4986432.2s July 07, 2017</td>
</tr>
</tbody>
</table>

According to the EDR report, the geologic units underlying the target property are Paleozoic ultramafic rocks. The geologic units observed during the site visit included gabbro and serpentinite, consistent with EDRs findings.

According to the USGS Topographic map reviewed for the target property the elevation of the target property ranges from approximately 2,250 feet above mean sea level (amsl) along the west border of the target property to approximately 1,800 feet amsl along the southern boundary of the target property. Target property topography is shown on Figure 2.

Surface water drainage from the northern, and eastern parts of the target property are expected to flow to Jericho Creek to the southwest of the target property.

Public records for water wells within 1.25 miles of the target property were not available. Site specific groundwater flow data were not available for the target property; however, groundwater flow often mimics the topography with flow from areas of higher elevation toward lower elevations. Based on this principle, groundwater in the northeast portion of the target property is expected to flow from
surrounding slopes southwestward. Groundwater in the southern part of the target property is expected to flow south to Jericho Creek. Local geologic features and pumping of residential supply wells could result in significant deviations from these inferred groundwater flow directions.

The soil types for the target property were obtained from EDR and are described in the table below.

<table>
<thead>
<tr>
<th>Soil Component Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Henneke gravelly loam</td>
<td>Very slow infiltration rates. Somewhat excessively drained. Soils are clayey, have a high water table, or are shallow to an impervious layer.</td>
</tr>
<tr>
<td>Okiota very gravelly clay loam</td>
<td>Very slow infiltration rates. Well drained. Soils are clayey, have a high water table, or are shallow to an impervious layer.</td>
</tr>
<tr>
<td>Maymen gravelly loam</td>
<td>Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.</td>
</tr>
</tbody>
</table>

4.0 INTERVIEWS

On July 18, 2017, Burleson contacted Phil Moy with Lake County to coordinate a site visit and to inquire about the target property. Phil Moy only knew that the site had no access issues and was unaware of the property owner’s location or contact information.

5.0 SITE AND AREA RECONNAISSANCE

The site and area reconnaissance was performed to identify obvious visual indications of present or past activities that have or could have contaminated the target property. The site reconnaissance was conducted on foot, unless otherwise noted. The site and area reconnaissance was conducted by Mr. Gregory J. Reller and Mr. Christopher Scudder on July 26, 2017. An aerial photograph of the site is presented as Figure 1. Site and area reconnaissance photographs are provided in Appendix A.

5.1 SITE RECONNAISSANCE

At the time of the site reconnaissance the target property consisted of undeveloped vacant land. The property consists of sloping valleys characterized by steep slopes and valleys covered with chaparral. Burleson observed unpaved roads cross cutting target property (Figure 1).
The topography of the northern portion of the target property slopes west toward Jericho Creek.

Topography in the central portion of the target property consists of a southeast and southwest oriented valleys draining to the south to an unnamed creek that slopes west to Jericho Creek. Topography in the southern part of the target property slopes south towards Jericho Creek.

The target property consists of one irregularly shaped parcel totaling about 101 acres and is located about 1 mile southwest of Knoxville Road, Lake County, California. The target property is located in Sections 3 and 4, Township 11 North, Range 5 West of the Mount Diablo Meridian (MDM).

A storage container was observed along the southeastern property boundary southeast of former Hoppy Lake (Figure 3).

Burleson observed two concrete pads in the center of the target property where the shaft symbol is located on the topographic map (Figure 2). The pads were located above a lower creek area where the collapsed shaft could have been. A rectangular brick structure containing a metal tub was present near the central portion of the target property. This brick structure may have been part of an old retort used to recover mercury, or could have been a more recent structure with an uncertain use. Burleson also observed a concrete pier block and old bottles and cans. These are consistent with structures located on the 1943, 1944, 1958, and 1978 topographic maps. Burleson also observed a rotary furnace used as a culvert in the center of the target property. Burleson also observed flat terraces located south of the concrete pads that could have been made with waste rock. Burleson also observed the location of former Hoppy Lake. Part of the dam had been removed and the lake was dry. A small camp site with a fire pit, and several piles of trash were observed next to a storage container southeast of former Hoppy Lake along the property boundary. Burleson also observed disturbed areas in the mine pit, and north of the mine pit that appeared to be waste rock. Burleson also observed an open cut at the north end of the target property consisting of dark green serpentinite containing magnesite veins.

Burleson did not observe evidence for utilities such as flagging, warning signs or structures at the target property. Several fence posts around the property were equipped with smooth wire and insulators indicative of an electric fence; however, the wire was on the ground and did not appear to carry electric current at the time of the site visit.
The following table summarizes conditions observed on the target property. A discussion describing the significance of each observed condition listed and results of its evaluation with respect to the target property follows.

**TABLE 6. Conditions Observed During Site Reconnaissance**

<table>
<thead>
<tr>
<th>On-Site Conditions/ Appurtenances</th>
<th>Exist</th>
</tr>
</thead>
<tbody>
<tr>
<td>Underground Storage Tanks</td>
<td>No</td>
</tr>
<tr>
<td>Aboveground Storage Tanks</td>
<td>No</td>
</tr>
<tr>
<td>Hazardous Materials and Wastes</td>
<td>No</td>
</tr>
<tr>
<td>Solid Waste</td>
<td>Yes</td>
</tr>
<tr>
<td>Potential Polychlorinated Biphenyls containing equipment</td>
<td>No</td>
</tr>
<tr>
<td>Water Wells</td>
<td>No</td>
</tr>
<tr>
<td>Waste Water Sewage Disposal/Septic</td>
<td>No</td>
</tr>
<tr>
<td>Odors</td>
<td>No</td>
</tr>
<tr>
<td>Pits, Ponds, Lagoons and Other Surface Waters</td>
<td>No</td>
</tr>
<tr>
<td>HVAC</td>
<td>No</td>
</tr>
<tr>
<td>Staining and Corrosion</td>
<td>No</td>
</tr>
<tr>
<td>Drains, Sumps and Dry Wells</td>
<td>No</td>
</tr>
<tr>
<td>Stained Soils or Pavements</td>
<td>No</td>
</tr>
<tr>
<td>Stressed Vegetation</td>
<td>No</td>
</tr>
<tr>
<td>Oil and Gas Wells / Mine Features</td>
<td>No</td>
</tr>
<tr>
<td>Structures</td>
<td>Yes</td>
</tr>
</tbody>
</table>

5.1.1 Underground Storage Tanks

Burleson’s site reconnaissance revealed no USTs containing regulated substances on the target property. No evidence of past or present USTs, such as fill caps or vent pipes, was observed on the target property. No unusual ground conditions, which might indicate the presence of USTs, waste oil tanks, hydraulic lifts, or other obvious environmental concerns, were observed on the target property during Burleson’s site reconnaissance.

5.1.2 Aboveground Storage Tanks

Burleson’s site reconnaissance did not reveal any ASTs containing regulated substances on the target property.
5.1.3 Hazardous Materials and Waste

No hazardous materials or hazardous wastes were observed on the target property at the time of Burleson's site reconnaissance.

5.1.4 Solid Waste

No significant quantity of solid waste or evidence of landfills was observed during Burleson’s site reconnaissance. Burleson observed loose garbage from recreational activities in various places of the target property.

5.1.5 PCB-Containing Fluids

Electrical transformers are often a source of environmental concern due to the potential presence of polychlorinated biphenyl (PCB)-containing cooling oils used in some units. Equipment containing hydraulic oil may also be PCB-containing. No hydraulic oil containing equipment was observed at the target property.

5.1.6 Water Supply/Utilities and Wells

Burleson did not observe any water supply wells on the target property.

5.1.7 Wastewater, Sewage Disposal, and Septic Tanks

Municipal wastewater or sewage disposal services are not currently provided to the target property. Septic tanks were not observed at the property.

5.1.8 Odors

No unusual odors were observed during Burleson’s site reconnaissance of the target property.

5.1.9 Pits, Ponds, Lagoons, and Other Surface Waters

No surface waters were observed on the target property. Hoppy Lake, the pond that was previously present along the southern boundary of the property was drained and the dam is breached.
5.1.10 Heating and Air Conditioning Systems

No heating and air conditioning systems were observed at the target property.

5.1.11 Staining and Corrosion

No staining or corrosion on floors, walls, or ceilings was observed.

5.1.12 Drains, Sumps and Dry Wells

No drains, sumps, or dry wells were observed on the target property.

5.1.13 Stained Soil or Pavement

No stained soil or pavement was observed on the target property.

5.1.14 Stressed Vegetation

No areas of stressed vegetation were observed on the target property. Several areas of burnt vegetation were present. The burned vegetation was attributed to recent wildfires reported in the area.

5.1.15 Oil and Gas Wells and Mine Features

In the center of the target property, where a shaft symbol on the topographic maps is located (Figure 2), there are two large cement pads adjacent to a creek bed. There is also a mine pit located north of the cement pads, with several areas of disturbed earth. Rusted machinery and other dilapidated equipment was observed on the target property. No evidence of oil wells, gas wells, or related activities was noted on the target property.

5.1.16 Structures

A storage container was observed along the southeastern property boundary southeast of former Lake Hoppy.
5.2  AREA RECONNAISSANCE

An area reconnaissance was performed to identify obvious visual indications of present or past activities that have or could have contaminated the target property. The area reconnaissance was conducted by automobile, and/or on foot, unless otherwise noted. The findings of the area reconnaissance are presented according to the geographic relationship to the target property.

5.2.1  North

The target property is bordered to the north by undeveloped land.

5.2.2  East

The target property is bordered to the east by undeveloped land.

5.2.3  South

The target property is bordered to the south by undeveloped land.

5.2.4  West

The target property is bordered to the west by undeveloped land.

6.0  HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

One potential historical REC was identified and is associated with the historical mining at the Red Elephant Mine on the target property. There are flat terraces south of the historical shaft, as well as several disturbed areas north of the mine pit, that could potentially contain waste rock. In 2005, the DTSC collected soil, sediment, plant, and water samples from the target property and analyzed them for mercury and methylmercury. The analytical results are included in Table 7 below.

<table>
<thead>
<tr>
<th>Date</th>
<th>Media</th>
<th>Location</th>
<th>Depth</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/5/2005</td>
<td>Soil</td>
<td>Mine Pit</td>
<td>Surface</td>
<td>Mercury: 65 mg/kg</td>
</tr>
<tr>
<td>10/5/2005</td>
<td>Water</td>
<td>Drainage area below Mine Pit</td>
<td>Surface</td>
<td>Mercury: &lt;0.20 mg/L</td>
</tr>
</tbody>
</table>
Phase I Environmental Site Assessment
Red Elephant Mine, Middletown California

Date | Media | Location | Depth | Result
--- | --- | --- | --- | ---
10/5/2005 | Plant | Mine Pit | Surface | Mercury: 140 mg/kg
10/5/2005 | Sediment | Mine Pit | Pond Outflow | Mercury: 31 mg/kg
10/5/2005 | Soil | Drainage to creek | Surface | Monomethyl Mercury: 6.69 ng/g
10/5/2005 | Water | Hoppy Lake | Surface | Monomethyl Mercury: 2.72 ng/L
10/5/2005 | Plant | Drainage area below Mine Pit | Surface | Monomethyl Mercury: 11.8 ng/g
10/5/2005 | Sediment | Hoppy Lake Bottom | Surface of bottom sediment | Monomethyl Mercury: 6.69 ng/g

Total mercury results for sediment on the target property ranged from 31 mg/kg to 140 mg/kg, total mercury for water on the target property was <0.20 μg/L, and monomethyl mercury ranged from 2.72 ng/g to 11.8 ng/g for sediment, and 2.72 ng/L for water (DTSC, 2005). Although the soil total mercury concentrations are above the Environmental Protection Agency (EPA) Regional Screening Levels (RSL) of 10 mg/kg residential/43 mg/kg industrial, they are similar to mercury concentrations detected in natural soils within the region (Churchill and Clinkenbeard 2003). The sediment monomethyl mercury concentrations are below the US EPA RSL for residential soil of 7.8 ng/g and similar to concentrations observed at other inactive historical mine sites in the area such as the Helen Mine (Rytuba et al., 2008) and the Oat Hill Mine (Slowey et al., 2007).

Burleson’s review of historical information did not indicate RECs other than those potentially associated with mercury mining to the target property.

### 7.0 FINDINGS

Based on records search, interview, site reconnaissance, and other efforts related to the subject property, findings are as follows:

#### 7.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

One potential REC was identified and is associated with the historical mining at the Red Elephant Mine on the target property. Several areas on the subject property, including north of the mine pit, and south of the historical shaft, appear to be disturbed by mining activity and could contain mine waste. Mercury
has been documented on the target property from a 2005 DTSC search warrant sampling. Total mercury results for soil on the target property ranged from 31 mg/kg to 140 mg/kg, total mercury for water on the target property was <0.20 μg/L, and monomethyl mercury ranged from 2.72 ng/g to 11.8 ng/g for sediment, and 2.72 ng/L for water (DTSC, 2005). Although the soil total mercury concentrations are above the Environmental Protection Agency (EPA) Regional Screening Levels (RSL) of 10 mg/kg residential/43 mg/kg industrial, they are similar to mercury concentrations detected in natural soils within the region (Churchill and Clinkenbeard 2003). The sediment monomethyl mercury concentrations are below the US EPA RSL for residential soil of 7.8 ng/g and similar to concentrations observed at other inactive historical mine sites in the area such as the Helen Mine (Rytuba et al., 2008) and the Oat Hill Mine (Slowey et al., 2007).

7.2 DE MINIMIS CONDITIONS

De minimis conditions observed on the subject property include trash from overnight camping, and can dumps associated with historical residences.

7.3 OTHER CONDITIONS

No other conditions were observed on the target property.

7.4 DATA GAPS

No significant data gaps other than lack of an interview with a person familiar with the property was encountered.

8.0 OPINIONS

It is the opinion of the preparers of this report that the only concern associated with the target property is the potential for migration of mercury from features potentially related to historical mercury mining to nearby Jericho Creek.

Appropriate additional investigation would consist of collecting a sample from the liner of the rotary furnace currently used as a culvert; and sediment from the creek near the former shaft upstream from the disturbed area at the former shaft and at the downstream (southwest) boundary of the target property. Each sediment sample would be analyzed for total metals (including mercury and nickel).
9.0 CONCLUSIONS

The only concern associated with the target property is the potential for migration of mercury from features potentially related to historical mercury mining to nearby Jericho Creek.

Burleson performed this assessment of the target property in general conformance with the scope and limitations of American Society for Testing and Materials (ASTM) E 1527-05 and 40 CFR Part 312 to identify any mining-associated RECs, in connection with the property, including the presence, or likely presence, of any hazardous substances or petroleum products on the target property under conditions that indicate an existing release, a past release, or a material threat of a release into the ground, groundwater, surface water, or structures on the target property. This assessment included an evaluation to the extent practicable of the past and present land uses at the target property and on adjacent properties.
10.0 ASTM STATEMENT

Burleson performed this Phase I ESA of the target property in general conformance with the scope and limitations of American Society for Testing and Materials (ASTM) E 1527-05 and 40 CFR Part 312 to identify any RECs, in connection with the property, including the presence, or likely presence, of any hazardous substances or petroleum products on the target property under conditions that indicate an existing release, a past release, or a material threat of a release into the ground, groundwater, surface water, or structures on the target property. This assessment included an evaluation to the extent practicable of the past and present land uses at the target property and on adjacent properties. Any exceptions to or deletions from this practice are described in Section 1.4 of this report.

We declare that to the best of our professional knowledge and belief we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries.

[Signatures]

Gregory J. Reiler, California Professional Geologist No. 5304

Date

Chris Scudder, Geologist

Date
11.0 REFERENCES CITED


USGS. 15-minute series Topographic Map of the Morgan Valley, California Quadrangle, dated 1943.

USGS. 15-minute series Topographic Map of the Morgan Valley, California Quadrangle, dated 1944.


12.0 QUALIFICATIONS OF REPORT PREPARER

This Phase I ESA was prepared by Mr. Gregory J. Reller. Mr. Reller is a California Professional Geologist (No. 5304) with 30 years’ experience. Mr. Reller has performed Phase I ESAs at numerous properties including Department of Defense facilities; commercial, industrial, and agricultural properties; and abandoned mine lands. Mr. Reller was a technical reviewer of Phase I ESAs for a nationwide portfolio of development projects from 2005 through 2008 with responsibility for ensuring that geologic conditions were appropriately addressed, and assessment of impacts of RECs identified through records review, interviews, and historical document review. Mr. Reller is also experienced at the assessment and remediation of contamination at abandoned mines, industrial facilities, agricultural lands, and DOD installations.

Mr. Christopher Scudder is a geologist with 10 years’ experience. Mr. Scudder has performed Phase I ESA’s at numerous properties including commercial, industrial, and agricultural properties. Mr. Scudder is also experienced in the assessment and remediation of industrial facilities, commercial properties, and abandoned mines.
Legend

- Lake County Parcel Lines
- Target property

Westside Brownfields Coalition Assessment Project – Red Elephant Mine Phase I ESA

Figure 2 - Topographic Site Map

Sources: ESRI Data Server 2017.

Burleson Consulting, Inc.
Appendix A
Red Elephant Mine Photographic Log
(6 Pages)
## Photo Description

**Description:** View to the southwest of the location of historical structures observed on the 1943 topographic map. Concrete blocks and old cans and bottles were observed.

**Coordinates:** (DMS)
- 38.835219 N
- 122.406402 W

<table>
<thead>
<tr>
<th>Photo Description</th>
<th>Photo</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong> View to the southwest of the location of historical structures observed on the 1943 topographic map. Concrete blocks and old cans and bottles were observed.</td>
<td><img src="image1.jpg" alt="Photo" /></td>
</tr>
</tbody>
</table>

**Description:** View to the east of a spring. No evidence of a collapsed shaft or adit were observed.

**Coordinates:** (DMS)
- 38.834989 N
- 122.404459 W

<table>
<thead>
<tr>
<th>Photo Description</th>
<th>Photo</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong> View to the east of a spring. No evidence of a collapsed shaft or adit were observed.</td>
<td><img src="image2.jpg" alt="Photo" /></td>
</tr>
<tr>
<td>Photo Description</td>
<td>Photo</td>
</tr>
<tr>
<td>----------------------------------------------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td><strong>Description:</strong> View to the south of concrete pads located in the center of the target property. This is where a shaft is identified on the topographic maps, possibly below these pads in the creek in the background.</td>
<td><img src="image1" alt="Photo of concrete pads and creek" /></td>
</tr>
<tr>
<td><strong>Coordinates:</strong> (DMS) 38.834086 N 122.404705 W</td>
<td></td>
</tr>
</tbody>
</table>

| Parcel No. 102-010-50                                                            |       |
| **Description:** View to the north of the terraces observed south of the observed concrete pads. | ![Photo of terraces and creek](image2) |
| **Coordinates:** (DMS) 38.833592 N 122.403816 W                                   |       |
### Photo Description

<table>
<thead>
<tr>
<th>Description</th>
<th>Photo</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>View to the southwest of a small hole. The hole was likely dug by hand and contains general trash. The berm behind the hole is spoils from digging the hole.</strong></td>
<td><img src="image1.jpg" alt="Photo 1" /></td>
</tr>
</tbody>
</table>
| **Coordinates:** (DMS)  
38.833489 N  
122.403873 W | |

<table>
<thead>
<tr>
<th>Description</th>
<th>Photo</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>View to the south of the earthen dam that contained Hoppy Lake. The dam was partly demolished in 2005 by DTSC efforts to drain Hoppy Lake.</strong></td>
<td><img src="image2.jpg" alt="Photo 2" /></td>
</tr>
</tbody>
</table>
| **Coordinates:** (DMS)  
38.83735 N  
122.403317 W | |
### Photo Description

<table>
<thead>
<tr>
<th>Description</th>
<th>Photo</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong> View to the southeast of the location of former Hoppy Lake.</td>
<td><img src="image1.jpg" alt="View to the southeast of the location of former Hoppy Lake." /></td>
</tr>
<tr>
<td><strong>Coordinates:</strong> (DMS) 38.833735 N 122.403317 W</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Photo</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong> View to the northwest of a campsite and storage container located southwest of former Hoppy Lake.</td>
<td><img src="image2.jpg" alt="View to the northwest of a campsite and storage container located southwest of former Hoppy Lake." /></td>
</tr>
<tr>
<td><strong>Coordinates:</strong> (DMS) 38.833475 N 122.401865 W</td>
<td></td>
</tr>
</tbody>
</table>
### Photo Description

<table>
<thead>
<tr>
<th>Description</th>
<th>Photo</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong> View to the north of a rotary furnace used as a culvert east of the concrete pads in the center of the target property.</td>
<td><img src="image1" alt="Photo Description" /></td>
</tr>
<tr>
<td><strong>Coordinates:</strong> (DMS) 38.834222 N 122.403917 W</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Photo</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong> View to the north of the mine pit located in the center of the target property.</td>
<td><img src="image2" alt="Photo Description" /></td>
</tr>
<tr>
<td><strong>Coordinates:</strong> (DMS) 38.835279 N 122.404406 W</td>
<td></td>
</tr>
</tbody>
</table>
### Photo Description

**Description:** View to the south of a brick structure with a tube inside. Possibly an old retort.

**Coordinates:** (DMS)
- 38.833934 N
- 122.404152 W

![Photo](image-url)
APPENDIX B
EDR Report for the Red Elephant Mine
Red Elephant Mine
27697 MORGAN VALLEY RD
Lower Lake, CA 95457

Inquiry Number: 4986432.2s
July 07, 2017
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<th>PAGE</th>
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<tr>
<td>Map Findings</td>
<td>8</td>
</tr>
<tr>
<td>Orphan Summary</td>
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<tr>
<td>Government Records Searched/Data Currency Tracking</td>
<td>GR-1</td>
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<tr>
<td>GEOCHECK ADDENDUM</td>
<td></td>
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<tr>
<td>Physical Setting Source Addendum</td>
<td>A-1</td>
</tr>
<tr>
<td>Physical Setting Source Summary</td>
<td>A-2</td>
</tr>
<tr>
<td>Physical Setting SSURGO Soil Map</td>
<td>A-5</td>
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<tr>
<td>Physical Setting Source Map</td>
<td>A-9</td>
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<tr>
<td>Physical Setting Source Map Findings</td>
<td>A-11</td>
</tr>
<tr>
<td>Physical Setting Source Records Searched</td>
<td>PSGR-1</td>
</tr>
</tbody>
</table>

**Thank you for your business.**
Please contact EDR at 1-800-352-0050 with any questions or comments.

---

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA’s Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

27697 MORGAN VALLEY RD
LOWER LAKE, CA 95457

COORDINATES

Latitude (North): 38.8353920 - 38˚ 50’ 7.41”
Longitude (West): 122.4041080 - 122˚ 24’ 14.78”
Universal Tranverse Mercator: Zone 10
UTM X (Meters): 551720.2
UTM Y (Meters): 4298471.0
Elevation: 1984 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5602126 JERICHO VALLEY, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140604
Source: USDA
Target Property Address:
27697 MORGAN VALLEY RD
LOWER LAKE, CA  95457

Click on Map ID to see full detail.

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>ADDRESS</th>
<th>DATABASE ACRONYMS</th>
<th>RELATIVE ELEVATION</th>
<th>DIST (ft. &amp; mi.) DIRECTION</th>
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</thead>
<tbody>
<tr>
<td>A1</td>
<td>RED ELEPHANT MINE</td>
<td>27697 MORGAN VALLEY</td>
<td>SEMS</td>
<td>TP</td>
<td></td>
</tr>
<tr>
<td>A2</td>
<td>RED ELEPHANT MINE</td>
<td>27697 MORGAN VALLEY</td>
<td>ENVIROSTOR, ENF</td>
<td>TP</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>RED ELEPHANT MINE</td>
<td>NW 1/4 SEC 3,T11N,R5</td>
<td>WMUDS/SWAT, LDS</td>
<td>Higher</td>
<td>95, 0.018, NE</td>
</tr>
</tbody>
</table>
EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<table>
<thead>
<tr>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED ELEPHANT MINE 27697 MORGAN VALLEY MIDDLETOWN, CA 95457</td>
<td>SEMS</td>
<td>CAN000909411 Site ID: 0909411 EPA id: CAN000909411</td>
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<tr>
<td>RED ELEPHANT MINE 27697 MORGAN VALLEY MIDDLETOWN, CA 95457</td>
<td>ENVIROSTOR</td>
<td>N/A Facility Id: 60001581 Status: Inactive - Needs Evaluation ENF Status: Historical Status: Historical Facility Id: 252123</td>
</tr>
</tbody>
</table>

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR’s search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list
- NPL, National Priority List
- Proposed NPL, Proposed National Priority List Sites
- NPL LIENS, Federal Superfund Liens

Federal Delisted NPL site list
- Delisted NPL, National Priority List Deletions

Federal CERCLIS list
- FEDERAL FACILITY, Federal Facility Site Information listing

Federal CERCLIS NFRAP site list
- SEMS-ARCHIVE, Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list
- CORRACTS, Corrective Action Report
Federal RCRA non-CORRACCTS TSD facilities list
RCRA-TSDF ..................... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list
RCRA-LQG ..................... RCRA - Large Quantity Generators
RCRA-SQG ..................... RCRA - Small Quantity Generators
RCRA-CESQG .................. RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries
LUCIS .......................... Land Use Control Information System
US ENG CONTROLS ........... Engineering Controls Sites List
US INST CONTROL .............. Sites with Institutional Controls

Federal ERNS list
ERNS ............................ Emergency Response Notification System

State- and tribal - equivalent NPL
RESPONSE ....................... State Response Sites

State and tribal landfill and/or solid waste disposal site lists
SWF/LF ......................... Solid Waste Information System

State and tribal leaking storage tank lists
LUST ............................ Geotracker’s Leaking Underground Fuel Tank Report
INDIAN LUST ................. Leaking Underground Storage Tanks on Indian Land
SLIC ............................. Statewide SLIC Cases

State and tribal registered storage tank lists
FEMA UST ....................... Underground Storage Tank Listing
UST ............................. Active UST Facilities
AST ............................. Aboveground Petroleum Storage Tank Facilities
INDIAN UST .................... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites
INDIAN VCP .................... Voluntary Cleanup Priority Listing
VCP ............................. Voluntary Cleanup Program Properties

State and tribal Brownfields sites
BROWNFIELDS ................ Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists
US BROWNFIELDS ............ A Listing of Brownfields Sites
EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

- SWRCY: Recycler Database
- HAULERS: Registered Waste Tire Haulers Listing
- INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
- DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
- ODI: Open Dump Inventory
- IHS OPEN DUMPS: Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

- US HIST CDL: Delisted National Clandestine Laboratory Register
- HIST Cal-Sites: Historical Calsites Database
- SCH: School Property Evaluation Program
- CDL: Clandestine Drug Labs
- Toxic Pits: Toxic Pits Cleanup Act Sites
- US CDL: National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

- SWEEPS UST: SWEEPS UST Listing
- HIST UST: Hazardous Substance Storage Container Database
- CA FID UST: Facility Inventory Database

Local Land Records

- LIENS: Environmental Liens Listing
- LIENS 2: CERCLA Lien Information
- DEED: Deed Restriction Listing

Records of Emergency Release Reports

- HMIRS: Hazardous Materials Information Reporting System
- CHMIRS: California Hazardous Material Incident Report System
- LDS: Land Disposal Sites Listing
- MCS: Military Cleanup Sites Listing
- SPILLS 90: SPILLS 90 data from FirstSearch

Other Ascertainable Records

- RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
- FUDS: Formerly Used Defense Sites
- DOD: Department of Defense Sites
- SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
- US FIN ASSUR: Financial Assurance Information
- EPA WATCH LIST: EPA WATCH LIST
- 2020 COR ACTION: 2020 Corrective Action Program List
- TSCA: Toxic Substances Control Act
- TRIS: Toxic Chemical Release Inventory System
- SSTS: Section 7 Tracking Systems
- ROD: Records Of Decision
- RMP: Risk Management Plans
- RAATS: RCRA Administrative Action Tracking System
- PRP: Potentially Responsible Parties
EXECUTIVE SUMMARY

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
FINDS __________________________ Facility Index System/Facility Registry System
UXO ___________________________ Unexploded Ordnance Sites
ECHO __________________________ Enforcement & Compliance History Information
DOCKET HWC _____________________ Hazardous Waste Compliance Docket Listing
FUELS PROGRAM __________________ EPA Fuels Program Registered Listing
CA BOND EXP. PLAN _____________ Bond Expenditure Plan
Cortese _________________________ "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings _________________ CUPA Resources List
DRYCLEANERS _________________ Cleaner Facilities
EMI ___________________________ Emissions Inventory Data
Financial Assurance ___________ Financial Assurance Information Listing
HAZNET ______________________ Facility and Manifest Data
ICE ___________________________ ICE
HIST CORTESE _________________ Hazardous Waste & Substance Site List
HWP ___________________________ EnviroStor Permitted Facilities Listing
HWT ___________________________ Registered Hazardous Waste Transporter Database
MINES _________________________ Mines Site Location Listing
MWMP _________________________ Medical Waste Management Program Listing
NPDES __________________________ NPDES Permits Listing
PEST LIC ______________________ Pesticide Regulation Licenses Listing
PROC __________________________ Certified Processors Database
Notify 65 _____________________ Proposition 65 Records
UIC ___________________________ UIC Listing
WASTEWATER PITS _____________ Oil Wastewater Pits Listing
WDS __________________________ Waste Discharge System
WIP ___________________________ Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records
EDR MGP _______________ EDR Proprietary Manufactured Gas Plants
EDR Hist Auto ___________ EDR Exclusive Historic Gas Stations
EDR Hist Cleaner ___________ EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives
RGA LF ________________ Recovered Government Archive Solid Waste Facilities List
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.

ADDITIONAL ENVIRONMENTAL RECORDS

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

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
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Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

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MAP FINDINGS SUMMARY

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## MAP FINDINGS SUMMARY

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**State and tribal registered storage tank lists**

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**State and tribal voluntary cleanup sites**

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**State and tribal Brownfields sites**

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### ADDITIONAL ENVIRONMENTAL RECORDS

**Local Brownfield lists**

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

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**Local Land Records**

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**Records of Emergency Release Reports**

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### EDR HIGH RISK HISTORICAL RECORDS

#### EDR Exclusive Records

- **EDR MGP**: 1.000
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  - 0
  - 0
  - NR
  - NR
  - 0

- **EDR Hist Auto**: 0.125
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  - NR
  - NR
  - NR
  - NR
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  - 0

- **EDR Hist Cleaner**: 0.125
  - 0
  - NR
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### EDR RECOVERED GOVERNMENT ARCHIVES

#### Exclusive Recovered Govt. Archives

- **RGA LF**: 0.001
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  - NR
  - NR
  - 0

- **RGA LUST**: 0.001
  - 0
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  - 0
  - 0
  - 0
  - 4

### NOTES:
- **TP** = Target Property
- **NR** = Not Requested at this Search Distance
- Sites may be listed in more than one database
A1  RED ELEPHANT MINE  SEMS  1015730679
Target  27697 MORGAN VALLEY ROAD  CAN000909411
Property  MIDDLETOWN, CA  95457

Site 1 of 2 in cluster A

Actual: 1984 ft.

SEMS:
   Site ID:  909411
   EPA ID:  CAN000909411
   Federal Facility: N
   NPL: Not on the NPL
   Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:
   Site ID:  0909411
   EPA ID:  CAN000909411
   Facility County: LAKE
   Short Name: RED ELEPHANT MINE
   Congressional District: Not reported
   IFMS ID: Not reported
   SMSA Number: Not reported
   USGC Hydro Unit: Not reported
   Federal Facility: Not a Federal Facility
   DMNSN Number: 0.00000
   Site Orphan Flag: Not reported
   RCRA ID: Not reported
   USGS Quadrangle: Not reported
   Site Init By Prog: S
   NFRAP Flag: Not reported
   Parent ID: Not reported
   RST Code: Not reported
   EPA Region: 09
   Classification: Not reported
   Site Settings Code: Not reported
   NPL Status: Not on the NPL
   DMNSN Unit Code: Not reported
   RBRAC Code: Not reported
   RResp Fed Agency Code: Not reported
   Non NPL Status: PA Start Needed
   Non NPL Status Date: 10/03/12
   Site Fips Code: 06033
   CC Concurrence Date: / / 
   CC Concurrence FY: Not reported
   Alias EPA ID: Not reported
   Site FUDS Flag: Not reported
   Alias Comments: Not reported
   Site Description: Not reported

CERCLIS Assessment History:
   Action Code: 001
   Action: PRE-CERCLIS SCREENING
   Date Started: 07/01/11
   Date Completed: 10/02/12
   Priority Level: Not reported
   Operable Unit: SITEWIDE
   Primary Responsibility: State, Fund Financed
   Planning Status: Not reported
   Urgency Indicator: Not reported
### RED ELEPHANT MINE (Continued)

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**Map Findings**

- **Action Anomaly:** Not reported
- **Action Code:** 001
- **Action:** DISCOVERY
- **Date Started:** / / 
- **Date Completed:** 10/02/12
- **Priority Level:** Not reported
- **Operable Unit:** SITEWIDE
- **Primary Responsibility:** EPA Fund-Financed
- **Planning Status:** Not reported
- **Urgency Indicator:** Not reported
- **EPA Fund-Financed:** Primary Responsibility
- **SITEWIDE:** Operable Unit
- **Not reported**
- **Not reported**
- **(Not reported)**
- **(Not reported)**
- **(Not reported)**
- **(Not reported)**
- **(Not reported)**
- **(Not reported)**
- **(Not reported)**
- **(Not reported)**

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**A2 RED ELEPHANT MINE**

**Target:** 27697 MORGAN VALLEY ROAD

**Property:** MIDDLETOWN, CA 95457

**Site 2 of 2 in cluster A**

**Actual:** 1984 ft.

**ENVIROSTOR:**

- **Facility ID:** 60001581
- **Status:** Inactive - Needs Evaluation
- **Status Date:** 09/09/2014
- **Site Code:** 102167
- **Site Type:** Evaluation
- **Site Type Detailed:** Evaluation
- **Acres:** 125
- **NPL:** NO
- **Regulatory Agencies:** SMBRP, RWQCB 5S - Central Valley
- **Lead Agency:** SMBRP
- **Program Manager:** Randy Adams
- **Supervisor:** Steven Becker
- **Division Branch:** Cleanup San Joaquin
- **Assembly:** 04
- **Senate:** 02
- **Special Program:** EPA - PASI
- **Restricted Use:** NO
- **Site Mgmt Req:** NONE SPECIFIED
- **Funding:** Not Applicable
- **Latitude:** 38.8345
- **Longitude:** -122.4041
- **APN:** NONE SPECIFIED
- **Past Use:** MINE
- **Potential COC:** Acid Mine Drainage (pH <6.5 Mercury (elemental
- **Confirmed COC:** NONE SPECIFIED
- **Potential Description:** SED, SOIL, SURFW
- **Alias Name:** CAN000909411
- **Alias Type:** CERCLIS ID
- ** Alias Name:** 102167
- **Alias Type:** Project Code (Site Code)
- **Alias Name:** 60001581
- **Alias Type:** Envirostor ID Number

**Completed Info:**

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
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| Completed Sub Area Name          | Not reported                                 |
| Completed Document Type          | PA/SI Site Screening                          |
| Completed Date                   | 06/27/2012                                    |
| 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                                 |
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| Schedule Document Type           | Not reported                                 |
| Schedule Due Date                | Not reported                                 |
| Schedule Revised Date            | Not reported                                 |

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<td>WDR Review - Revise/Renew</td>
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<td>Description</td>
<td>CAO issued to Walter Johnson, to cleanup the erosion and sediment caused by the failure (threaten) failure of a poorly constructed dam. In addition Mr. Johnson also conducted mining activities without County, State or Federal Permits.</td>
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RED ELEPHANT MINE (Continued)  S111023545

Agency Name: Red Elephant Mine LLC
Place Type: All Other
Place Subtype: Dredge/Fill Site
Facility Type: Industrial
Agency Type: Privately-Owned Business
# Of Agencies: 1
Place Latitude: 38.835
Place Longitude: -122.40333
SIC Code 1: 1411
SIC Desc 1: Dimension Stone
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
# Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: CERFILLEXC
Program Category1: CER
Program Category2: CER
# Of Programs: 1
WDID: 5A17CR00035
Reg Measure Id: 149509
Reg Measure Type: 401 Certification
Region: Not reported
Order #: Not reported
Npdex# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Historical
Status Date: 11/04/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
RED ELEPHANT MINE (Continued)

Status Enrollee: N
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 256458
Region: Not reported
Order / Resolution Number: Not reported
Enforcement Action Type: Notice of Violation
Effective Date: 05/09/2005
Adoption/Issuance Date: 05/09/2005
Achieve Date: Not reported
Termination Date: 05/09/2005
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: NOV 05/09/2005 for Red Elephant Mine LLC
Description: NOV for failure to submit a Cleanup Activities Plan as required by CAO R5-2005-0706
Program: CERFILLEXC
Latest Milestone Completion Date: Not reported
# Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability $ Amount: 0
Project $ Amount: 0
Liability $ Paid: 0
Project $ Completed: 0
Total $ Paid/Completed Amount: 0
Region: 5S
Facility Id: 252123
Agency Name: Red Elephant Mine LLC
Place Type: All Other
Place Subtype: Dredge/Fill Site
Facility Type: Industrial
Agency Type: Privately-Owned Business
# Of Agencies: 1
Place Latitude: 38.835
Place Longitude: -122.40333
SIC Code 1: 1411
SIC Desc 1: Dimension Stone
SIC Code 2: Not reported
SIC Code 3: Not reported
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SIC Desc 3: Not reported
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NAICS Desc 1: Not reported
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NAICS Desc 3: Not reported
# Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
RED ELEPHANT MINE (Continued)

Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: CERFILLEXC
Program Category1: CER
Program Category2: CER
# Of Programs: 1
WDID: 5A17CR00035
Reg Measure Id: 149509
Reg Measure Type: 401 Certification
Region: Not reported
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Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
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Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
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Status Enrollee: N
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 256033
Region: Not reported
Order / Resolution Number: Not reported
Enforcement Action Type: Notice of Violation
Effective Date: 06/02/2005
Adoption/Issuance Date: 06/02/2005
Achieve Date: Not reported
Termination Date: 06/02/2005
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: NOV 06/02/2005 for Red Elephant Mine
Description: NOV for failure to submit a Cleanup Activity Plan in compliance with Cleanup & abatement Order R5-2005-0706
Program: CERFILLEXC
Latest Milestone Completion Date: Not reported
# Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability $ Amount: 0
Project $ Amount: 0
Liability $ Paid: 0
RED ELEPHANT MINE (Continued)

Project $ Completed: 0
Total $ Paid/Completed Amount: 0

RED ELEPHANT MINE

WMUDS/SWAT: S103442050
LDS: N/A

NE NW 1/4 SEC 3,T11N,R5W
NAPA (County), CA

Relative: Higher
Actual: 2907 ft.

WMUDS/SWAT:
Edit Date: Not reported
Complexity: Not reported
Primary Waste: WSHWTR
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Secondary Waste: Not reported
Secondary Waste Type: Not reported
Base Meridian: Not reported
NPID: Not reported
Tonnage: 0
Regional Board ID: Not reported
Municipal Solid Waste: False
Superorder: False
Open To Public: False
Waste List: False
Agency Type: Private
Agency Name: RED ELEPHANT MINE
Agency Department: Not reported
Agency Address: UNKNOWN
Agency City,St,Zip: UNKNOWN CA 99999
Agency Contact: JAY BURCH OR CAM LOCKWOOD, BLM
Agency Telephone: 7074623873
Land Owner Name: Not reported
Land Owner Address: Not reported
Land Owner City,St,Zip: Not reported
Land Owner Contact: Not reported
Land Owner Phone: Not reported
Region: 5S
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Facility Description: Not reported
Facility Telephone: Not reported
SWAT Facility Name: Not reported
Primary SIC: Not reported
Secondary SIC: Not reported
Comments: Not reported
Last Facility Editors: Not reported
Waste Discharge System: True
Solid Waste Assessment Test Program: False
Toxic Pits Cleanup Act Program: False
Resource Conservation Recovery Act: False
Department of Defence: False
### RED ELEPHANT MINE (Continued)

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<td>Regional Board Project Officer</td>
<td>JDM</td>
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<td>35.5 MORGAN VALLEY RD</td>
<td>94558</td>
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Count: 1 record(s).
To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

**STANDARD ENVIRONMENTAL RECORDS**

**Federal NPL site list**

NPL: National Priority List
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA’s Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/05/2017  
Date Data Arrived at EDR: 04/21/2017  
Date Made Active in Reports: 05/12/2017  
Number of Days to Update: 21  
Source: EPA  
Telephone: N/A  
Last EDR Contact: 06/08/2017  
Next Scheduled EDR Contact: 07/17/2017  
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 3  
  Telephone 215-814-5418
- EPA Region 4  
  Telephone 404-562-8033
- EPA Region 5  
  Telephone 312-886-6686
- EPA Region 10  
  Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites
A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/05/2017  
Date Data Arrived at EDR: 04/21/2017  
Date Made Active in Reports: 05/12/2017  
Number of Days to Update: 21  
Source: EPA  
Telephone: N/A  
Last EDR Contact: 06/09/2017  
Next Scheduled EDR Contact: 07/17/2017  
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens
Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56  
Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned
Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/05/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 21
Source: EPA
Telephone: N/A
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing
A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92
Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/07/2017
Next Scheduled EDR Contact: 07/17/2017
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: 02/07/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 16
Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/08/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive
SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA’s knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 02/07/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 16

Federal RCRA CORRACTS facilities list
CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Federal RCRA non-CORRACTS TSD facilities list
RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Federal RCRA generators list
RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44
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: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44
Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Varies

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: 12/28/2016
Date Data Arrived at EDR: 01/04/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 93
Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/15/2017
Next Scheduled EDR Contact: 08/28/2017
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: 02/13/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 101
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls
A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 101
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies
Federal ERNS list

ERNS: Emergency Response Notification System
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/26/2016  
Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 09/29/2016  
Telephone: 202-267-2180

Date Made Active in Reports: 11/11/2016  
Last EDR Contact: 06/28/2017

Number of Days to Update: 43  
Next Scheduled EDR Contact: 10/09/2017

State- and tribal - equivalent NPL

RESPONSE: State Response Sites
Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/30/2017  
Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 01/31/2017  
Telephone: 916-323-3400

Date Made Active in Reports: 05/23/2017  
Last EDR Contact: 05/02/2017

Number of Days to Update: 112  
Next Scheduled EDR Contact: 08/14/2017

State- and tribal - equivalent CERCLIS

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

Date of Government Version: 01/30/2017  
Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 01/31/2017  
Telephone: 916-323-3400

Date Made Active in Reports: 08/23/2017  
Last EDR Contact: 05/02/2017

Number of Days to Update: 112  
Next Scheduled EDR Contact: 08/14/2017

Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/13/2017  
Source: Department of Resources Recycling and Recovery

Date Data Arrived at EDR: 02/15/2017  
Telephone: 916-341-6320

Date Made Active in Reports: 05/02/2017  
Last EDR Contact: 05/17/2017

Number of Days to Update: 76  
Next Scheduled EDR Contact: 08/28/2017

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists
LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/13/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/02/2017
Number of Days to Update: 49
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Quarterly

Source: State Water Resources Control Board
Telephone: see region list

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786

LUST REG 2: Fuel Leak List

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
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433

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
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769

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.
## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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<th>Telephone:</th>
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<td>Semi-Annually</td>
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**LUST REG 5: Leaking Underground Storage Tank Database**

**LUST REG 7: Leaking Underground Storage Tank Case Listing**
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

**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.

**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.

**INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land**
A listing of leaking underground storage tank locations on Indian Land.

**INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land**
LUSTs on Indian land in Florida, Mississippi and North Carolina.
INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
Date of Government Version: 10/07/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada
Date of Government Version: 10/06/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.
Date of Government Version: 10/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

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: 11/14/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
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: 10/17/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska
Date of Government Version: 09/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/13/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/02/2017
Number of Days to Update: 49
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Varies
SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.
Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.
Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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: Semi-Annually

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: Varies

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: Semi-Annually

SLIC REG 6: 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: Semi-Annually
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: Semi-Annually

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: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/11/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/12/2017
Date Data Arrived at EDR: 03/16/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 57

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Semi-Annually
AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

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).

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).

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).

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).

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).
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: 11/14/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
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: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
Date of Government Version: 10/07/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.
Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/27/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC’s costs.
Date of Government Version: 01/30/2017
Date Data Arrived at EDR: 01/31/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 112
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Quarterly
**State and tribal Brownfields sites**

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:** 01/03/2017
- **Date Data Arrived at EDR:** 01/04/2017
- **Date Made Active in Reports:** 03/02/2017
- **Number of Days to Update:** 57
- **Source:** State Water Resources Control Board
- **Telephone:** 916-323-7905
- **Last EDR Contact:** 06/28/2017
- **Next Scheduled EDR Contact:** 10/09/2017
- **Data Release Frequency:** Varies

**ADDITITIONAL 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:** 03/02/2017
- **Date Data Arrived at EDR:** 03/02/2017
- **Date Made Active in Reports:** 04/07/2017
- **Number of Days to Update:** 36
- **Source:** Environmental Protection Agency
- **Telephone:** 202-566-2777
- **Last EDR Contact:** 06/20/2017
- **Next Scheduled EDR Contact:** 10/02/2017
- **Data Release Frequency:** Semi-Annually

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

**WMUDS/SWAT: Waste Management Unit Database**

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

- **Date of Government Version:** 04/01/2000
- **Date Data Arrived at EDR:** 04/10/2000
- **Date Made Active in Reports:** 05/10/2000
- **Number of Days to Update:** 30
- **Source:** State Water Resources Control Board
- **Telephone:** 916-227-4448
- **Last EDR Contact:** 05/05/2017
- **Next Scheduled EDR Contact:** 08/21/2017
- **Data Release Frequency:** No Update Planned

**SWRCY: Recycler Database**

A listing of recycling facilities in California.

- **Date of Government Version:** 03/13/2017
- **Date Data Arrived at EDR:** 03/14/2017
- **Date Made Active in Reports:** 05/03/2017
- **Number of Days to Update:** 50
- **Source:** Department of Conservation
- **Telephone:** 916-323-3836
- **Last EDR Contact:** 06/14/2017
- **Next Scheduled EDR Contact:** 09/25/2017
- **Data Release Frequency:** Quarterly

**HAULERS: Registered Waste Tire Haulers Listing**

A listing of registered waste tire haulers.

- **Date of Government Version:** 03/13/2017
- **Date Data Arrived at EDR:** 03/14/2017
- **Date Made Active in Reports:** 05/03/2017
- **Number of Days to Update:** 50
- **Source:** Department of Conservation
- **Telephone:** 916-323-3836
- **Last EDR Contact:** 06/14/2017
- **Next Scheduled EDR Contact:** 09/25/2017
- **Data Release Frequency:** Quarterly
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: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

OBI: 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: 04/24/2017
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: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
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: 05/05/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/09/2017
Date Data Arrived at EDR: 03/08/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 93
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
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.
<table>
<thead>
<tr>
<th>SCH: School Property Evaluation Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Date of Government Version: 01/30/2017</td>
</tr>
<tr>
<td>Date Data Arrived at EDR: 01/31/2017</td>
</tr>
<tr>
<td>Date Made Active in Reports: 05/23/2017</td>
</tr>
<tr>
<td>Number of Days to Update: 112</td>
</tr>
<tr>
<td>Source: Department of Toxic Substances Control</td>
</tr>
<tr>
<td>Telephone: 916-323-3400</td>
</tr>
<tr>
<td>Last EDR Contact: 05/02/2017</td>
</tr>
<tr>
<td>Next Scheduled EDR Contact: 08/14/2017</td>
</tr>
<tr>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CDL: Clandestine Drug Labs</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Date of Government Version: 12/31/2016</td>
</tr>
<tr>
<td>Date Data Arrived at EDR: 03/17/2017</td>
</tr>
<tr>
<td>Date Made Active in Reports: 05/10/2017</td>
</tr>
<tr>
<td>Number of Days to Update: 54</td>
</tr>
<tr>
<td>Source: Department of Toxic Substances Control</td>
</tr>
<tr>
<td>Telephone: 916-255-6504</td>
</tr>
<tr>
<td>Last EDR Contact: 04/10/2017</td>
</tr>
<tr>
<td>Next Scheduled EDR Contact: 07/24/2017</td>
</tr>
<tr>
<td>Data Release Frequency: Varies</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOXIC PITS: Toxic Pits Cleanup Act Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.</td>
</tr>
<tr>
<td>Date of Government Version: 07/01/1995</td>
</tr>
<tr>
<td>Date Data Arrived at EDR: 08/30/1995</td>
</tr>
<tr>
<td>Date Made Active in Reports: 09/26/1995</td>
</tr>
<tr>
<td>Number of Days to Update: 27</td>
</tr>
<tr>
<td>Source: State Water Resources Control Board</td>
</tr>
<tr>
<td>Telephone: 916-227-4364</td>
</tr>
<tr>
<td>Last EDR Contact: 01/26/2009</td>
</tr>
<tr>
<td>Next Scheduled EDR Contact: 04/27/2009</td>
</tr>
<tr>
<td>Data Release Frequency: No Update Planned</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US CDL: Clandestine Drug Labs</th>
</tr>
</thead>
<tbody>
<tr>
<td>A listing of clandestine drug lab locations. The U.S. Department of Justice (&quot;the Department&quot;) 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.</td>
</tr>
<tr>
<td>Date of Government Version: 02/09/2017</td>
</tr>
<tr>
<td>Date Data Arrived at EDR: 03/08/2017</td>
</tr>
<tr>
<td>Date Made Active in Reports: 06/09/2017</td>
</tr>
<tr>
<td>Number of Days to Update: 93</td>
</tr>
<tr>
<td>Source: Drug Enforcement Administration</td>
</tr>
<tr>
<td>Telephone: 202-307-1000</td>
</tr>
<tr>
<td>Last EDR Contact: 05/31/2017</td>
</tr>
<tr>
<td>Next Scheduled EDR Contact: 09/11/2017</td>
</tr>
<tr>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Local Lists of Registered Storage Tanks</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWEEPS UST: SWEEPS UST Listing</td>
</tr>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>
UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

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.

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.

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

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.

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.

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.

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).

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.

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.
SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/24/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands


Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
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.
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.

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.

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.

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.

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.
<table>
<thead>
<tr>
<th><strong>SSTS: Section 7 Tracking Systems</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>Date of Government Version: 12/31/2014</td>
<td>Source: EPA</td>
</tr>
<tr>
<td>Date Data Arrived at EDR: 11/24/2015</td>
<td>Telephone: 202-566-0250</td>
</tr>
<tr>
<td>Date Made Active in Reports: 04/05/2016</td>
<td>Last EDR Contact: 05/26/2017</td>
</tr>
<tr>
<td>Number of Days to Update: 133</td>
<td>Next Scheduled EDR Contact: 09/04/2017</td>
</tr>
<tr>
<td>Data Release Frequency: Annually</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ROD: Records Of Decision</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.</td>
<td></td>
</tr>
<tr>
<td>Date of Government Version: 12/31/2009</td>
<td>Source: EPA</td>
</tr>
<tr>
<td>Date Data Arrived at EDR: 12/10/2010</td>
<td>Telephone: 202-564-4203</td>
</tr>
<tr>
<td>Date Made Active in Reports: 02/25/2011</td>
<td>Last EDR Contact: 04/26/2017</td>
</tr>
<tr>
<td>Number of Days to Update: 77</td>
<td>Next Scheduled EDR Contact: 08/07/2017</td>
</tr>
<tr>
<td>Data Release Frequency: Annually</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>RMP: Risk Management Plans</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>Date of Government Version: 02/01/2017</td>
<td>Source: Environmental Protection Agency</td>
</tr>
<tr>
<td>Date Data Arrived at EDR: 02/09/2017</td>
<td>Telephone: 202-564-8600</td>
</tr>
<tr>
<td>Date Made Active in Reports: 04/07/2017</td>
<td>Last EDR Contact: 04/21/2017</td>
</tr>
<tr>
<td>Number of Days to Update: 57</td>
<td>Next Scheduled EDR Contact: 08/07/2017</td>
</tr>
<tr>
<td>Data Release Frequency: Varies</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>RAATS: RCRA Administrative Action Tracking System</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>Date of Government Version: 04/17/1995</td>
<td>Source: EPA</td>
</tr>
<tr>
<td>Date Data Arrived at EDR: 07/03/1995</td>
<td>Telephone: 202-564-4104</td>
</tr>
<tr>
<td>Date Made Active in Reports: 08/07/1995</td>
<td>Last EDR Contact: 06/02/2008</td>
</tr>
<tr>
<td>Number of Days to Update: 35</td>
<td>Next Scheduled EDR Contact: 09/01/2008</td>
</tr>
<tr>
<td>Data Release Frequency: No Update Planned</td>
<td></td>
</tr>
</tbody>
</table>
PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties
Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3
Next Scheduled EDR Contact: 08/21/2017
Source: EPA
Telephone: 202-564-6023

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: 01/20/2016
Date Data Arrived at EDR: 04/28/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 127
Next Scheduled EDR Contact: 07/24/2017
Source: EPA
Telephone: 202-566-0500

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.
Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Source: Environmental Protection Agency
Telephone: 202-564-2501

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.
Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Last EDR Contact: 05/19/2017
Next Scheduled EDR Contact: 07/24/2017
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.
Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Next Scheduled EDR Contact: 09/04/2017
Source: EPA
Telephone: 202-566-1667

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.
Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Next Scheduled EDR Contact: 08/21/2017
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/04/2017
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 35
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/06/2017
Next Scheduled EDR Contact: 07/17/2017
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 INSPI: 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.
DOT OPS: Incident and Accident Data
Department of Transportation, Office of Pipeline Safety Incident and Accident data.

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.

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.

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.

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.
<table>
<thead>
<tr>
<th>Dataset</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
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</thead>
<tbody>
<tr>
<td><strong>LEAD SMELTER 1: Lead Smelter Sites</strong></td>
<td>Department of Energy</td>
<td>505-845-0011</td>
<td>05/22/2017</td>
<td>09/04/2017</td>
<td>Varies</td>
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<td><strong>LEAD SMELTER 2: Lead Smelter Sites</strong></td>
<td>Environmental Protection Agency</td>
<td>703-603-8787</td>
<td>06/09/2017</td>
<td>07/17/2017</td>
<td>Varies</td>
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<td><strong>US AIRS MINOR: Air Facility System Data</strong></td>
<td>EPA</td>
<td>202-564-2496</td>
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<td><strong>US MINES: Mines Master Index File</strong></td>
<td>Department of Labor, Mine Safety and Health Administration</td>
<td>303-231-5959</td>
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<td>Semi-Annually</td>
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<td><strong>US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing</strong></td>
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<td>Database Name</td>
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<tr>
<td>ABANDONED MINES: Abandoned Mines</td>
<td>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.</td>
<td>03/14/2017</td>
<td>03/17/2017</td>
<td>04/07/2017</td>
<td>21</td>
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<tr>
<td>FINDS: Facility Index System/Facility Registry System</td>
<td>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).</td>
<td>04/04/2017</td>
<td>04/07/2017</td>
<td>05/12/2017</td>
<td>35</td>
</tr>
<tr>
<td>ECHO: Enforcement &amp; Compliance History Information</td>
<td>ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.</td>
<td>03/19/2017</td>
<td>03/21/2017</td>
<td>05/12/2017</td>
<td>52</td>
</tr>
<tr>
<td>UXO: Unexploded Ordnance Sites</td>
<td>A listing of unexploded ordnance site locations</td>
<td>10/25/2015</td>
<td>01/29/2016</td>
<td>04/05/2016</td>
<td>67</td>
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</tbody>
</table>
DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 91
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/22/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 79
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 64
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/28/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner’s agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 04/12/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 42
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 09/23/2016
Date Made Active in Reports: 10/24/2016
Number of Days to Update: 31
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/23/2017
Next Scheduled EDR Contact: 10/02/2017
Data Release Frequency: Varies
ENF: Enforcement Action Listing

Date of Government Version: 01/23/2017
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 118
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/25/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 53
Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/14/2017
Date Data Arrived at EDR: 02/17/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 97
Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/15/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 64
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Annually

ICE: ICE
Contains data pertaining to the Permitted Facilities with Inspections/Enforcements sites tracked in Envirostor.

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 62
Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Quarterly

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned
HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.
Date of Government Version: 11/21/2016  Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/22/2016  Telephone: 916-323-3400
Date Made Active in Reports: 01/23/2017  Last EDR Contact: 05/24/2017
Number of Days to Update: 62  Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.
Date of Government Version: 04/11/2017  Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/13/2017  Telephone: 916-440-7145
Date Made Active in Reports: 04/26/2017  Last EDR Contact: 04/13/2017
Number of Days to Update: 13  Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.
Date of Government Version: 09/12/2016  Source: Department of Conservation
Date Data Arrived at EDR: 09/14/2016  Telephone: 916-322-1080
Date Made Active in Reports: 10/14/2016  Last EDR Contact: 06/14/2017
Number of Days to Update: 30  Next Scheduled EDR Contact: 09/25/2017
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: 12/02/2016  Source: Department of Public Health
Date Data Arrived at EDR: 12/06/2016  Telephone: 916-558-1784
Date Made Active in Reports: 03/02/2017  Last EDR Contact: 06/06/2017
Number of Days to Update: 86  Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.
Date of Government Version: 11/14/2016  Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/15/2016  Telephone: 916-445-9379
Date Made Active in Reports: 03/02/2017  Last EDR Contact: 05/17/2017
Number of Days to Update: 107  Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Varies

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: 12/06/2016  Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 12/06/2016  Telephone: 916-445-4038
Date Made Active in Reports: 03/03/2017  Last EDR Contact: 06/07/2017
Number of Days to Update: 87  Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly
PROC: Certified Processors Database
A listing of certified processors.
Date of Government Version: 03/13/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 50
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
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: 12/16/2016
Date Data Arrived at EDR: 12/22/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/16/2017
Next Scheduled EDR Contact: 10/02/2017
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.
Date of Government Version: 01/20/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 50
Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
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 board’s review found that more than one-third of the region’s active disposal pits are operating without permission.
Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.
Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.
Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/27/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Varies
EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.
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.

**COUNTY RECORDS**

**ALAMEDA COUNTY:**

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).

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<thead>
<tr>
<th>Date of Government Version:</th>
<th>N/A</th>
<th>Source: Alameda County Environmental Health Services</th>
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<tr>
<td>Date Data Arrived at EDR:</td>
<td>04/10/2017</td>
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<td>Date Made Active in Reports:</td>
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<td>Number of Days to Update:</td>
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Underground Tanks
Underground storage tank sites located in Alameda county.

<table>
<thead>
<tr>
<th>Date of Government Version:</th>
<th>04/10/2017</th>
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**AMADOR COUNTY:**

CUPA Facility List
Cup facility list.

<table>
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<tr>
<th>Date of Government Version:</th>
<th>03/06/2017</th>
<th>Source: Amador County Environmental Health</th>
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<tbody>
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<td>03/08/2017</td>
<td>Telephone: 209-223-6439</td>
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<td>Date Made Active in Reports:</td>
<td>04/14/2017</td>
<td>Last EDR Contact: 06/16/2017</td>
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<td>Next Scheduled EDR Contact: 09/18/2017</td>
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</table>

**BUTTE COUNTY:**

CUPA Facility Listing
Cup facility list.
CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing
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: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/27/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.
Date of Government Version: 02/23/2017
Date Data Arrived at EDR: 02/24/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 77
Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.
Date of Government Version: 11/17/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/26/2017
Number of Days to Update: 65
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list
Date of Government Version: 01/31/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/14/2017
Number of Days to Update: 70
Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.
FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/06/2017
Date Data Arrived at EDR: 04/07/2017
Date Made Active in Reports: 05/17/2017
Number of Days to Update: 40
Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 10/16/2017
Data Release Frequency: Semi-Annually

GLEN COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 12/02/2016
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 111
Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/20/2017
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 05/17/2017
Number of Days to Update: 57
Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 01/23/2017
Date Data Arrived at EDR: 01/25/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 36
Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

INYO COUNTY:
<table>
<thead>
<tr>
<th>County</th>
<th>CUPA Facility List</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
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<th>Data Release Frequency</th>
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<td>Kern County</td>
<td>Kern County Sites and Tanks Listing.</td>
<td>Kern County Environment Health Services Department</td>
<td>661-862-8700</td>
<td>05/05/2017</td>
<td>08/21/2017</td>
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<td>Kings County</td>
<td>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.</td>
<td>Kings County Department of Public Health</td>
<td>559-584-1411</td>
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<td>09/04/2017</td>
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<td>Los Angeles County</td>
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**San Gabriel Valley Areas of Concern**

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

| Date of Government Version: 03/30/2009 | Source: EPA Region 9 |
| Date Data Arrived at EDR: 03/31/2009 | Telephone: 415-972-3178 |
| Date Made Active in Reports: 10/23/2009 | Last EDR Contact: 06/16/2017 |
| Number of Days to Update: 206 | Next Scheduled EDR Contact: 10/02/2017 |
| Data Release Frequency: No Update Planned |

**HMS: Street Number List**

Industrial Waste and Underground Storage Tank Sites.

| Date of Government Version: 11/14/2016 | Source: Department of Public Works |
| Date Data Arrived at EDR: 11/18/2016 | Telephone: 626-458-3517 |
| Date Made Active in Reports: 01/23/2017 | Last EDR Contact: 04/10/2017 |
| Number of Days to Update: 66 | Next Scheduled EDR Contact: 07/24/2017 |
| Data Release Frequency: Semi-Annually |

**List of Solid Waste Facilities**

Solid Waste Facilities in Los Angeles County.

| Date of Government Version: 04/17/2017 | Source: La County Department of Public Works |
| Date Data Arrived at EDR: 04/18/2017 | Telephone: 818-458-5185 |
| Date Made Active in Reports: 05/02/2017 | Last EDR Contact: 04/18/2017 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 07/31/2017 |
| Data Release Frequency: Varies |

**City of Los Angeles Landfills**

Landfills owned and maintained by the City of Los Angeles.

| Date of Government Version: 01/01/2016 | Source: Engineering & Construction Division |
| Date Data Arrived at EDR: 01/26/2016 | Telephone: 213-473-7869 |
| Date Made Active in Reports: 03/22/2016 | Last EDR Contact: 04/17/2017 |
| Number of Days to Update: 56 | Next Scheduled EDR Contact: 07/31/2017 |
| Data Release Frequency: Varies |

**Site Mitigation List**

Industrial sites that have had some sort of spill or complaint.

| Date of Government Version: 03/29/2016 | Source: Community Health Services |
| Date Data Arrived at EDR: 04/06/2016 | Telephone: 323-890-7806 |
| Date Made Active in Reports: 06/13/2016 | Last EDR Contact: 04/17/2017 |
| Number of Days to Update: 68 | Next Scheduled EDR Contact: 07/31/2017 |
| Data Release Frequency: Varies |

**City of El Segundo Underground Storage Tank**

Underground storage tank sites located in El Segundo city.

| Date of Government Version: 01/17/2017 | Source: City of El Segundo Fire Department |
| Date Data Arrived at EDR: 01/18/2017 | Telephone: 310-524-2236 |
| Date Made Active in Reports: 05/10/2017 | Last EDR Contact: 04/17/2017 |
| Number of Days to Update: 112 | Next Scheduled EDR Contact: 07/31/2017 |
| Data Release Frequency: Semi-Annually |

**City of Long Beach Underground Storage Tank**

Underground storage tank sites located in the city of Long Beach.

| Date of Government Version: 03/09/2017 | Source: City of Long Beach Fire Department |
| Date Data Arrived at EDR: 03/10/2017 | Telephone: 562-570-2563 |
| Date Made Active in Reports: 05/03/2017 | Last EDR Contact: 04/24/2017 |
| Number of Days to Update: 54 | Next Scheduled EDR Contact: 08/07/2017 |
| Data Release Frequency: Annually |
City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

MADERA COUNTY:

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.

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 10/16/2017
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies

MONTEREY COUNTY:
CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016       Source: Monterey County Health Department
Date Data Arrived at EDR: 06/27/2016        Telephone: 831-796-1297
Date Made Active in Reports: 08/09/2016    Last EDR Contact: 05/22/2017
Number of Days to Update: 43               Next Scheduled EDR Contact: 09/04/2017

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017       Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/11/2017         Telephone: 707-253-4269
Date Made Active in Reports: 03/02/2017     Last EDR Contact: 05/24/2017
Number of Days to Update: 50                Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 03/15/2017       Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 03/16/2017         Telephone: 707-253-4269
Date Made Active in Reports: 05/09/2017     Last EDR Contact: 05/24/2017
Number of Days to Update: 54                Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/09/2017       Source: Community Development Agency
Date Data Arrived at EDR: 02/10/2017         Telephone: 530-265-1467
Date Made Active in Reports: 05/17/2017      Last EDR Contact: 05/01/2017
Number of Days to Update: 96                Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/06/2017       Source: Health Care Agency
Date Data Arrived at EDR: 02/10/2017         Telephone: 714-834-3446
Date Made Active in Reports: 04/21/2017      Last EDR Contact: 05/08/2017
Number of Days to Update: 70                Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/04/2016       Source: Health Care Agency
Date Data Arrived at EDR: 11/11/2016         Telephone: 714-834-3446
Date Made Active in Reports: 01/23/2017      Last EDR Contact: 05/08/2017
Number of Days to Update: 73                Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly
List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/06/2017  
Source: Health Care Agency
Date Data Arrived at EDR: 02/07/2017  
Telephone: 714-834-3446
Date Made Active in Reports: 05/03/2017  
Last EDR Contact: 05/09/2017
Number of Days to Update: 85  
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016  
Source: Placer County Health and Human Services
Date Data Arrived at EDR: 09/06/2016  
Telephone: 530-745-2363
Date Made Active in Reports: 10/14/2016  
Last EDR Contact: 06/02/2017
Number of Days to Update: 38  
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 01/31/2017  
Source: Plumas County Environmental Health
Date Data Arrived at EDR: 02/03/2017  
Telephone: 530-283-6355
Date Made Active in Reports: 05/25/2017  
Last EDR Contact: 06/29/2017
Number of Days to Update: 111  
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/18/2017  
Source: Department of Environmental Health
Date Data Arrived at EDR: 04/20/2017  
Telephone: 951-358-5055
Date Made Active in Reports: 04/21/2017  
Last EDR Contact: 06/19/2017
Number of Days to Update: 1  
Next Scheduled EDR Contact: 10/02/2017
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/19/2017  
Source: Department of Environmental Health
Date Data Arrived at EDR: 01/25/2017  
Telephone: 951-358-5055
Date Made Active in Reports: 05/03/2017  
Last EDR Contact: 06/19/2017
Number of Days to Update: 98  
Next Scheduled EDR Contact: 10/02/2017
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.
SAN BENITO COUNTY:

CUPA Facility List

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 02/09/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 105
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits

Date of Government Version: 12/09/2016
Date Data Arrived at EDR: 12/13/2016
Date Made Active in Reports: 03/03/2017
Number of Days to Update: 80
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/08/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

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: 10/05/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 86
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly
Solid Waste Facilities
San Diego County Solid Waste Facilities.

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.

SAN FRANCISCO COUNTY:
Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

SAN JOAQUIN COUNTY:
San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

SAN LUIS OBISPO COUNTY:
CUPA Facility List
Cupa Facility List.

SAN MATEO COUNTY:
Business Inventory

| Date of Government Version: 03/15/2017 | Source: San Mateo County Environmental Health Services Division |
| Date Data Arrived at EDR: 04/07/2017 | Telephone: 650-363-1921 |
| Date Made Active in Reports: 05/10/2017 | Last EDR Contact: 06/09/2017 |
| Number of Days to Update: 33 | Next Scheduled EDR Contact: 09/25/2017 |
| Data Release Frequency: Annually |

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

| Date of Government Version: 03/15/2017 | Source: San Mateo County Environmental Health Services Division |
| Date Data Arrived at EDR: 04/07/2017 | Telephone: 650-363-1921 |
| Date Made Active in Reports: 04/21/2017 | Last EDR Contact: 06/09/2017 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 09/25/2017 |
| Data Release Frequency: Semi-Annually |

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

| Date of Government Version: 09/08/2011 | Source: Santa Barbara County Public Health Department |
| Date Data Arrived at EDR: 09/09/2011 | Telephone: 805-686-8167 |
| Date Made Active in Reports: 10/07/2011 | Last EDR Contact: 05/22/2017 |
| Number of Days to Update: 28 | Next Scheduled EDR Contact: 09/04/2017 |
| Data Release Frequency: Varies |

SANTA CLARA COUNTY:

Cupa Facility List

| Date of Government Version: 02/22/2017 | Source: Department of Environmental Health |
| Date Data Arrived at EDR: 02/23/2017 | Telephone: 408-918-1973 |
| Date Made Active in Reports: 05/23/2017 | Last EDR Contact: 05/22/2017 |
| Number of Days to Update: 89 | Next Scheduled EDR Contact: 09/04/2017 |
| Data Release Frequency: Varies |

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 | Source: Santa Clara Valley Water District |
| Date Data Arrived at EDR: 03/30/2005 | Telephone: 408-265-2600 |
| Date Made Active in Reports: 04/21/2005 | Last EDR Contact: 03/23/2009 |
| Number of Days to Update: 22 | Next Scheduled EDR Contact: 06/22/2009 |
| Data Release Frequency: No Update Planned |

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

| Date of Government Version: 03/03/2014 | Source: Department of Environmental Health |
| Date Data Arrived at EDR: 03/05/2014 | Telephone: 408-918-3417 |
| Date Made Active in Reports: 03/18/2014 | Last EDR Contact: 05/24/2017 |
| Number of Days to Update: 13 | Next Scheduled EDR Contact: 09/11/2017 |
| Data Release Frequency: Annually |
Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/07/2016  Date Data Arrived at EDR: 11/10/2016  Date Made Active in Reports: 01/24/2017  Number of Days to Update: 75  Source: City of San Jose Fire Department  Telephone: 408-535-7694  Last EDR Contact: 05/05/2017  Next Scheduled EDR Contact: 08/21/2017  Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017  Date Data Arrived at EDR: 02/22/2017  Date Made Active in Reports: 05/23/2017  Number of Days to Update: 90  Source: Santa Cruz County Environmental Health  Telephone: 831-464-2761  Last EDR Contact: 05/22/2017  Next Scheduled EDR Contact: 09/04/2017  Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 03/14/2017  Date Data Arrived at EDR: 03/17/2017  Date Made Active in Reports: 05/23/2017  Number of Days to Update: 67  Source: Shasta County Department of Resource Management  Telephone: 530-225-5789  Last EDR Contact: 05/22/2017  Next Scheduled EDR Contact: 09/04/2017  Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016  Date Data Arrived at EDR: 12/21/2016  Date Made Active in Reports: 12/22/2016  Number of Days to Update: 1  Source: Solano County Department of Environmental Management  Telephone: 707-784-6770  Last EDR Contact: 06/09/2017  Next Scheduled EDR Contact: 09/25/2017  Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/15/2017  Date Data Arrived at EDR: 03/17/2017  Date Made Active in Reports: 05/03/2017  Number of Days to Update: 47  Source: Solano County Department of Environmental Management  Telephone: 707-784-6770  Last EDR Contact: 06/09/2017  Next Scheduled EDR Contact: 09/25/2017  Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list
**Date of Government Version:** 03/01/2017  
**Source:** County of Sonoma Fire & Emergency Services Department  
**Telephone:** 707-565-1174  
**Date Data Arrived at EDR:** 03/30/2017  
**Last EDR Contact:** 06/21/2017  
**Date Made Active in Reports:** 05/23/2017  
**Next Scheduled EDR Contact:** 10/09/2017  
**Number of Days to Update:** 54  
**Data Release Frequency:** Varies

**Leaking Underground Storage Tank Sites**  
A listing of leaking underground storage tank sites located in Sonoma county.

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<th>Date of Government Version</th>
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<td>Department of Health Services</td>
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**STANISLAUS COUNTY:**

**CUPA Facility List**  
Cupa facility list

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<td>01/20/2017</td>
<td>Stanislaus County Department of Environmental Protection</td>
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**SUTTER COUNTY:**

**Underground Storage Tanks**  
Underground storage tank sites located in Sutter county.

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**TEHAMA COUNTY:**

**CUPA Facility List**  
Cupa facilities

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<td>Tehama County Department of Environmental Health</td>
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**TRINITY COUNTY:**

**CUPA Facility List**  
Cupa facility list

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<td>01/23/2017</td>
<td>Department of Toxic Substances Control</td>
<td>760-352-0381</td>
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<tr>
<td>01/25/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>05/18/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>113</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TULARE COUNTY:**
CUPA Facility List
Cupa program facilities
Date of Government Version: 01/05/2017
Date Data Arrived at EDR: 02/10/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 104
Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

TUOLUMNE COUNTY:
CUPA Facility List
Cupa facility list
Date of Government Version: 01/25/2017
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 34
Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

VENTURA COUNTY:
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: 12/27/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 103
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.
Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 10/16/2017
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).
Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/15/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Quarterly

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: 09/26/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 01/24/2017
Number of Days to Update: 89
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly
Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/27/2017
Date Data Arrived at EDR: 03/15/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/31/2017
Date Data Arrived at EDR: 04/06/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 27

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 10/16/2017
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/30/2017
Date Data Arrived at EDR: 01/31/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 112

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
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: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/15/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 01/03/2017
Number of Days to Update: 96

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/11/2017
Next Scheduled EDR Contact: 07/24/2017
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: 01/30/2017
Date Data Arrived at EDR: 02/01/2017
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/03/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/18/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/12/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.
Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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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 principal 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.
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 SSW

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.
HYDROGEOLOGIC 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 hydrologie information (major waterways and bodies of water).

FEMA FLOOD ZONE

<table>
<thead>
<tr>
<th>Flood Plain Panel at Target Property</th>
<th>FEMA Source Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>06113C0175G</td>
<td>FEMA FIRM Flood data</td>
</tr>
</tbody>
</table>

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

<table>
<thead>
<tr>
<th>NWI Quad at Target Property</th>
<th>NWI Electronic Data Coverage</th>
<th>YES - refer to the Overview Map and Detail Map</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOT AVAILABLE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>LOCATION FROM TP</th>
<th>GENERAL DIRECTION GROUNDWATER FLOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Reported</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.
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

<table>
<thead>
<tr>
<th>Era:</th>
<th>Paleozoic</th>
</tr>
</thead>
<tbody>
<tr>
<td>System:</td>
<td>Permian</td>
</tr>
<tr>
<td>Series:</td>
<td>Ultramafic rocks</td>
</tr>
<tr>
<td>Code:</td>
<td>uM</td>
</tr>
</tbody>
</table>

Category: Plutonic and Intrusive Rocks

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: HENNEKE
Soil Surface Texture: gravelly 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: Somewhat excessively drained
Hydric Status: Not hydric
Corrosion Potential - Uncoated Steel: High
Depth to Bedrock Min: > 38 inches
Depth to Watertable Min: > 0 inches

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>3 inches</td>
<td>gravelly loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.</td>
<td>COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel</td>
</tr>
<tr>
<td>2</td>
<td>3 inches</td>
<td>11 inches</td>
<td>gravelly clay loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay</td>
</tr>
<tr>
<td>3</td>
<td>11 inches</td>
<td>18 inches</td>
<td>very gravelly clay loam</td>
<td>Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel</td>
</tr>
</tbody>
</table>
### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>Not reported</td>
<td>Max: 14 Min: 4</td>
<td>Max: 7.3 Min: 6.1</td>
</tr>
<tr>
<td>2</td>
<td>9 inches</td>
<td>Not reported</td>
<td>Max: 4 Min: 1.4</td>
<td>Max: 7.3 Min: 6.1</td>
</tr>
<tr>
<td>3</td>
<td>29 inches</td>
<td>Not reported</td>
<td>Max: Min:</td>
<td>Max: Min:</td>
</tr>
</tbody>
</table>

### Soil Map ID: 2

**Soil Component Name:** KONOCTI

**Soil Surface Texture:**

**Hydrologic Group:** Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

**Soil Drainage Class:** Well drained

**Hydric Status:** Not hydric

**Corrosion Potential - Uncoated Steel:** Moderate

**Depth to Bedrock Min:** > 38 inches

**Depth to Watertable Min:** > 0 inches

### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>18 inches</td>
<td>unweathered bedrock</td>
<td>Not reported</td>
<td>Max: 141 Min: 0.07</td>
</tr>
</tbody>
</table>

### Soil Map ID: 3

**Soil Component Name:** OKIOTA

**Soil Surface Texture:** very gravelly clay loam

**Hydrologic Group:** Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

**Soil Drainage Class:** Well drained
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>AASHTO Group</th>
<th>Unified Soil</th>
<th>Saturated hydraulic conductivity</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>1 inches</td>
<td>very gravelly clay loam</td>
<td>Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel</td>
<td>Max: 4</td>
<td>Min: 1.4</td>
</tr>
<tr>
<td>2</td>
<td>1 inches</td>
<td>3 inches</td>
<td>clay loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay</td>
<td>Max: 4</td>
<td>Min: 1.4</td>
</tr>
<tr>
<td>3</td>
<td>3 inches</td>
<td>14 inches</td>
<td>clay</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.</td>
<td>Max: 1.4</td>
<td>Min: 0.42</td>
</tr>
<tr>
<td>4</td>
<td>14 inches</td>
<td>18 inches</td>
<td>unweathered bedrock</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Max: 141</td>
<td>Min: 0.07</td>
</tr>
</tbody>
</table>

Soil Map ID: 4

Soil Component Name: MAYMEN

Soil Surface Texture: gravelly loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches
Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>gravelly loam</td>
<td>Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>Max: 14 Min: 4 Max: 6.5 Min: 4.5</td>
</tr>
<tr>
<td>2</td>
<td>11 inches</td>
<td>unweathered bedrock</td>
<td>Not reported</td>
<td>Max: 14 Min: 1.4</td>
</tr>
</tbody>
</table>

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<table>
<thead>
<tr>
<th>DATABASE</th>
<th>SEARCH DISTANCE (miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal USGS</td>
<td>1.000</td>
</tr>
<tr>
<td>Federal FRDS PWS</td>
<td>Nearest PWS within 0.001 miles</td>
</tr>
<tr>
<td>State Database</td>
<td>1.000</td>
</tr>
</tbody>
</table>

FEDERAL USGS WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Wells Found</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td>No PWS System Found</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Wells Found</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TC4986432.2s Page A-9
Federal Area Radon Information for Zip Code: 95457

Number of sites tested: 1

<table>
<thead>
<tr>
<th>Area</th>
<th>Average Activity</th>
<th>% &lt;4 pCi/L</th>
<th>% 4-20 pCi/L</th>
<th>% &gt;20 pCi/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living Area - 1st Floor</td>
<td>1.900 pCi/L</td>
<td>100%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Living Area - 2nd Floor</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Basement</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
</tr>
</tbody>
</table>
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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.
State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW 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

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.
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

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.

STATE RECORDS

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.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.
OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR’s Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California’s Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Red Elephant Mine
27697 MORGAN VALLEY RD
Lower Lake, CA 95457

Inquiry Number: 4986432.9
July 11, 2017
Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR’s professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

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When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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Red Elephant Mine
27697 MORGAN VALLEY RD
Lower Lake, CA 95457

Inquiry Number: 4986432.4
July 06, 2017
EDR Historical Topo Map Report

Site Name: Red Elephant Mine
Client Name: Burleson Consulting Inc.
27697 MORGAN VALLEY RD
950 Glenn Dr
Lower Lake, CA 95457
Folsom, CA 95630
EDR Inquiry # 4986432.4
Contact: Christopher Scudder

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Burleson 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:

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<td>Red Elephant Mine</td>
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</tbody>
</table>

Coordinates:

| Latitude:  | 38.835392 38° 50' 7" North |
| Longitude: | -122.404108 -122° 24' 15" West |
| UTM Zone: | Zone 10 North |
| UTM X Meters: | 551718.88 |
| UTM Y Meters: | 4298678.77 |
| Elevation: | 1987.62' above sea level |

Maps Provided:

2012
1993
1978
1958
1944
1943

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets

Jericho Valley
7.5-minute, 24000

1993 Source Sheets

Jericho Valley
7.5-minute, 24000
Aerial Photo Revised 1987

1978 Source Sheets

Jericho Valley
7.5-minute, 24000
Aerial Photo Revised 1957

1958 Source Sheets

Knoxville
Jericho Valley
7.5-minute, 24000
Aerial Photo Revised 1957
7.5-minute, 24000
Aerial Photo Revised 1957
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1944 Source Sheets

Morgan Valley

15-minute, 62500

1943 Source Sheets

Morgan Valley

15-minute, 62500
This report includes information from the following map sheet(s).

SITE NAME: Red Elephant Mine
ADDRESS: 27697 MORGAN VALLEY RD
Lower Lake, CA 95457
CLIENT: Burleson Consulting Inc.
This report includes information from the following map sheet(s):

TP, Jericho Valley, 1993, 7.5-minute

SITE NAME: Red Elephant Mine
ADDRESS: 27697 MORGAN VALLEY RD
Lower Lake, CA 95457
CLIENT: Burleson Consulting Inc.
This report includes information from the following map sheet(s).

SITE NAME: Red Elephant Mine
ADDRESS: 27697 MORGAN VALLEY RD
         Lower Lake, CA 95457
CLIENT:  Burleson Consulting Inc.

TP, Jericho Valley, 1978, 7.5-minute
This report includes information from the following map sheet(s).

SITE NAME: Red Elephant Mine
ADDRESS: 27697 MORGAN VALLEY RD
          Lower Lake, CA 95457
CLIENT: Burleson Consulting Inc.
This report includes information from the following map sheet(s).

SITE NAME: Red Elephant Mine
ADDRESS: 27697 MORGAN VALLEY RD
          Lower Lake, CA 95457
CLIENT: Burleson Consulting Inc.
This report includes information from the following map sheet(s).

SITE NAME: Red Elephant Mine
ADDRESS: 27697 MORGAN VALLEY RD
Lower Lake, CA 95457
CLIENT: Burleson Consulting Inc.
Red Elephant Mine
27697 Morgan Valley Rd
Lower Lake, CA 95457

Inquiry Number: 4992537.3S
July 19, 2017
The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders’ offices, registries of deeds, county clerks’ offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050 with any questions or comments.

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TARGET PROPERTY INFORMATION

ADDRESS

RED ELEPHANT MINE
27697 MORGAN VALLEY RD
LOWER LAKE, CA 95457

RESEARCH SOURCE

Source 1: Recorder
Lake County, California

Source 2: Assessor
Lake County, California

PROPERTY INFORMATION

Deed 1:
Type of Deed: Grant Deed
Title is vested in: Red Elephant Mind LLC, a California Limited Liability Company
Title received from: Walter Johnson and Wanda Johnson, as husband and wife
Deed Dated: 10/18/2004
Deed Recorded: 11/03/2004
Instrument: 2004030941
Land Record Comments: A Notice of Power to Sell Tax-Defaulted Property was filed 03/02/2017 as Document No.
2017002665. (see attached)

Legal Description: All that certain piece or parcel of land being Red Comet, Red Elephant, Royal Annex, Blue Wing, and
Rex Lode Mining Claims, designated as Survey No. 6019 embracing a portion of Section 3, in Township 11 North, and
approximately Section 34, in Township 12, all in Range 5 West, M.D.M., situate and lying in the County of Lake, State of
California.

Legal Current Owner: Red Elephant Mind LLC, a California Limited Liability Company

Property Identifiers: 013-018-050-000
ENVIROMENTAL LIEN

Environmental Lien:  Found ☐  Not Found ☒
If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Docket:

Volume:

Instrument:

Comments:

Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's:  Found ☐  Not Found ☒
If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Docket:

Volume:

Instrument:

Comments:

Miscellaneous:
DEED EXHIBIT
RECORDING REQUESTED BY
Barry D. Parkinson
Attorney at Law
WHEN RECORDED MAIL TO
Barry D. Parkinson
825 S. Main Street
Lakeport, CA 95453
MAIL TAX STATEMENTS TO
Walter and Wanda Johnson
4132 Santa Rosa Avenue
Santa Rosa, CA 95407

GRANT DEED

The undersigned Grantor(s) declare(s) under penalty of perjury that the following is true and correct:

Documentary transfer tax is: $0

XX There is no Documentary Transfer Tax due - R&T 11925 (b), changes form of ownership but no change in parties and proportions of ownership.

XX Computed on full value of property conveyed, or

XX Computed on full value less value of liens and encumbrances remaining at time of sale,

XX Unincorporated area:____ City of, and

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

GRANTOR(S): Walter Johnson and Wanda Johnson, as husband and wife

hereby GRANT(S) to: Red Elephant Mine LLC, a California Limited Liability Company

the following described real property in the County of Lake, State of California:

Legally described in "Exhibit A" attached and incorporated by this reference

APN(s): 013-018-05

State of California )
County of Sonoma )

Dated: October 18, 2004

Walter Johnson
WANDA JOHNSON

Grantor(s) - Transferor(s)

Notary Public, personally appeared WALTER JOHNSON and WANDA JOHNSON, known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) are subscribed to the within instrument and acknowledge to me that they executed the same in their authorized capacity(ies), and that by their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

Witness my hand and official seal

Johnson 10-5-04
Exhibit "A"

The land referred to in this Report is situated in the State of California, City of Unincorporated, County of LAKE, and is described as follows:

Red Comet, Red Elephant, Royal Annex, Blue Wing, and Rex Lode Mining Claims, designated as Survey No. 6019 embracing a portion of Section 3, in Township 11 North, and approximately Section 34, in Township 12, all in Range 5 West, M.D.M., and bounded, described and platted as follows:

BEGINNING, for the description of the Red Comet Lode Claim, at corner No. 1, an iron post 3 feet long 1 inch in diameter with brass cap marked RC-1-RE-1-R-4-6019, in mound of stone from which the quarter section corner between Sections 3 in Township 11 North and Section 34 in Township 12 North, all in Range 5 West, bears North 59 degrees 27' East 961.6 feet distant; thence, first course, North 38 degrees 21' West 1214.5 feet to corner No. 2, an iron post 3 feet long, 1 inch in diameter, with brass cap marked RC-2-6019, in mound of stone; thence, second course, South 69 degrees 37' West 619.8 feet, to corner No. 3, an iron post 3 feet long, 1 inch in diameter, with brass cap marked RC-3-6019, in mound of stone; thence, third course, South 39 degrees 13' East 1220.5 feet, to corner No. 4, an iron post 3 feet long, 1 inch in diameter, with brass cap marked RC-4-RE-2-6019, in mound of stone; thence, fourth course, North 69 degrees 37' East 300.2 feet, to a point from which discovery shaft bears North 38 degrees 47' West 4 feet distant; 600.4 feet, to corner No. 1, the place of beginning; the survey of the lode claim, as above described, extending 1217.5 feet in length along said Red Comet vein or lode.

BEGINNING, for the description of the Red Elephant Lode Claim, at corner No. 1, identical with corner No. 1 of said Red Comet Lode Claim; thence, first course, South 69 degrees 37' West 600.4 feet to corner No. 2, identical with corner No. 4 of said Red Comet Lode Claim; thence, second course, South 18 degrees 19' East 1470.4 feet to corner No. 3, an iron post 3 feet long, 1 inch in diameter, with brass cap marked RE-3-BW-2-6019, in mound of stone; thence, third course, North 69 degrees 37' East 300.2 feet to a point from which discovery shaft bears North 18 degrees 19' West 640 feet distant; 600.4 feet to corner No. 4, an iron post 3 feet long, 1 inch in diameter, with brass cap marked RE-4-R-3-BW-1-6019, in mound of stone; thence, fourth course, North 18 degrees 19' West 1470.4 feet to corner No. 1, the place of beginning; the survey of the lode claim, as above described, extending 1470.4 feet in length along said Red Elephant vein or lode.

BEGINNING, for the description of the Royal Annex Lode Claim, at corner No. 1, an iron post 3 feet long, 1 inch in diameter with brass cap marked RA-1-6019, in mound of stone, situate on line 2 - 3 of said Red Elephant Lode Claim, from which said quarter section corner bears North 60 degrees 12' East 1571.2 feet distant; thence, first course, South 18 degrees 19' East 1500 feet to corner No. 2, an iron pipe 3 feet long, 1 inch in diameter, with brass cap marked RA-2-6019, in mound of stone; thence, second course, South 69 degrees 37' West 300.2 feet to a point from which discovery bears North 18 degrees 19' West 10 feet distant, 600.4 feet, to corner No. 3, an iron post 3 feet long, 1 inch in diameter with brass cap marked RA-3-6019, in mound of stone; thence, third course, north 18 degrees 19' West 1500 feet to corner No. 4, an iron post 3 feet long, 1 inch in diameter, with brass cap marked RA-4-6019, in mound of stone; thence, fourth course, North 69 degrees 37' East 600.4 feet to corner No. 1, the place of beginning; the survey of the lode claim, as above described, extending 1500 feet in length along said Royal Annex vein or lode.

(continued)
BEGINNING, for the description of the Blue Wing Lode Claim, at corner No. 1, identical with corner No. 4 of said Red Elephant Lode Claim, from which said quarter section corner bears North 11 degrees East 1919.9 feet distant; thence, first course, South 69 degrees 37' West 300.2 feet to a point from which discovery bears South 16 degrees 11' East 1 foot distant, 600.4 feet, to corner No. 2, identical with corner No. 3 of said Red Elephant Lode Claim; thence, second course, South 16 degrees 11' East 1455.4 feet to corner No. 3, an iron post 3 feet long, 1 inch in diameter, with brass cap marked BW-3-6019, in mound of stone; thence, third course, North 69 degrees 37' East 600.4 feet to corner No. 4, an iron pipe 3 feet long, 1 inch in diameter, with brass cap marked BW-4-6019, in mound of stone; thence, Fourth course, North 16 degrees 11' West 1455.4 feet to corner No. 1, the place of beginning; the survey of the lode claim, as above described, extending 1455.4 feet in length along said Blue Wing vein or lode.

BEGINNING, for the description of the Rex Lode Claim, at corner No. 1, an iron post 36 inches long, 1 inch in diameter, with brass cap marked R-1-6019, in mound of stone, from which said quarter section corner bears North 43 degrees 30' East 385.2 feet distant; thence, first course, South 18 degrees 19' East 1470.4 feet to corner No. 2, an iron post 36 inches long, 1 inch in diameter, with brass cap marked R-2-6019, in mound of stone; thence, second course, South 69 degrees 37' West 600.4 feet to corner No. 3, identical with corner No. 4 of said Red Elephant Lode Claim; thence, third course, North 19 degrees 19' West 1470.4 feet to corner No. 4, identical with corner No. 1 of said Red Comet Lode Claim; thence, fourth course, North 69 degrees 37' East 300.2 feet to a point from which discovery bears South 18 degrees 19' East, 5 feet distant, 600.4 feet, to corner No. 1, the place of beginning; the survey of the lode claim, as above described, extending 1470.4 feet in length along said Rex vein or lode.

AP #013-018-05
NOTICE OF POWER TO SELL TAX-DEFAULTED PROPERTY

Which, pursuant to law was declared to be Tax-Defaulted on 6/30/2010
for the nonpayment of delinquent taxes in the amount of $1,356.30
for the fiscal year 2009 - 2010. Default Number: DEF100002215

Notice is hereby given by the Tax Collector of Lake County that, pursuant to Revenue and Taxation Code §3691, (1) five or more years have elapsed since the duly assessed and legally levied taxes on the property described herein were declared in default; (2) the property is subject to sale for nonpayment of taxes; and (3) the property will be sold unless the amount required to redeem the property is paid to the tax collector of said county before sale. The real property subject to this notice is assessed RED ELEPHANT MINE, LLC

and is situated in said county, State of California, described as follows: 013-018-050-000 (Assessor's Parcel Number)

MINING CLAIM KNOWN AS BLUE WING RED ELEPHANT REX ROYAL ANNEX AND RED COMET IN NORTHWEST ¼ WEST ½ OF NORTHEAST ¼ AND NORTHEAST ¼ OF SOUTHWEST ½ OF SECTION 3 TOWNSHIP 11 NORTH RANGE 5 WEST AND IN UNSURVEYED PORTION OF SECTION 34 TOWNSHIP 12 NORTH RANGE 5 WEST, AS DESCRIBED IN VOLUME 229 OFFICIAL RECORDS PAGE 163.

Executed on 02/27/2017

Barbara C. Ringen, Lake County Tax Collector
State of California

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California, County of Lake

On 02/27/2017, before me, Lisa Fredericks, Deputy Clerk, personally appeared Barbara C. Ringen, who proved to me on the basis of satisfactory evidence to be the Tax Collector of said County and the person who subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity as Tax Collector, and that by her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct.

WITNESS my hand and official seal.

CATHY SADERLUND
County Clerk and Ex Officio Clerk

Lisa Fredericks
Deputy
Certified Sanborn® Map Report

07/06/17

Site Name: Red Elephant Mine
27697 MORGAN VALLEY RD
Lower Lake, CA 95457
EDR Inquiry # 4986432.3

Client Name: Burleson Consulting Inc.
950 Glenn Dr
Folsom, CA 95630
Contact: Christopher Scudder

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Burleson 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.

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 # C099-4338-8EED
PO # NA
Project Red Elephant Mine

UNMAPPED PROPERTY

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.’s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR’s City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

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# FINDINGS

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| 16625 | AMY NIEVES                |
| 16675 | OTTIS PEARSON             |
| 16755 | BILL ANDERSON             |
| 16795 | JOEY MECKFESSEL           |
| 16820 | DAVE CAVAGNA              |
| 16851 | VICTORIA DEAN             |
| 17110 | BILLY CROOK               |
| 17201 | MICAH CRUZ                |
| 17230 | SMITH LEVIAS              |
| 17357 | MARGRET CHELES            |
| 17390 | FREEMAN HAAS              |
| 17470 | DUANE DAY                 |
| 17495 | LARRY HARBORTH            |
| 17528 | RONALD THOMPSON           |
| 17530 | SHARON CAREY              |
| 17600 | HERNDON CREEK FARM        |
| 17753 | JEFF BRITT                |
| 17777 | LOWER LAKE KENNELS       |
| 17943 | SANDRA BROWN              |
| 17954 | GOERGINA WOOD             |
| 18013 | JAMES LEHNHARDT           |
| 18300 | DAVID DEMERA              |
| 18345 | DAVID BARREDA             |
| 18502 | DAVID DEMERA              |
| 18683 | DANIEL WILHELM            |
| 18805 | JIMMY TINAZA              |
| 19018 | ROY LEPPER                |
| 19062 | JAMES MORA                |
| 19230 | LAZARO GARCIA             |
| 19824 | GREG MCRAE                |
| 20052 | LARRY MAYFIELD            |
| 20520 | PAUL CONRAD               |
| 20610 | ERICA DICKEY              |
| 20670 | CAROL RINGSMITH           |
| 20695 | LARRY JOINER              |
| 21800 | WAYNE FISCHER             |
| 23100 | DAVID FLANNERY            |
| 23175 | DAVID FLANNERY            |
| 23250 | MARION ANTONIO            |
| 23290 | TIMOTHY LANPHEAR          |
| 24220 | THOMAS MORGAN             |
| 25460 | HAROLD NEWLAND            |
| 26650 | RACHEL HEHER              |
MORGAN VALLEY RD  1999  (Cont'd)

26775  HOMESTAKE MINING COMPANY
N MORGAN VALLEY RD 1999

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