

PHASE I ENVIRONMENTAL SITE ASSESSMENT
AND LIMITED PHASE II SOIL EVALUATION
APNs 964-160-004, -005, -007, -009
TWELVE OAKS WINERY RESORT AND GOLF COMMUNITY
TEMECULA AREA, RIVERSIDE COUNTY, CALIFORNIA

GeoSoils, Inc.
FOR

STANDARD PORTFOLIOS, LLC
488 E. SANTA CLARA STREET, SUITE304
ARCADIA, CALIFORNIA 91006

W.O. E6872-SC DECEMBER 23, 2015

CASE: CUP03719
EXHIBIT: Soils Report
DATE: 9/27/2017
PLANNER: TWheeler
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December 23, 2015

W.O. E6872-SC

Standard Portfolios, LLC

488 E. Santa Clara Street, Suite 304
Arcadia, California 91006

Attention: Mr. Darren Chin

Subject: Phase I Environmental Site Assessment and Limited Phase II Soil Evaluation, Twelve Oaks Winery Resort and Golf Community, APNs 964-160-004, -005, -007, -009, Temecula Area, Riverside County, California

Dear Mr. Chin:

GeoSoils, Inc. (GSI) is pleased to present the results of our Phase I Environmental Site Assessment (ESA) and Limited Phase II Soil Evaluation of the subject property in the Temecula area of Riverside County, California. This study was conducted for the purpose of assessing the potential for the presence, to the extent practical, of hazardous materials/waste and/or petroleum contamination (i.e., recognized environmental conditions [RECs]) at the subject site.

EXECUTIVE SUMMARY

Based upon the information obtained during the course of this assessment, GSI presents the following summary of findings and conclusions:

- Based upon our field reconnaissance of the property, interview with the property owner, review of previous Phase I and Phase II ESA reports and our review of historic land use utilizing readily available historical photographs, and topographic maps, land use at the subject site has involved agriculture activities, including a vineyard and cattle grazing, since at least 1976. The site is currently vacant.
- Properties adjacent to, and surrounding, the subject site currently consist of vacant land, and residential and agricultural properties. There were no readily visible indications of adverse land usage observed on the surrounding properties that could contribute to significant hazardous waste/materials and/or petroleum contamination to the subject property, provided lawful procedures are being followed for operations and disposal of wastes.
- During our October 28, 2015 site reconnaissance, GSI observed the majority of the subject site as vacant land. Portions of the east side of the site were graded. The

southeastern portion of the subject site was occupied by an abandoned worker's camp with six structures. A corral was observed in the southwest portion of the property.

- GSI observed one drum labeled as containing herbicide, and two unidentified drums. The drums were in good condition with no evidence of spills or leaks.
- Based upon our review of the government agency database records search, the subject site does not appear on any database indicating the presence or unauthorized release of hazardous substances or petroleum products.

There are a total of 23 mapped sites in the agency database radius search. Based upon their status, distance, and/or general down- or cross-groundwater gradient location relative to the subject site these potential risk sites are not considered RECs.

- Based on the age of the existing structures at the site, it is possible that building components may contain asbestos-containing materials (ACMs) and lead-based paints (LBPs), and are an REC. If ACMs and LBPs are found to be present, special handling and disposal techniques will be necessary under the oversight of a qualified consultant.
- Recent inquiries made to the Santa Ana Regional Water Quality Control Board (SARWQCB) yielded no information pertaining hazardous materials at the subject site. In addition, GSI reviewed the State Water Resources Control Board (SWRCB) GeoTracker website and the Department of Toxic Substances Control (DTSC) EnviroStor website. The subject site does not appear on the GeoTracker or EnviroStor websites.
- A review of Riverside County Flood Control and Water Conservation District (RCFCWCD) maps indicates sludge was not applied to the site.
- Based upon information provided in a previous Phase I ESA report, three water supply wells are located on the subject property. One well was observed in the southwestern portion and one was observed near the center of the southern property boundary. The third well is thought to be located in the former worker's camp. Depth to groundwater in the wells reportedly ranges from 10 to 24 feet below ground surface (ACE Environmental [ACE, 2007]). Based on topography, the regional groundwater flow direction is estimated to be generally to the southwest. No surface water was observed onsite during GSIs site reconnaissance.
- There does not appear to be a documented and/or reported commercial or industrial facility, or a municipal landfill, within a 1-mile radius that represents a significant environmental concern to the subject site.

- Soil sampling conducted in conjunction with the Phase I ESA activities revealed that organochlorine pesticides were not present above laboratory reporting limits. Title 22 metals were not present at concentrations exceeding Regional Screening Levels (RSLs), with the exception of arsenic, which was detected at concentrations generally within documented background levels.
- Vapor Encroachment Screening (VES) in general accordance with ASTM E2600 indicates that vapor migration from subsurface soil is unlikely to be an issue at the property.
- Based on information provided in a previous Phase I ESA, as well as information in the database report, two 4,000-gallon USTs were removed under the oversight of the Riverside County Department of Environmental Health (DEH) from the subject site in 1990. Soil samples were collected, and analytical results identified the presence of low concentrations of TRPH beneath the former diesel UST. However, no further actions were mandated by the DEH, and no restrictions were placed on the property. Therefore, the former USTs at the subject property represent an historic REC (HREC).
- Other than the above, this assessment has revealed no obvious evidence of recognized environmental conditions in connection with the subject site.

CONCLUSIONS SUMMARY

GSI has performed this Phase I ESA and Limited Phase II Soil Evaluation in general conformance with the scope and limitations of ASTM Practice E 1527-13 for the subject property located in the Temecula Area, Riverside County, California. This practice is intended, by the ASTM Committee E 50, to be a general guideline standard and used on a voluntary basis. Any major exceptions to, or deletions from, this practice are described in the relevant sections of this report.

GSI declares that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all the appropriate inquiries in general conformance with the standards and practices set forth in 40 CFR Part 312. Resumes of GSI personnel who worked on this project are included in Appendix G (provided as PDF copy on CD data disc only)

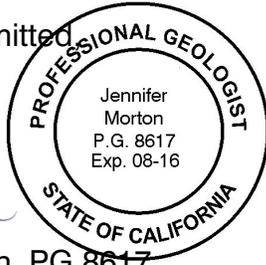
We appreciate the opportunity to be of service to you. If you have any questions pertaining to this report or any other matter, please do not hesitate to call us at (760) 438-3155.

Respectfully submitted

GeoSoils, Inc.

Jennifer Bauer Morton

Jennifer B. Morton, PG 8617
Project Geologist



John P. Franklin

John P. Franklin
Registered Environmental Property Assessor,
NREP 461992, CEG 1340



JBM/JPF/jh

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TEMECULA AREA, RIVERSIDE COUNTY, CALIFORNIA**

INTRODUCTION

Purpose and Scope

In accordance with our proposal and the Client's (Standard Portfolios, LLC) authorization, GSI has completed this Phase I ESA and Limited Phase II Soil Evaluation report covering the subject property, the location of which is illustrated in Figure 1 (Site Location Map). The subject property is described as:

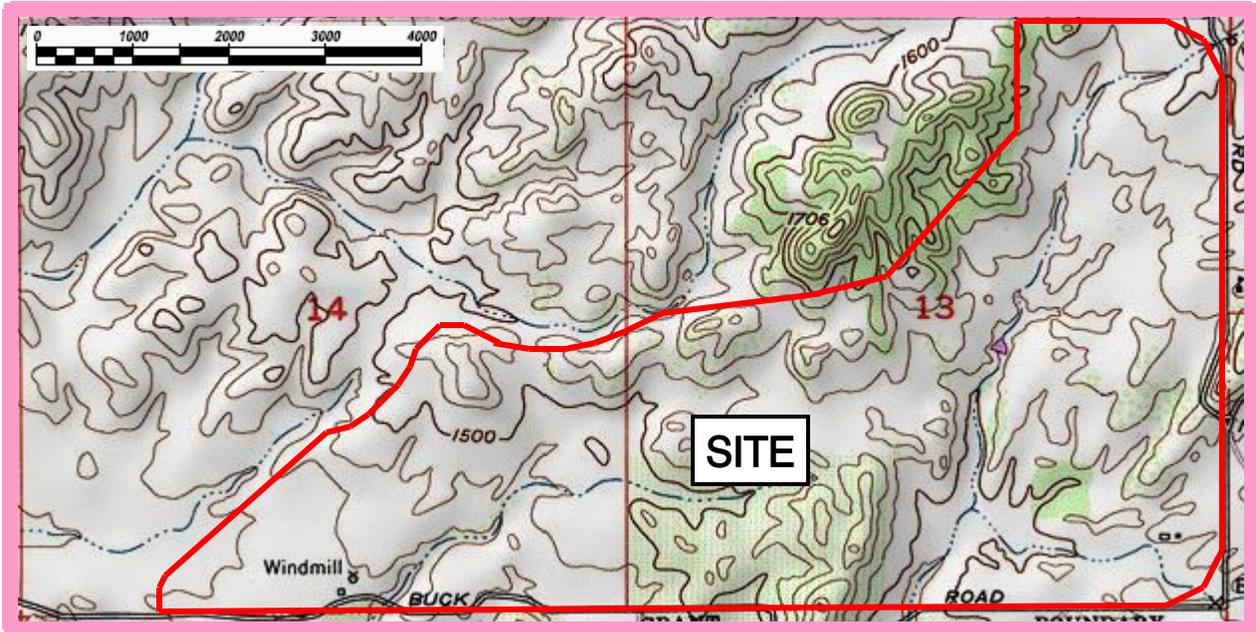
**APNs: 964-160-004, -005, -007, -009
Temecula Area, Riverside County, California**

This ESA was prepared for the purpose of assessing, to the extent practical, the potential for *recognized environmental conditions* from past, present, or future uses at the subject property. A *recognized environmental condition (REC)* is defined by ASTM Standard E 1527-13 as:

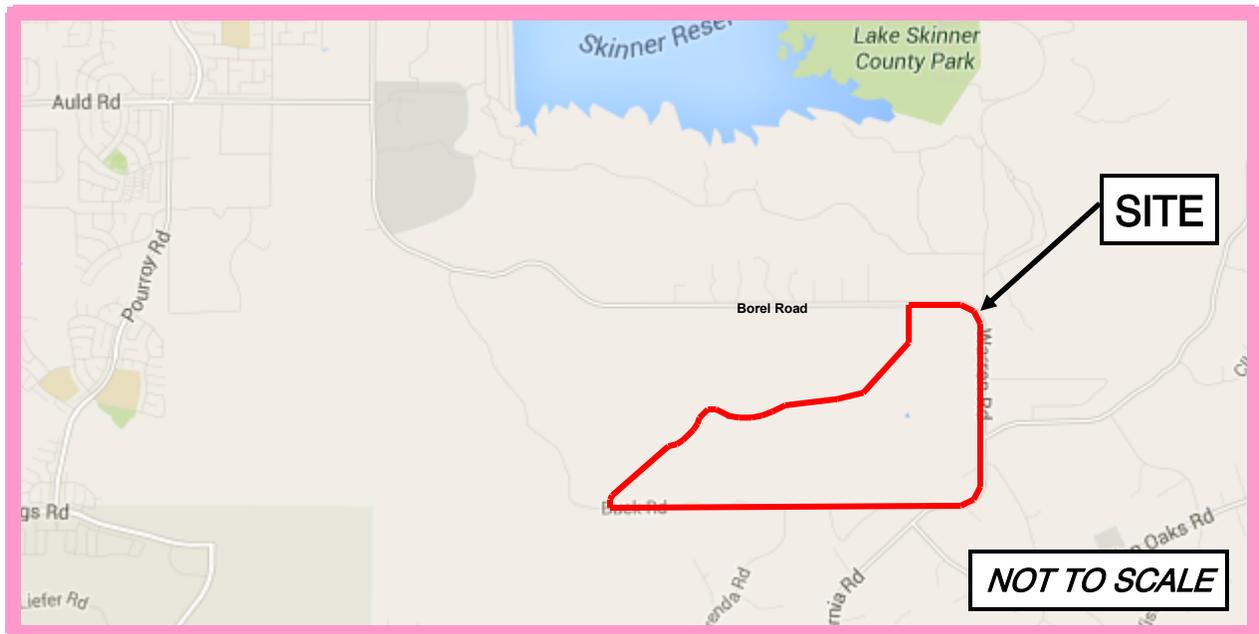
The presence or likely presence, of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

The scope of work included:

1. A review of the subject property's geologic and hydrogeologic setting;
2. A review of historical maps for the site to assess the subject property's historical land utilization and for indications of potential contamination or sources of contamination;
3. A reconnaissance of the subject property and surrounding areas to visually assess current utilization and for indications of potential surface contamination (photos provided in Appendix B as a PDF document on the CD data disc); and
4. A review of government database documents concerning available pertinent environmental information for the subject property (Appendix C, only on the compact disc as a PDF document);



Base Map: TOPO! Copyright 2003 National Geographic, USGS Bachelor Mountain Quadrangle, California -- Riverside Co., 7.5 Minute, dated 1973.



Base Map: Google Maps, Copyright 2015, Map Data Copyright 2015 Google

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	W.O. E6872-SC
<h1>SITE LOCATION MAP</h1>	
Figure 1	



5. Limited soil sampling to evaluate the presence of pesticides, arsenic, lead, and petroleum hydrocarbons, based on historical site usage (Appendix F), and;
6. Preparation of this report, which relates the findings of these studies and presents GSI's conclusions and recommendations.

Limitations and Exceptions

This study does not include any of the following:

- Subsurface or geotechnical evaluation of the subject property;
- Water sampling and analyses, including potable water sources;
- Identification or evaluation of wetlands;
- Identification or evaluation of biological concerns;
- Consideration of possible future contamination of the subject property from adjacent or surrounding facilities or properties; and,
- Asbestos, methane, radon gas, mold, lead paint, or electromagnetic evaluation(s).

Terms and Conditions

This report is intended for the use of the Client. The contents should not be relied upon by any party other than the aforementioned without the express written consent of GSI.

This report does not consider possible future contamination of the subject property from adjacent or surrounding facilities or properties. All judgments concerning adjoining properties apply only to conditions observed during the time of the on-site reconnaissance.

SITE DESCRIPTION AND RECONNAISSANCE OBSERVATIONS

Site/Project Description

The project area consists of relatively flat to steeply sloping terrain located west of Warren Road, north of Buck Road, and south of Borel Road in the Temecula area of Riverside County, California (see Figure 1, Site Location Map). The site is located in the Sections 13 and 14, Range 2 West, Township 7 South of the U.S. Geological Survey (USGS) 7.5' Bachelor Mountain, California Quadrangle. The site includes four parcels of land totaling approximately 633.72 acres in size, which was historically used for agricultural purposes, including vineyards and cattle grazing. The southeastern portion of the property is occupied by six abandoned structures which were reportedly formerly used as a worker's camp. Based on information provided in a previous Phase I ESA report, three septic tanks were present within the worker's camp. A water well and abandoned corral are present in the southwestern portion of the property. Portions of the east side of the property were previously graded. The remainder of the subject site is undeveloped land. Minor amounts

of scattered trash was observed at various locations on the property. Site elevations range from approximately 1,439 to 1,641 feet above Mean Sea Level (MSL). Site drainage appears to be directed to the south and southwest.

Proposed Development

According to a review of the illustrative development plan prepared by Engineering Solutions (ES, 2015), it is our understanding that the property is proposed to be developed for residential, recreational, commercial, and vineyard use. The development concept is proposed to include several estate (vineyard) lots, an 18-hole golf course with surrounding single- and multi-family structures, commercial vineyards, and an associated winery resort and hotel complex.

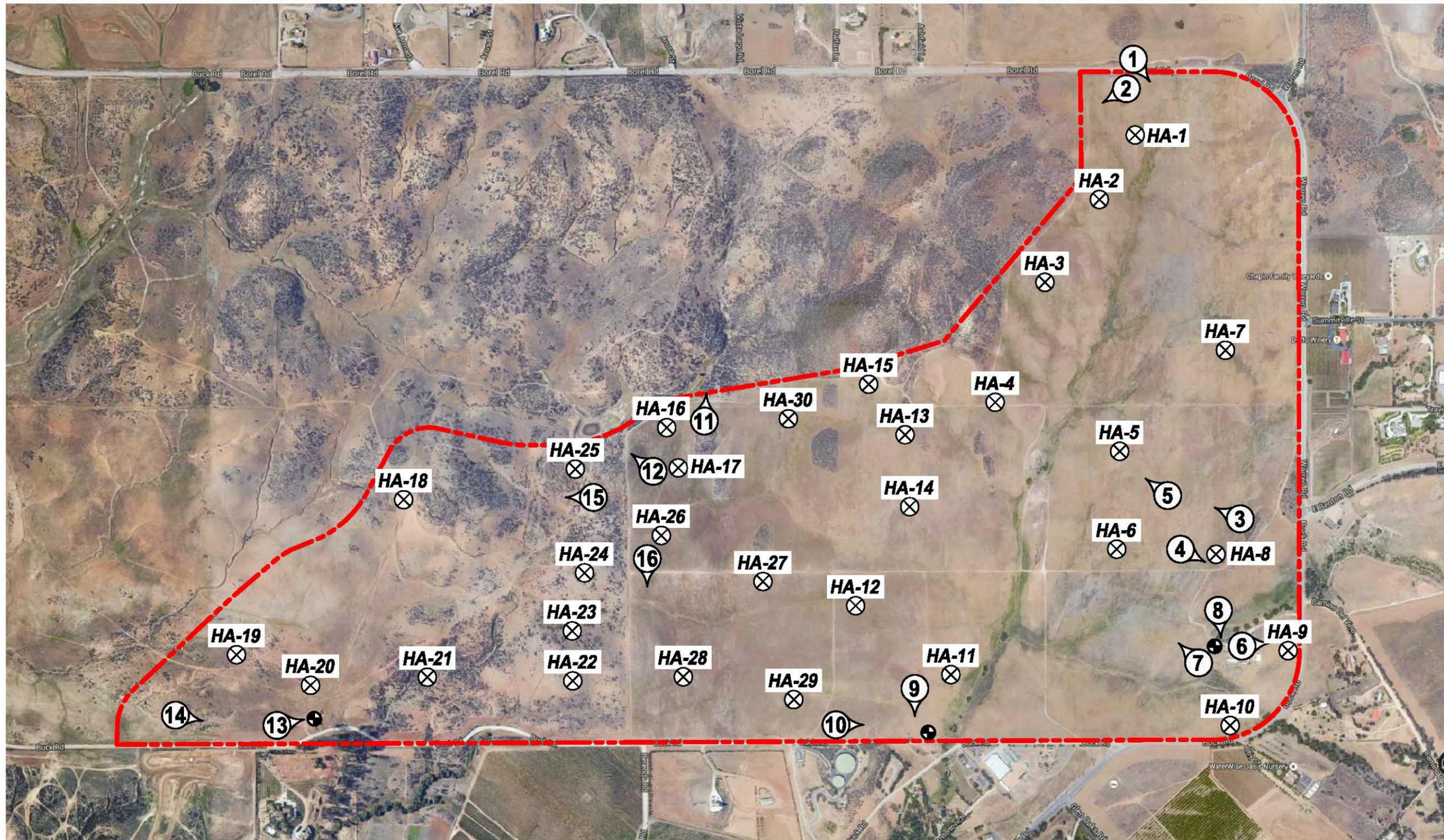
RECENT OBSERVATIONAL RECONNAISSANCE

Onsite and Border Zone Reconnaissance

On October 28, 2015, a GSI representative (Ms. Jennifer Morton) visited the subject property to assess current site utilization and observe for signs of possible contamination, which included walking the site and remote sensing the surrounding properties from the subject site and roadways. Features observed during the site reconnaissance are described below and illustrated on the Site Map (see Figure 2). An aerial photograph downloaded from Google Earth was utilized as an initial base map. Photographs of the subject property are presented in Appendix B on the CD data disc. The photograph locations and viewpoints are also indicated on Figure 2 (Site Map).

GSI only observed readily accessible areas of the site. The weather during the site reconnaissance was overcast. There were no visibility limitations due to weather conditions.

- **Buildings on the Property, and General Usage** – The majority of the subject site is vacant land. Six abandoned structures are located in the southeast portion of the property and are associated with a former worker's camp. A corral was observed in the southwest portion of the property.
- **Drum Storage** – One drum labeled as containing herbicide was observed in the southeastern portion of the property, north of the worker's camp. Two additional unidentified drums were also observed; one containing a small amount of liquid with an oily sheen. No evidence of spills or leaks were observed in the vicinity of the drums. Therefore, drum storage is not considered an REC.
- **Storage Tanks** - Our field observations indicated that there are no obvious signs of USTs. However, according to a previous Phase I ESA, two fuel USTs and five

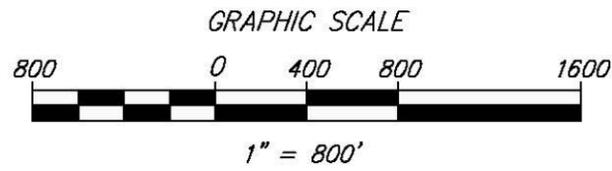


GSI LEGEND

-  — APPROXIMATE LOCATION OF SITE PHOTOGRAPH SHOWING DIRECTION OF VIEW
-  — APPROXIMATE LOCATION OF HAND-AUGER BORING
-  — APPROXIMATE LOCATION OF WELL
- — APPROXIMATE AREA UNDER THE PURVIEW OF THIS REPORT

ALL LOCATIONS ARE APPROXIMATE

This document or file is not a part of the Construction Documents and should not be relied upon as being an accurate depiction of design.



GeoSoils, Inc.

SITE MAP

Figure 2

W.O. E6872-SC DATE: 12/15 SCALE: 1" = 800'

ASTs were previously located at the subject site. Although the USTs were removed in accordance with County of Riverside regulations, the former USTs represent a potential environmental concern.

- **Hazardous Chemical/Material Use, Storage, and Disposal** – No evidence of the current use, storage, or disposal of hazardous chemicals was observed at the subject site. Therefore, hazardous chemicals do not represent an REC.
- **Potential Sources of Polychlorinated Biphenyls (PCBs)** – No evidence of the presence of transformers or other equipment which may contain PCBs were observed at the subject site. Therefore PCBs are not an REC.
- **Electromagnetic Evaluation** - The evaluation of electric and magnetic fields (EMF) onsite is beyond this current scope of work. No high-tension power lines were observed in the vicinity of the subject property.
- **Utility Structures, Roads, Disposal Systems, Water Wells** - Access to the site is via a dirt road on the northern property boundary, and dirt driveway on the eastern property boundary, near the southeastern portion of the property, leading to the former worker's camp. Various dirt roads are present throughout the property. Three water wells are reportedly present on the property. One well was observed in the southwestern portion and one was observed near the center of the southern property boundary. The third well is thought to be located in the former worker's camp.
- **Hydraulic Lifts** - GSI did not observe readily visible evidence of hydraulic lifts on the subject property. Thus, hydraulic fluids associated with hydraulic lifts are not an REC.
- **Use, Storage, and Disposal of Petroleum Products** - GSI did not observe readily visible evidence of the use, storage, or disposal of petroleum products on the subject property. As noted previously, two USTs were formerly located at the subject site. The USTs reportedly contained gasoline and diesel fuel. Five ASTs were reportedly previously located at the subject site; however, their contents was not identified. No evidence of substantial leaks or spills was observed during the site reconnaissance, therefore the former presence of ASTs is not considered a REC. However, the former presence of fuel USTs is a potential environmental concern.
- **Paint Booths** - GSI did not observe readily visible evidence of paint booths on the subject property during our site reconnaissance. Thus, paint booths are not considered an REC.

- **Battery Storage and Disposal** - No readily visible evidence of battery storage or disposal was observed at the site. Thus, battery storage and disposal are not considered an REC.
- **Vehicle/Equipment Maintenance Areas** - GSI did not observe vehicle/equipment maintenance areas at the subject property. Therefore, maintenance areas are not considered an REC.
- **Sumps** - GSI did not observe readily visible evidence of unlined sumps on the subject property. Therefore, sumps are not considered an REC.
- **Clarifiers** - GSI did not observe readily visible evidence of clarifiers on the subject property. Therefore, clarifiers are not considered an REC.
- **Oil/Water Separators** - GSI did not observe readily visible evidence of oil/water separators on the subject property. Thus oil/water separators are not considered an REC.
- **Septic Systems** – According to the previous Phase I ESA report, three septic tanks are located in the former worker’s camp. GSI observed a pipe which may be related to the septic system. Septic systems are not typically considered RECs; however, the presence of septic tanks should be considered during redevelopment activities.
- **Floor Drains** - GSI did not observe readily visible evidence of floor drains. Therefore, floor drains are not considered an REC.
- **Waste Pits, Ponds, and Lagoons** - GSI did not observe readily visible evidence of waste pits, ponds or lagoons on the subject property. Therefore, waste pits, ponds, and lagoons are not considered an REC.
- **Dry Cleaning Operations** - No evidence of dry cleaning operations was observed on the subject property. Therefore, dry cleaning operations are not an REC.
- **Wastewater** – No readily visible evidence of wastewater disposal was observed during the site reconnaissance. Onsite storm water likely follows surficial topography onsite.
- **Environmental Releases and Spills** - No evidence of spills or releases of hazardous chemicals or materials in the form of stained soil or significant odor was readily observed. However, pesticides have been used on the property in connection with farming and nursery operations. Further evaluation of the potential presence of pesticides in soil at the subject site is discussed herein.

- **Asbestos Containing Materials (ACMs) and Lead-Based Paints (LBPs)** - Based on their ages, the existing structures may contain ACMs and/or LBPs.
- **Methane and Nitrates** - Methane and nitrate evaluations were not a part of our scope of work for this study.
- **Mold** - An evaluation of the presence of mold is beyond the scope of this current study.
- **Radon** - A detailed radon survey was not a part of this update ESA; however, the potential for radon gas accumulation is low in southern California. A recent publication by the American Society of Testing and Materials (ASTM) suggests that the Pacific coastal range areas are expected to have a low to moderate radon potential. In addition, a study reported by the Los Angeles Times (Nagda, 1994) and California Environmental Protection Agency (CAL EPA) suggested a very localized geographic radon issue within the state. California school officials found virtually no elevated radon levels in public schools (Nagda, 1994). Because of this, and due to the generally mild climate in southern California and open-air condition of the site, the potential for radon gas accumulation is not considered a significant environmental threat.

In 1990, the State of California (1990) conducted a radon survey in the state. The results of the survey indicate that for the 182 samples obtained in Region 9, which included Los Angeles, Riverside, San Bernardino, Orange, San Diego and Imperial Counties, the arithmetic mean radon levels were 0.6 pCi/l. This average total is below the radon action level of 4 pCi/l.

- **Solid Waste Landfills (SWLF)** - The subject site is not a SWLF, therefore, SWLFs are not considered an REC.
- **Oil and Gas Well Activity** - GSI did not observe readily visible evidence of oil or gas wells on the subject property during our site reconnaissance. According to the Regional Wildcat Map provided on the State of California - Department of Conservation Division of Oil, Gas & Geothermal Resources (2015) website (<http://maps.conservation.ca.gov/doms/doms-app.html>), there are no wildcat gas or oil wells on the subject site or within a 1-mile radius. Thus, wildcat oil and gas wells are not considered an REC.

Border Zone Reconnaissance

The subject site is bordered to the north by Borel Road, to the east by Warren Road, to the west by vacant land, and to the south by Buck Road. Properties adjacent to, and surrounding, the subject site currently consist of vacant land, and residential and agricultural properties. There were no readily visible indications of adverse land usage

observed on the surrounding properties that could contribute to significant hazardous waste/materials and/or petroleum contamination to the subject property, provided lawful procedures are being followed for operations, and for disposal of wastes.

Photographic Record

Representative color photographs have been taken of the various items mentioned in the site reconnaissance observations presented above. These photographs are presented in Appendix B.

LOCAL GEOLOGIC AND HYDROGEOLOGIC SETTING

Geology

The subject property is located within a prominent natural geomorphic province in southwestern California known as the Peninsular Ranges. It is characterized by steep, elongated mountain ranges and valleys that trend northwesterly. The mountain ranges are generally underlain by basement rocks consisting of pre-Cretaceous metasedimentary rocks, Jurassic metavolcanic rocks, and Cretaceous plutonic rocks of the southern California batholith.

Site Geology

Based on previous geotechnical investigations and review of the Geologic Map of the Bachelor Mountain 7.5-minute Quadrangle, the subject property is underlain by undocumented fill, alluvium and colluvium/topsoil, underlying sediments assigned to the Quaternary-aged Pauba Formation, and undifferentiated crystalline rock composed of Cretaceous-aged granitics and localized metamorphic “roof pendant” rocks consisting of slate, phyllite, schist and quartzite assigned to the Jurassic-aged Bedford Canyon Formation (Morton and Kennedy, 2003; GSI, 2015). Our review indicates no known faults are crossing the site area, and the site is not within an Alquist-Priolo Earthquake Fault Zone, however, the western portion of the site is located within a County Fault Zone. Portions of the site have been mapped as being susceptible to liquefaction (GSI, 2015).

Site Soils

According to the United States Department of Agriculture Web Soil Survey website (<http://websoilsurvey.sc.egov.usda.gov>), as well as information provided by EDR, onsite soils consist of the Carlsbad gravelly loamy sand. The attributes of these soils are described in the following table:

SOIL TYPE (MAP UNIT)	OCCURRENCE	DRAINAGE CLASS	RUNOFF RATE	EROSION HAZARD	AVAILABLE WATER CAPACITY (inches)
Arlington and Greenfield fine sandy loams, 2 to 8 percent slopes, eroded (AtC2)	Alluvial fans	Well drained	High	Moderate	3.2
Auld clay, 2 to 8 percent slopes (AuC)	Hills	Well Drained	Very High	Moderate	6.9
Cajalco fine sandy loam, 8 to 15 percent slopes (CaD2)	Hills	Well Drained	Medium	Severe	3.4
Cajalco rocky fine sandy loam, 15 to 50 percent slopes, reoded (CkF2)	Hills	Somewhat excessively drained	Medium	Severe	1.3
Cajalco rocky fine sandy loam, 15 to 50 percent slopes, eroded (CbF2)	Hills	Well drained	High	Severe	2.7
Cineba sandy loam, 15 to 50 percent slopes, eroded (ChF2)	Hills	Somewhat excessively drained	Medium	Severe	1.4
Friant fine sandy loam, 5 to 25 percent slopes, eroded (FwE2)	Hills	Well drained	Low	Severe	1.6
Hanford fine sandy loam, 0 to 2 percent slopes (HgA)	Alluvial fans	Well drained	Very low	Slight	7.0
Escondido fine sandy loam, 8 to 15 percent slopes, eroded (EcD2)	Hills	Well drained	Medium	Severe	5.0
Grangeville fine sandy loam, saline-alkali, 0 to 5 percent slopes (GvB)	Alluvial fans	Somewhat poorly drained	Low	Slight	6.0
Las Posas loam, 2 to 8 percent slopes (LaC)	Hills	Well drained	Very high	Moderate	5.0
Las Posas loam, 8 to 15 percent slopes, eroded (LaD2)	Hills	Well drained	Very high	Severe	5.0
Las Posas loam, 8 to 15 percent slopes, eroded (LaE3)	Hills	Well drained	Very high	Severe	3.2
Lodo gravelly loam, 15 to 50 percent slopes, eroded (LoF2)	Hills	Somewhat excessively drained	High	Severe	1.1
Lodo rocky loam, 25 to 50 percent slopes, eroded (LpF2)	Hills	Somewhat excessively drained	High	Severe	1.1
Placentia fine sandy loam, 0 to 5 percent slopes (PIB)	Alluvial fans, terraces	Moderately well drained	Very high	Moderate	4.8
Ramona sandy loam, 2 to 5 percent slopes, eroded (RaB2)	Alluvial fans, terraces	Well drained	Low	Moderate	8.1

SOIL TYPE (MAP UNIT)	OCCURRENCE	DRAINAGE CLASS	RUNOFF RATE	EROSION HAZARD	AVAILABLE WATER CAPACITY (inches)
Vista coarse sandy loam, 8 to 15 percent slopes, eroded (VsD2)	Hills	Well drained	Low	Moderate	2.4
Vista coarse sandy loam, 15 to 35 percent slopes, eroded (VsF2)	Hills	Well drained	Low	Severe	2.4

Hydrogeology

According to the California Regional Water Quality Control Board – San Diego Region (CRWQCB, 1994), the subject property is located within the Bachelor Mountain Hydrologic Subarea (HSA 4.21) of the Auld Hydrologic Area (HA 4.20) of the Santa Margarita Hydrologic Unit (HU 4.00). The Carlsbad Hydrologic Unit falls within Region 9 (San Diego Region) of the State of California Regional Water Quality Control Board (CRWQCB) Hydrologic Basin Planning Area (SA 9.00). Groundwater within this area is designated as having beneficial uses for municipal, agricultural, and industrial supply (CRWQCB, 1994).

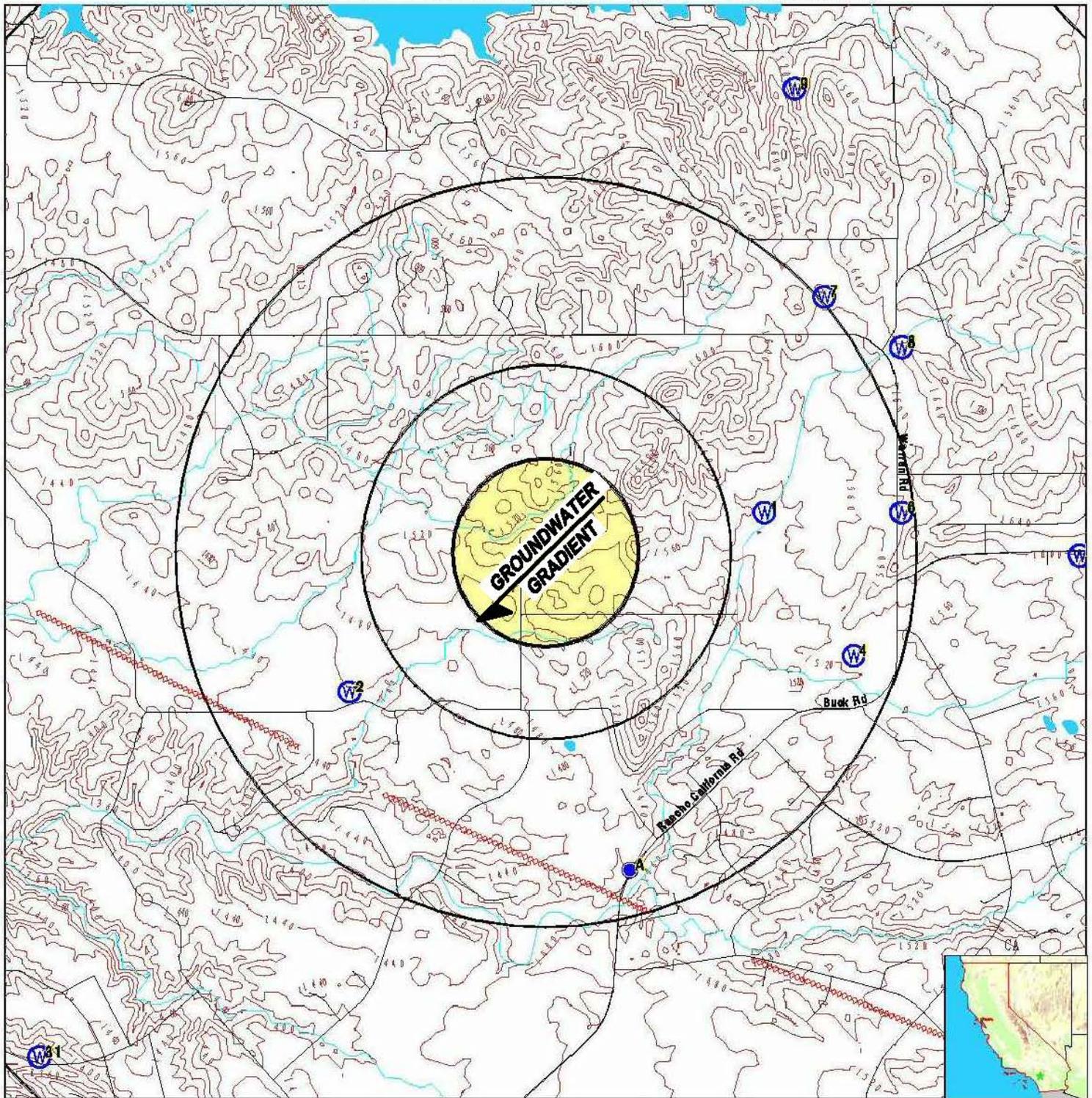
According to a previous Phase I ESA, three groundwater wells are present at the subject property. Two were observed during the site reconnaissance, and one could not be located. The wells were identified as State Wells 07S02W13R001S, 07S02W13G001S, and 07S02W13N001S. Depth to groundwater ranged from approximately 10 to 24 feet bgs in 1968. Based on topography (which is often indicative, but not always conclusive of groundwater flow direction), the regional groundwater flow direction is estimated to be generally to the southwest (see Figure 3, Groundwater Gradient Map). Please note that many variables influence groundwater depth and flow direction, and the actual depth and direction at the site may be different than the estimates presented. No surface water was observed onsite during GSIs site reconnaissance.

RESULTS OF SITE HISTORICAL REVIEW

General

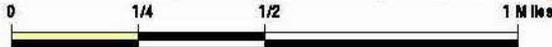
As part of this assessment, GSI reviewed historical aerial photographs, topographic maps, and city directory listings provided by Environmental Data Resources, Inc. (EDR) to evaluate potential environmental risks related to past activities occurring on the subject site and surrounding properties. GSI requested Sanborn Fire Insurance Maps as part of our historical records review. However, these maps were unavailable for the subject site. A statement indicating the unavailability of Sanborn Fire Insurance Maps for the subject site is included in Appendix C on the CD data disc.

PHYSICAL SETTING SOURCE MAP - 4435993.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Twelve Oaks Project	CLIENT: GeoSoils, Inc.
ADDRESS: 38901 Warren Road Winchester CA 92596	CONTACT: Todd A. Greer
LAT/LONG: 33.5607 / 117.0475	INQUIRY #: 4435993.2s
	DATE: October 12, 2015 7:48 pm

GeoSoils, Inc.

GROUNDWATER GRADIENT MAP

Figure 3

W.O. E6872-SC	DATE: 12/15	SCALE: N/A
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No significant data gaps were encountered in preparation of this Phase I ESA. Data gaps included the years 1901 through 1947, 1947 through 1953, 1953 through 1967, 1967 through 1973, 1978 through 1984, 1984 through 1996, and 1996 through 2002. These gaps were due to the limited records which were reasonably ascertainable in this area at the time. However, it is our opinion that additional historic information, if it were to become available, generally would not significantly change the conclusions and recommendations of this assessment; however, this potential cannot be entirely precluded.

Summary of Historical Aerial Photograph and Historical Map Reviews

Historical Aerial Photograph Review

Historical aerial photographs were reviewed as a part of this assessment for indications of historical land utilization, and for signs of potential hazardous materials/waste and/or petroleum storage, usage, contamination, or disposal areas. Historical photographs were provided by EDR and included the years 1953, 1967, 1976, 1984, 1996, 2002, 2005, 2009, 2010, and 2012. A summary of our review is provided in Table 1. The historical aerial photographs are included in Appendix C on the CD data disc.

TABLE 1 - HISTORIC AERIAL PHOTOGRAPH REVIEW SUMMARY		
DATE	SUMMARY	SCALE
1953	The western portion of the subject site appears to be vacant, undeveloped land. The northeastern portion appears to be cleared of vegetation. At least three small structures are present in the southeastern portion of the property. The property is bordered to the east by a dirt road. Portions of the southern boundary are bordered by a dirt road. Surrounding properties are undeveloped.	1" = 1,000'
1967	The southern and eastern portions of the subject site appear to be cleared of vegetation. A dam and a pond are present near the center of the subject site. A property to the south of the eastern portion of the subject site is used for agricultural purposes. Other surrounding properties appear similar to the 1953 photograph.	1" = 1,000'
1976	The majority of the subject site appears to be used for agricultural purposes. Portions of the west side of the property appear to be cleared of vegetation. A dam and lake are present near the center of the east side of the property. A lake is present near the structures in the southeast corner of the property. A small structure is present on the west side of the property, near a grove of trees along the southern property boundary. Surrounding properties appear similar to the 1967 photograph, with additional agricultural properties and scattered structures to the south and east. A water tank is present to the south of the subject site.	1" = 1,000'
1984	The subject site and surrounding properties appear similar to the 1976 photograph, however, the pond does not appear to be present in the southeastern portion of the property. The roadway bordering the subject site to the east is paved. A portion of the roadway bordering the subject site to the south is paved; other bordering roads remain unpaved. An additional water tank is present to the south.	1" = 1,000'

TABLE 1 - HISTORIC AERIAL PHOTOGRAPH REVIEW SUMMARY		
DATE	SUMMARY	SCALE
1996	The subject site appears similar to the 1984 photograph; however, additional structures appear to be present in the southeastern portion of the property. A canal appears to trend from the lake towards the southern property boundary, and two tributaries trend eastward and northeastward. Small, white, rectangular features line the southernmost eastward-trending canal. Surrounding properties appear similar to the 1984 photograph.	1"= 1,000'
2002	The subject site and surrounding properties appear similar to the 1996 photograph, however, multiple small circular features are present in the center of the southern portion of the property. The eastward-trending canals and rectangular features, as well as the lake, are no longer present.	1"= 1,000'
2005	The subject site and adjacent properties appear similar to the 2002 photograph.	1"= 1,000'
2009	The subject site and adjacent properties appear similar to the 2005 photograph.	1"= 1,000'
2010	The subject site and adjacent properties appear similar to the 2009 photograph.	1"= 1,000'
2012	The subject site and adjacent properties appear similar to the 2010 photograph.	1"= 1,000'

Historical Topographic Map Review

In addition to reviewing historical aerial photographs, GSI reviewed historical topographic maps for this update Phase I ESA. This included a review of historical topographic maps for the years 1901 (Elsinore Quadrangle), 1901 (Southern California Sheet 1), 1947 (Murrieta Quadrangle), 1953 (Bachelor Mountain Quadrangle), 1973 (Bachelor Mountain Quadrangle), and 1978 (Bachelor Mountain Quadrangle) were provided by EDR. A summary of our review is provided in Table 2. The historical topographic maps are included in Appendix C on the CD data disc.

TABLE 2 - HISTORIC TOPOGRAPHIC MAP REVIEW SUMMARY		
DATE	SUMMARY	SCALE
1901	The site and surrounding properties are vacant. The elevation of the subject site ranges from approximately 1400 to 1700 feet.	1:125,000
1901	The subject site and surrounding properties are vacant. Elevations could not be determined at this scale.	1:250,000
1947	One small structure is present in the southeastern corner of the property. Two creeks cross the southeastern portion of the property. Paved roads border the property to the east and south. A dirt road is present to the north. Scattered small structures are present in the surrounding area. Hyatt school is depicted to the east. The elevation of the subject site ranges from approximately 1,400 to 1,700 feet.	1:50,000

TABLE 2 - HISTORIC TOPOGRAPHIC MAP REVIEW SUMMARY		
DATE	SUMMARY	SCALE
1953	An additional structure is present on the southeastern corner of the subject site. At least four creeks traverse the property. Orchards are present in the eastern portion of the site and near the center of the southern portion, and small groups of trees are scattered throughout the site. A windmill and small structure are present along the southern property boundary. Orchards are present to the northwest, east, and south. The Hyatt school has been abandoned. The elevation of the subject site ranges from approximately 1,400 to 1,700 feet.	1:24,000
1973	The subject site and surrounding properties appear similar to the 1953 map, however, the road along the northern property boundary is paved.	1:24:000
1978	The subject site and surrounding properties appear similar to the 1973 map.	1:24,000

City Directory Listings

Historical city directory listings, published by Haines Company, Inc. and Cole Information Services for the years 1985, 1990, 1992, 1995, 1999, 2003, 2008, and 2013, were provided by EDR. These listings were reviewed for past names of businesses or occupants listed for the subject property and adjoining properties to help evaluate historic land use. A summary of the listings are presented in Appendix C on the CD data disc.

Addresses of Potential Concern

Addresses of potential concern are businesses which may represent potential environmental concern such as gas stations, automotive repair shops, and dry cleaners or other businesses believed to store, handle, transport, or dispose of hazardous waste. No addresses of potential concern were identified in historical City Directories.

Review of Previous Reports

GSI reviewed *Phase I Environmental Site Assessment, Callaway Winery Property, Located at 38901 Warren Road, Temecula, Riverside County, California, 92569*, dated February 19, 2007, prepared by ACE Environmental, LLC. No RECs were identified during the previous site assessment. However, ACE Environmental identified several environmental concerns, including the presence of three septic tanks, suspect ACM and LBP, three onsite wells, two previous USTs, and historical pesticide/herbicide application. ACE recommended proper abandonment of the septic tanks and water wells, ACM and LBP surveys, and soil sampling prior to redevelopment. ACE noted that, although the USTs were granted closure by the DEH, closure requirements in place in 2007 differed from 1990 requirements, and suggested that the client may wish to perform additional subsurface investigations.

Chain-of-Title Documents, Environmental Liens, and Activity/Use Limitation Searches

An environmental lien and Activity/Use Limitation (AUL) search was performed by EDR. According to information provided by EDR (Appendix C on the CD data disc), no environmental liens or AULs exist for the subject site. A chain-of-title search was not furnished or requested by the client and such a search was beyond the scope of this Phase I ESA.

RESULTS OF GOVERNMENT AGENCY/DOCUMENTS REVIEW

List of Government Agencies and Databases Reviewed

The purpose of this task is to obtain and review records that will help identify Recognized Environmental Conditions in connection with the subject property. In compliance with ASTM Standard of Practice E 1527-13, a search of selected federal and state government databases was conducted for GSI, by EDR. Zoning/Land Use Records were not readily available, and thus were not reviewed for this study. Following is a list of the agency databases reviewed for this report. Search distances are per the ASTM standard.

TABLE 3 - LIST OF DATABASES SEARCHED			
FEDERAL ASTM STANDARD	STATE AND LOCAL ASTM STANDARD	FEDERAL ASTM SUPPLEMENTAL	STATE OR LOCAL ASTM SUPPLEMENTAL
NPL	RESPONSE	US Brownfields	WMUDS/SWAT
Proposed NPL	ENVIROROSTOR	US CDL	SCH
NPL Liens	SWF/LF	RCRA NonGen/NLR	Local HMMD
Delisted NPL	San Diego Co. SAM	DOT OPS	Toxic Pits
CERCLIS	UST/Indian UST	FUDS	CDL
NFRAP	FEMA UST	CONSENT	HIST CDL
CORRACTS	LUST/Indian LUST	ROD	ODI/Indian ODI
RCRA-TSDF	SLIC	UMTRA	DEED
RCRA-LQG	AST	TRIS	Liens
RCRA-SQG	VCP/Indian VCP	UMTRA	Liens 2
RCRA-CESQG		US Mines	NPDES
Federal IC/EC/LUCIS		TSCA	CA BOND EXP
ERNS		FTTS	CA FID UST
		Hist FTTS	SWEEPS UST
		ICIS	HIST UST
		PADS	CORTESE
		SSTS	CHMIRS

TABLE 3 - LIST OF DATABASES SEARCHED			
FEDERAL ASTM STANDARD	STATE AND LOCAL ASTM STANDARD	FEDERAL ASTM SUPPLEMENTAL	STATE OR LOCAL ASTM SUPPLEMENTAL
		MLTS	CUPA
		RADINFO	PRP
		FINDS	WDS
		INDIAN RESERV	LDS
		EMI	Drycleaners
		HMIRS	Spills 90
		RAATS	Debris Region 9
		HAZNET	SWRCY
		UIC	ENF
		SCRD Drycleaners	HWT
		MWMP	HWP
		Coal Ash DOE	Financial Assurance
		Coal Ash EPA	WDS
		Lead Smelters	Haulers
		2020 Corr Action	
		US Airs	
		PRP	
		EPA Watch List	
		US Fin Assur	
		PCB Transformer	
		PROC	
		MCS	
*Details and descriptions of these databases can be found in Appendix C on the CD data disc.			

Government database records indicated 23 geocoded and 1 non-geocoded site within the specified search radius. The following is a summary of the governmental database records research:

NPL Sites

The National Priorities List (NPL) is a list of contaminated sites that are considered the highest priority for cleanup by the EPA. The search radius for NPL sites is 1 mile. The site is not on the NPL List and the database search did not identify any NPL sites within a 1-mile radius of the subject site.

Proposed NPL Sites

Proposed NPL Sites are site currently under consideration by the EPA for inclusion on the NPL. The search radius for proposed NPL sites is 1 mile. The subject site is not on the proposed NPL list and the database search did not identify any proposed NPL sites within a 1-mile radius of the subject site.

Delisted NPL Sites

Delisted NPL sites are sites that are removed from the NPL site listing because the EPA no longer determines the site to be a risk to human health or the environment. In addition, sites that have been remediated under the Superfund program are also removed from the NPL site listing. The search radius for delisted NPL sites is 1 mile. The subject site is not on the delisted NPL catalog and the database search did not identify any delisted NPL sites within a 1-mile radius of the subject site.

CERCLIS Sites

The Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS) list identifies sites which are suspected to have contamination and require additional investigation to assess if they should be considered for inclusion on the NPL. The search radius for CERCLIS sites is ½ mile. The subject site is not included on the CERCLIS List and the governmental database records search did not identify any CERCLIS sites within a ½-mile radius of the subject property.

CERCLIS - NFRAP Sites

CERCLIS - NFRAP sites are properties included on the CERCLIS list but have no Further Response Actions Planned (NFRAP). Sites on the CERCLIS-NFRAP List were removed from the CERCLIS List in February 1995 because, after an initial investigation was performed, no contamination was found, the contamination was quickly removed, or the contamination was not significant enough to warrant NPL status. The search radius for CERCLIS-NFRAP sites is ½ mile. The government database records do not include the subject site on the CERCLIS-NFRAP list. Further, no sites within a ½-mile radius of the subject property were included on the CERCLIS - NFRAP list during our review of governmental database records.

Federal ERNS List

The Federal Emergency Response Notification System (ERNS) list tracks information on reported releases of oil and hazardous materials. The search radius for Federal ERNS sites includes the target property, only. The government database records do not include the subject site on the Federal ERNS list.

RCRA Non-CORRACTS TSD Facilities

The Resource Conservation and Recovery Act (RCRA) Non-CORRACTS TSD Facilities List tracks facilities which treat, store, or dispose of hazardous waste and are not associated with corrective action activity. The search radius for RCRA Non-CORRACTS TSD Facilities is ½ mile. The governmental database records do not include the subject site nor sites located within a ½-mile radius of the subject property on the RCRA non-CORRACTS TSD Facilities list.

RCRA CORRACTS TSD Facilities

The RCRA CORRACTS TSD Facilities list catalogues facilities that treat, store, or dispose of hazardous waste and have been associated with corrective action activity. The search radius for RCRA CORRACTS TSD Facilities is 1 mile. The governmental database records do not include the subject site on the RCRA CORRACTS TSD Facilities list and there are no RCRA CORRACTS TSD Facilities within a 1-mile radius of the subject site.

RCRA Generators

The RCRA Generator list includes facilities that generate, transport, store, treat, and/or dispose of hazardous waste. The search radius for RCRA Generators is ¼ mile. According to the governmental database records, the subject site is not included on the RCRA Generators list. There is one RCRA small-quantity generators within a ¼-mile radius of the subject site.

- **Rancho California Water District**, located at 37805 Rancho California Road, (adjacent to the subject site and at a higher elevation), appears on the RCRA-SQG database as a generator of lead-containing waste. No violations are listed, and the facility does not appear on any other database indicating an unauthorized release has occurred. Therefore the facility does not represent an REC.

State- and Tribal-Equivalent NPL

State- and Tribal-Equivalent NPL identifies confirmed release sites where the Department of Toxic Substances Control is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. The search radius for State- and Tribal-Equivalent NPL sites is 1 mile. Governmental database records do not include the subject property on the State- and Tribal-Equivalent NPL list, and there are no State-Equivalent NPL (RESPONSE) sites located within a 1-mile radius of the subject site.

State and Tribal-Equivalent CERCLIS

The State- and Tribal- Equivalent CERCLIS list identifies sites that have known contamination or sites for which there may be reasons for further investigation such as

Federal Superfund (NPL) sites; State Response, including military facilities and state superfund; voluntary cleanup; and school sites. The search radius for State- and Tribal-CERCLIS sites is 1 mile. According to EnviroStor, the governmental database, the subject site is not included on the State- and Tribal-Equivalent CERCLIS list, and there are no State- and Tribal- CERCLIS facilities located within a 1-mile radius of the subject site.

State- and Tribal-Landfill and/or Solid Waste Disposal Site Listings

State- and Tribal-Landfill and/or Solid Waste Disposal Site Listings include active, closed, and inactive landfills. The search radius for State- and Tribal-Landfill and/or Solid Waste Disposal sites is ½ mile. The governmental records database does not include the subject site in the State- and Tribal-Landfill and/or Solid Waste Disposal Site listing, and no facilities are located with a ½-mile radius of the subject site.

State- and Tribal-Leaking Storage Tank Listings

State- and Tribal-Leaking Storage Tank Listings includes inventories of spills, leaks, investigation, and cleanup cost recovery as well as leaking underground storage tanks on Indian land. The search radius for State- and Tribal-Leaking Storage Tank is ½ mile. The subject site does not appear in the LUST, SLIC, or San Diego SAM databases, and there are no State- and Tribal-Leaking Storage Tank sites listed within a ½-mile radius of the subject site.

State- and Tribal-Registered Storage Tank Listings

State and tribal registered storage tank listings include a catalogue of registered above ground and underground storage tanks and underground storage tanks on Indian land. The search radius for State- and Tribal-Registered Storage Tanks is ¼ mile. Governmental database records include the subject site on this list, as well as one facility within a ¼-mile radius.

1. **Bell Ranch Vineyards**, located at 38901 Warren Road in Temecula, California (subject site). The subject site is listed on the Historic UST database. Information on the database indicates that two 4,000-gallon USTs containing regular gasoline and diesel were present on the property. Based on information provided in a previous Phase I ESA report, a permit for the removal of the UST was issued by the Riverside Department of Environmental Health (DEH) in 1990. The USTs were removed under the oversight of the DEH in March 1990. Upon removal, the diesel UST was noted to have holes. Moderate rust and scaling were observed on the gasoline UST; however, no holes were noted. Soil samples were collected from the UST excavations and analyzed for total recoverable petroleum hydrocarbons (TRPH). TRPH was detected in soil samples collected from the east and west ends of the diesel UST excavation at concentrations of 34.5 mg/kg and 13.3 mg/kg, respectively. TRPH was not detected in soil samples collected from the gasoline UST excavation. No further action was mandated by the DEH, and no restrictions

were placed on the property. Therefore, the former USTs at the subject property represent an HREC.

2. **Lake Skinner Store/Drydock**, located at 37701 Warren Road in Winchester, California (approximately 0.8 mile north of the subject site at a higher elevation), is listed as having two 10,000-gallon USTs containing motor vehicle fuel, and one 1,000-gallon UST containing an unidentified substance. The facility does not appear on any databases indicating an unauthorized release has occurred. Therefore, the facility does not represent an REC.

State- and Tribal- Voluntary Cleanup Site Listings

State and Tribal Voluntary Cleanup Site Listings include inventories of low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee investigation and/or cleanup activities, and have agreed to provide for DTSC costs. The search radius for State and Tribal Voluntary Cleanup Sites is ½ mile. Governmental database records do not include the subject site nor sites within a ½-mile radius of the subject site on this list.

State- and Tribal-Brownfield Site Listings

State and Tribal Brownfield Site Listings include a catalogue of real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of hazardous substances, pollutants, or contaminants. The search radius for State and Tribal Brownfield Sites is ½ mile. The governmental database records do not include the subject site nor sites within a ½-mile radius of the subject site on this list.

Facility Index System (FINDS) Listings

FINDS is a central and common inventory of facilities monitored or regulated by the EPA with cross-references to the program office databases that have additional programmatic information about the facility. The subject site is not listed on the FINDS database.

HAZNET Listings

The California DTSC maintains a list of facility and manifest data. Governmental database records do not include the subject site on the Haznet list. Two sites are located within a ¼-mile radius of the subject site.

1. **Rancho California Water District**, located at 37805 Rancho California Road in Temecula, California (adjacent to the subject site to the south, at a higher elevation), is listed in the Haznet database as generator of inorganic solid waste. The facility does not appear on any database indicating an unauthorized release. Therefore, the facility does not represent an REC.

2. **Robison Prezioso**, located at 37805 Rancho California Road in Temecula, California (mapped approximately 0.2 mile south of the subject site at a lower elevation), is listed as disposing of oxygenated solvents. The facility does not appear on any other database indicating an unauthorized release has occurred. Therefore the facility does not represent an REC.

California Hazardous Material Incident Reporting System (CHMIRS) Database

The State of California maintains a database of reported hazardous material incidents (accidental releases or spills). The subject site does not appear on the CHMIRS database. Four incidents are mapped adjacent to the subject site.

1. Three of the four incidents were mapped at 37440 Borel Road in Winchester, California (adjacent to the subject site to the northeast at a higher elevation). The incidents involved releases of sodium hydroxide, ferric chloride, and ferrous chloride associated with water treatment at the Metropolitan Water District Facility. The facility is actually located approximately 2 miles northwest of the subject site; therefore, the incidents may have been incorrectly mapped. No further action was required following the releases; therefore, they do not represent RECs.
2. An incident was mapped at Buck Road at Rancho California Road in Temecula, California (adjacent to the subject site to the east-southeast at a lower elevation). Approximately 30 gallons of waste motor oil and oil-based paint were discovered illegally abandoned along the roadside. None of the substances were released. Therefore the incident does not represent an REC.

REGIONAL ENVIRONMENTAL REGULATORY AGENCY RECORD REVIEW

As part of this investigation, GSI contacted regional environmental regulatory agencies to request available environmental records related to the subject property. The environmental agencies contacted and databases reviewed include the CADTSC, SWRCB, SARWQCB, and the RCFCWCD. The completed public records request application forms are included in Appendix D.

CADTSC

GSI reviewed the CADTSCs EnviroStor website for information pertaining to unauthorized releases of hazardous substances. The subject site is not listed on the EnviroStor website.

SWRCB

GSI reviewed the SWRCB GeoTracker website for information pertaining to unauthorized releases of hazardous substances. The subject site is not listed on the GeoTracker website.

SARWQCB

GSI submitted a request for public records on file with the SARWQCB. The agency has responded that no records are on file for the subject site.

RCFCWCD

GSI reviewed maps where sludge has been placed in Riverside County. Sludge has not been applied to the site, based on the available data.

DISCUSSIONS WITH PERSONS FAMILIAR WITH SITE

Mr. Darrell Chin (property representative) provided GSI with a Transaction Screen Questionnaire on December 2, 2015. According to information provided on the Questionnaire, Mr. Chin has been associated with the subject site for two years and has no knowledge of any environmental concerns associated with the subject property.

Mr. Chin completed a Transaction Screen Questionnaire. A copy of the questionnaire is included in Appendix E on the CD data disc.

LIMITED SOIL EVALUATION

Based on the historical use of the subject site for agricultural purposes, GSI performed a limited soil screening evaluation to determine if soil had been impacted by agricultural residues. Soil samples were collected on October 28, 2015. The locations of samples are shown on Figure 2.

GSI collected a total of 60 soil samples at 30 locations for the purpose of conducting pesticide testing. Soil samples were collected at depths of approximately 0.5 and 1.5 feet bgs. The samples were collected using a small-diameter hand-auger and placed into clear 4-ounce glass jars.

The collected samples were labeled and placed into a refrigerated environment. The samples were transported to a California Department of Health Services (DHS) certified laboratory. GSI conformed to quality assurance/quality control procedures (QA/QC) during all soil sampling activities. Chain-of-Custody records were recorded with the laboratory and are included in laboratory reports in Appendix F.

Soil samples collected at each depth were composited into a total of thirty samples. Samples were analyzed for organochlorine pesticides and Title 22 Metals.

Soil Analytical Results

Organochlorine pesticide testing was performed in accordance with EPA method 8081A, and Title 22 Metals testing was performed in accordance with EPA Methods 6010/7471. The laboratory analytical report is provided in Appendix F.

In order to assess risks to human health the detected analytes were compared to RSLs set forth by the US EPA. No pesticides were detected above laboratory detection limits. No metals were detected above RSLs, with the exception of arsenic. Detected arsenic concentrations ranged from 1.08 mg/kg to 14.6 mg/kg. However, background concentrations of arsenic in regional soils typically exceed the RSL. In an analysis conducted using 1,097 soil samples collected from school sites throughout southern California, an upper-bound of arsenic concentration of 12 mg/kg was determined (Chernoff, et al., 2008). Only one soil sample collected at the subject property exceeded this concentration, and may be considered an outlier.

CONCLUSIONS AND RECOMMENDATIONS

Based upon the information obtained during the course of this assessment, GSI presents the following summary of findings and conclusions:

- Based upon our field reconnaissance of the property, interview with the property owner, review of previous Phase I and Phase II ESA reports and our review of historic land use utilizing readily available historical photographs, and topographic maps, land use at the subject site has involved agriculture activities, including a vineyard and cattle grazing, since at least 1976. The site is generally vacant.
- Properties adjacent to, and surrounding, the subject site currently consist of vacant land, and residential and agricultural properties. There were no readily visible indications of adverse land usage observed on the surrounding properties that could contribute to significant hazardous waste/materials and/or petroleum contamination to the subject property, provided lawful procedures are being followed for operations, and for disposal of wastes.
- During our October 28, 2015 site reconnaissance, GSI observed the majority of the subject site as vacant land. Portions of the east side of the site were graded. The southeastern portion of the subject site was occupied by an abandoned worker's camp with six structures. A corral and water well were observed in the southwest portion of the property.
- GSI observed one drum labeled as containing herbicide, and two unidentified drums. The drums were in good condition with no evidence of spills or leaks.

- Based upon our review of the government agency database records search, the subject site does not appear on any database indicating the presence or unauthorized release of hazardous substances or petroleum products.

There are a total of 23 mapped sites in the agency database radius search. Based upon their status, distance, and/or general down- or cross-groundwater gradient location relative to the subject site these potential risk sites are not considered RECs.

- Based on the age of the existing structures at the site, it is possible that building components may contain ACMs and LBPs. If ACMs and LBPs are found to be present, special handling and disposal techniques will be necessary under the oversight of a qualified consultant.
- Recent inquires made to the SARWQCB yielded no information pertaining hazardous materials at the subject site. In addition, GSI reviewed the GeoTracker website and the EnviroStor website. The subject site does not appear on the GeoTracker or EnviroStor websites.
- A review of RCFCWCD maps indicates sludge was not applied to the site.
- Based upon information provided in a previous Phase I ESA report, three water supply wells are located on the subject property. One well was observed in the southwestern portion and one was observed near the center of the southern property boundary. The third well is thought to be located in the former worker's camp. Depth to groundwater in the wells reportedly ranges from 10 to 24 feet below ground surface (ACE, 2007). Based on topography, the regional groundwater flow direction is estimated to be generally to the southwest. No surface water was observed onsite during GSIs site reconnaissance.
- There does not appear to be a documented and/or reported commercial or industrial facility, or a municipal landfill, within a 1-mile radius that represents a significant environmental concern to the subject site.
- Soil sampling conducted in conjunction with the Phase I ESA activities revealed that organochlorine pesticides were not present above laboratory reporting limits. Title 22 metals were not present at concentrations exceeding RSLs, with the exception of arsenic, which was detected at concentrations generally within documented background levels.
- VES in general accordance with ASTM E2600 indicates that vapor migration from subsurface soil is unlikely to be an issue at the property.

- Based on information provided in a previous Phase I ESA, as well as information in the database report, two 4,000-gallon USTs were removed under the oversight of the DEH from the subject site in 1990. Soil samples were collected, and analytical results identified the presence of low concentrations of TRPH beneath the former diesel UST. However, no further actions were mandated by the DEH, and no restrictions were placed on the property. Therefore, the former USTs at the subject property represent an HREC, and no further action is recommended at this time.
- This assessment has revealed no obvious evidence of recognized environmental conditions in connection with the subject site.

Conclusions

Based upon the scope of work completed for this assessment, GSI has identified RECs in connection with the subject property. The overall potential for significant hazardous materials/waste and/or petroleum contamination onsite is low, however the age of the onsite structures suggest the potential presence of ACMs and LBP. The uncertainty of other potential environmental concerns, however, cannot be entirely eliminated

Recommendations

Based upon the information obtained during the course of this site assessment, GSI presents the following recommendations:

- ACM and LBP surveys should be performed by a licensed asbestos/lead consultant prior to demolition of the existing structures onsite.
- Although not likely, if discolored soil/staining is observed in the vicinity of the former USTs, further environmental evaluation should be performed.
- If the water wells are to be abandoned, they should be located, and comply with all State and local regulations for such.
- All trash, debris, and waste materials should be disposed of offsite, in accordance with current local, state, and federal disposal regulations. Any buried trash/debris encountered during site earthwork should be evaluated by an experienced environmental consultant prior to removal.
- Based upon the information collected by GSI during this environmental site assessment, further studies or action, other than the above, are not proposed from an environmental viewpoint, at this time.

LIMITATIONS

GSI has performed the services for this project in accordance with the terms of a contract between GSI and Client and in accordance with current professional standards for investigations of this type. The conclusions presented in this report are based on the information collected during the study, the present understanding of the site conditions, and professional judgment.

Please note, subsurface and hazardous waste/toxic substance conditions may vary from those provided in historical documents reviewed by GSI. The interpretations and recommendations of GSI are based solely on such information, and/or information supplied by Client. Findings of this investigation based on data provided by others carries no warranty, express or implied, as a result of the usage of such data.

It is possible that future investigations may reveal additional data or variations of the current data which may require the current conclusions and recommendations to be reevaluated. As a result, GSI makes no warranty, either express or implied, as to its findings, opinions, recommendations, specifications, or professional advice except that they were promulgated after being prepared in accordance with generally accepted standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature.

The information in this report is relevant to the date of the site work and should not be relied on to represent conditions at any later date. Facts, conditions, and acceptable risk factors change with time, accordingly, this report should be viewed within this context. Thus, this report brings to completion our scope of services for this project.

APPENDIX A

REFERENCES

APPENDIX A

REFERENCES

- Ace Environmental, LLC, 2007, Phase I Environmental Site Assessment, Callaway Winery Property, Located at 38901 Warren Road, Temecula, Riverside County, California, 92569, dated February 19.
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- United States Environmental Protection Agency, 2015, Map of Radon Zones in California, <http://www.epa.gov/radon/states/california.html>, accessed November 22.
- United States Geological Survey, 1978, Bachelor Mountain Quadrangle, Riverside County, California, 7.5 minute series, 1:24,000 scale.

CD DATA DISC

Appendix B - Site Photographs

Appendix C - EDR Reports

Appendix D - Public Records Request Forms

Appendix E - ASTM Transaction Screen Questionnaire

Appendix F - Laboratory Test Results

Appendix G - Resumes

APPENDIX B

SITE PHOTOGRAPHS



1. Looking east-southeast across northern portion of property.



2. Looking west along northern portion of property.



SITE PHOTOGRAPHS

Plate B-1

DATE 12/2015

W.O. E6872-SC

Geotechnical • Geologic • Coastal • Environmental



3. Looking northwest from east side of property. Note discarded drum in center of photo.



4. Discarded asphalt and concrete on east side of property.



SITE PHOTOGRAPHS

Plate B-2

DATE 12/2015

W.O. E6872-SC

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5. Discarded buckets and drum on east side of property.



6. Covered parking area in southeast portion of property.



SITE PHOTOGRAPHS

Plate B-3

DATE 12/2015

W.O. E6872-SC

Geotechnical • Geologic • Coastal • Environmental



7. Looking northwest from workers camp.



8. Abandoned workers camp on southeast side of property.



SITE PHOTOGRAPHS

Plate B-4

DATE 12/2015

W.O. E6872-SC

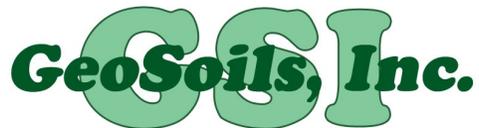
Geotechnical • Geologic • Coastal • Environmental



9. Water well along southern property boundary.



10. Looking east along southern property boundary.



SITE PHOTOGRAPHS

Plate B-5

DATE 12/2015

W.O. E6872-SC

Geotechnical • Geologic • Coastal • Environmental



11. Looking north near center of northern portion of property.



12. Adjacent property to the north and west.



SITE PHOTOGRAPHS

Plate B-6

DATE 12/2015

W.O. E6872-SC

Geotechnical • Geologic • Coastal • Environmental



13. Water well and corral near southwest portion of property.



14. Looking southeast from southwest portion of property.



SITE PHOTOGRAPHS

Plate B-7

DATE 12/2015

W.O. E6872-SC

Geotechnical • Geologic • Coastal • Environmental



15. Looking west from near center of northern portion of property.



16. Looking south from near center of northern portion of property.



SITE PHOTOGRAPHS

Plate B-8

DATE 12/2015

W.O. E6872-SC

Geotechnical • Geologic • Coastal • Environmental

APPENDIX C

EDR REPORTS

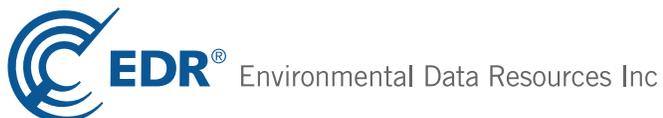
Twelve Oaks Project

38901 Warren Road
Winchester, CA 92596

Inquiry Number: 4435993.2s

October 12, 2015

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

38901 WARREN ROAD
WINCHESTER, CA 92596

COORDINATES

Latitude (North): 33.5607000 - 33° 33' 38.52"
Longitude (West): 117.0475000 - 117° 2' 51.00"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 495590.9
UTM Y (Meters): 3713257.0
Elevation: 1524 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5640928 BACHELOR MOUNTAIN, CA
Version Date: 2012

East Map: 5641214 SAGE, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120510, 20120519
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 38901 WARREN ROAD
 WINCHESTER, CA 92596

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	RANCHO CALIFORNIA WA	37805 RANCHO CALIFOR	FINDS	Higher	2739, 0.519, SSE
2	BELL RANCH VINEYARDS	38901 WARREN RD.	HIST UST	Lower	2866, 0.543, ESE
A3	RANCHO CALIFORNIA WA	37805 RANCHO CALIFOR	RCRA-SQG, TRIS, HAZNET	Higher	2970, 0.562, SSE
B4		37100 AVENIDA ANTONA	CHMIRS	Lower	3719, 0.704, SSE
5	BILL WILSON	39410 BERENDA RD	HAZNET	Lower	3948, 0.748, SSW
B6	VERIZON CALIFORNIA,	36195 RANCHO CALIFOR	FINDS	Lower	4140, 0.784, SSE
7	ROBISON PREZIOSO INC	37805 RANCHO CALIFOR	HAZNET	Lower	4162, 0.788, SSE
8		BUCK RD AT RANCHO CA	CHMIRS	Lower	4239, 0.803, ESE
C9	GREG A PENNYROYAL	35960 RANCHO CALIFOR	PEST LIC	Lower	4510, 0.854, SSE
C10	WILSON CREEK WINERY	35960 RANCHO CALIFOR	PEST LIC	Lower	4510, 0.854, SSE
C11	WILSON CREEK WINE	35960 RANCHO CALIFOR	HAZNET	Lower	4510, 0.854, SSE
C12	WILSON CREEK WINERY	35960 RANCHO CALIFOR	HAZNET	Lower	4510, 0.854, SSE
13		37440 BOREL RD.	CHMIRS	Higher	4624, 0.876, NE
D14	DRAKE ENTERPRISES IN	39390 COLLEEN WAY	HAZNET	Lower	4701, 0.890, SSE
D15	BLACK KNIGHT TERMITE	39433 COLLEEN WY	PEST LIC	Lower	4968, 0.941, SSE
D16	JAMES A PINNEO	39433 COLEEN WY	PEST LIC	Lower	4968, 0.941, SSE
E17		37740 BOREL RD	CHMIRS	Higher	5341, 1.012, NE
E18		37740 BOREL RD.	CHMIRS	Higher	5341, 1.012, NE
19	REGALADO RESIDENCE	39370 CAMINO DE MAGN	NPDES	Lower	5532, 1.048, SE
F20	LK SKINNER STORE/DRY	37701 WARREN RD	UST	Higher	6204, 1.175, NE
F21	LAKE SKINNER STORE/D	37701 WARREN RD	SWEEPS UST, HIST UST	Higher	6204, 1.175, NE
22	MCMILLAN FARM MANAGE	35350 RANCHO CALIFOR	UST	Lower	7055, 1.336, South
23	PONTE FAMILY ESTATE	35053 RANCHO CALIFOR	SWF/LF, ENF, NPDES	Lower	7364, 1.395, South

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large 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

EXECUTIVE SUMMARY

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

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

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... National Clandestine Laboratory Register
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program

EXECUTIVE SUMMARY

CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... Clandestine Drug Labs

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

Local Land Records

LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

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
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
CA BOND EXP. PLAN..... Bond Expenditure Plan
Cortese..... "Cortese" Hazardous Waste & Substances Sites List

EXECUTIVE SUMMARY

CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HIST CORTESE.....	Hazardous Waste & Substance Site List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
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 US Hist Auto Stat.....	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting

EXECUTIVE SUMMARY

the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/09/2015 has revealed that there is 1 RCRA-SQG site within approximately 1.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RANCHO CALIFORNIA WA	37805 RANCHO CALIFOR	SSE 1/2 - 1 (0.562 mi.)	A3	9

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 08/17/2015 has revealed that there is 1 SWF/LF site within approximately 1.625 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PONTE FAMILY ESTATE Facility ID: 33-AA-0361 Operational Status: Active Regulation Status: Notification	35053 RANCHO CALIFOR	S 1 - 2 (1.395 mi.)	23	26

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 06/15/2015 has revealed that there are 2 UST sites within approximately 1.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LK SKINNER STORE/DRY Facility Id: 451	37701 WARREN RD	NE 1 - 2 (1.175 mi.)	F20	24
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MCMILLAN FARM MANAGE Facility Id: 477	35350 RANCHO CALIFOR	S 1 - 2 (1.336 mi.)	22	25

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 1.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LAKE SKINNER STORE/D Status: A Tank Status: A Comp Number: 66231	37701 WARREN RD	NE 1 - 2 (1.175 mi.)	F21	24

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 1.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LAKE SKINNER STORE/D Facility Id: 00000066229	37701 WARREN RD	NE 1 - 2 (1.175 mi.)	F21	24
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BELL RANCH VINEYARDS Facility Id: 00000015887	38901 WARREN RD.	ESE 1/2 - 1 (0.543 mi.)	2	8

Records of Emergency Release Reports

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 06/15/2015 has revealed that there are 5 CHMIRS sites within approximately 1.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported OES Incident Number: 5-2411	37440 BOREL RD.	NE 1/2 - 1 (0.876 mi.)	13	16
Not reported OES Incident Number: 08-5954	37740 BOREL RD	NE 1 - 2 (1.012 mi.)	E17	19
Not reported	37740 BOREL RD.	NE 1 - 2 (1.012 mi.)	E18	20

EXECUTIVE SUMMARY

OES Incident Number: 4-4777

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported OES Incident Number: 388	37100 AVENIDA ANTONA	SSE 1/2 - 1 (0.704 mi.)	B4	10
Not reported OES Incident Number: 1-5501	BUCK RD AT RANCHO CA	ESE 1/2 - 1 (0.803 mi.)	8	13

Other Ascertainable Records

TRIS: The Toxic Chemical Release Inventory System identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. The source of this database is the U.S. EPA.

A review of the TRIS list, as provided by EDR, and dated 12/31/2013 has revealed that there is 1 TRIS site within approximately 1.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RANCHO CALIFORNIA WA	37805 RANCHO CALIFOR	SSE 1/2 - 1 (0.562 mi.)	A3	9

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 01/18/2015 has revealed that there are 2 FINDS sites within approximately 1.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RANCHO CALIFORNIA WA	37805 RANCHO CALIFOR	SSE 1/2 - 1 (0.519 mi.)	A1	8
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VERIZON CALIFORNIA,	36195 RANCHO CALIFOR	SSE 1/2 - 1 (0.784 mi.)	B6	12

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2013 has revealed that there are 6

EXECUTIVE SUMMARY

HAZNET sites within approximately 1.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RANCHO CALIFORNIA WA GEPaid: CAR000154948	37805 RANCHO CALIFOR	SSE 1/2 - 1 (0.562 mi.)	A3	9

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BILL WILSON GEPaid: CAC002614666	39410 BERENDA RD	SSW 1/2 - 1 (0.748 mi.)	5	12
ROBISON PREZIOSO INC GEPaid: CAC002578936	37805 RANCHO CALIFOR	SSE 1/2 - 1 (0.788 mi.)	7	12
WILSON CREEK WINE GEPaid: CAC002185777	35960 RANCHO CALIFOR	SSE 1/2 - 1 (0.854 mi.)	C11	15
WILSON CREEK WINERY GEPaid: CAL000317782	35960 RANCHO CALIFOR	SSE 1/2 - 1 (0.854 mi.)	C12	15
DRAKE ENTERPRISES IN GEPaid: CAC002633903	39390 COLLEEN WAY	SSE 1/2 - 1 (0.890 mi.)	D14	18

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 08/17/2015 has revealed that there is 1 NPDES site within approximately 1.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REGALADO RESIDENCE Facility Status: Terminated	39370 CAMINO DE MAGN	SE 1 - 2 (1.048 mi.)	19	21

PEST LIC: 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.

A review of the PEST LIC list, as provided by EDR, and dated 06/07/2015 has revealed that there are 4 PEST LIC sites within approximately 1.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GREG A PENNYROYAL	35960 RANCHO CALIFOR	SSE 1/2 - 1 (0.854 mi.)	C9	14
WILSON CREEK WINERY	35960 RANCHO CALIFOR	SSE 1/2 - 1 (0.854 mi.)	C10	14
BLACK KNIGHT TERMITE	39433 COLLEEN WY	SSE 1/2 - 1 (0.941 mi.)	D15	18
JAMES A PINNEO	39433 COLEEN WY	SSE 1/2 - 1 (0.941 mi.)	D16	18

EXECUTIVE SUMMARY

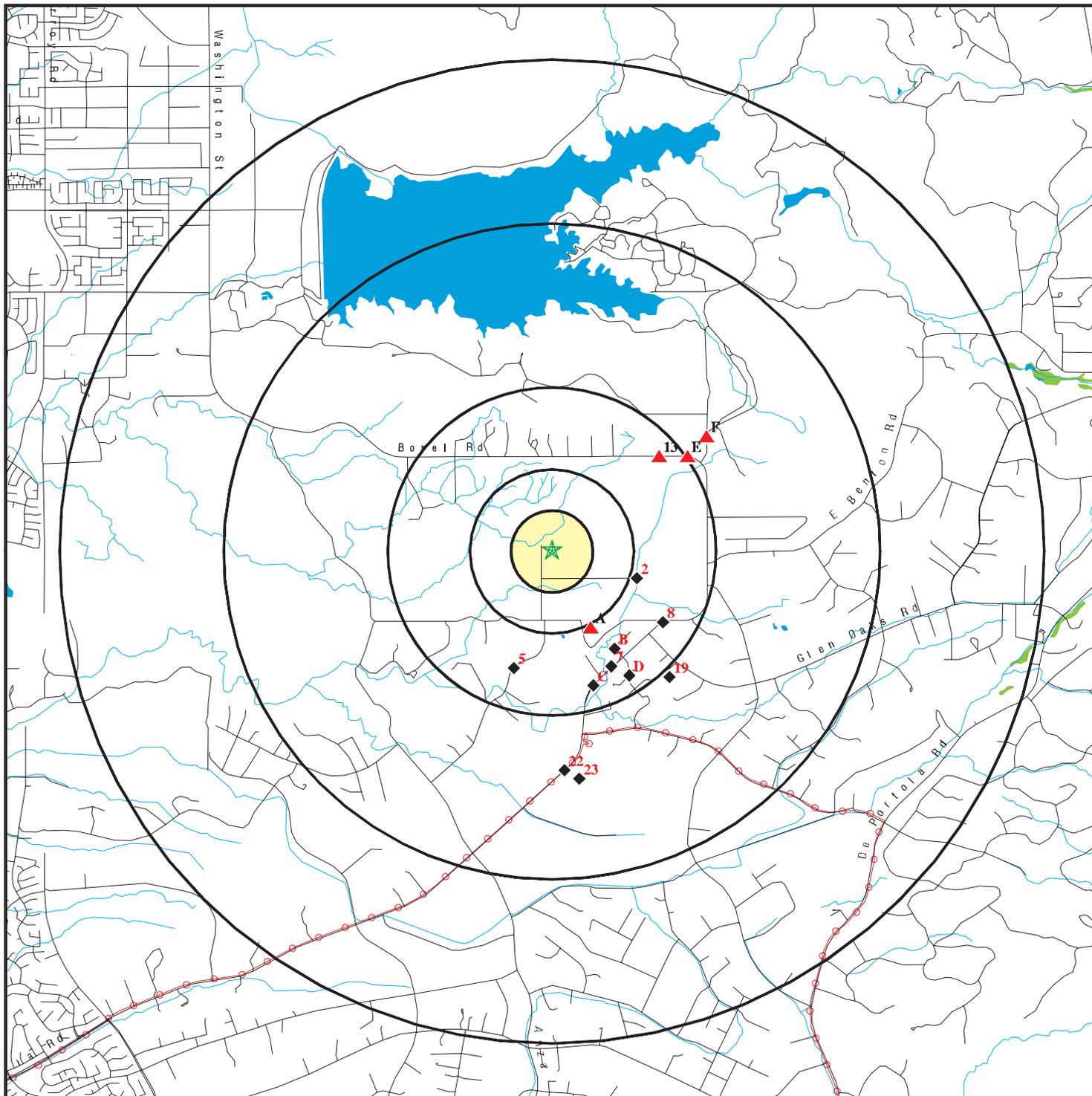
Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name

Database(s)

CDL

OVERVIEW MAP - 4435993.2S



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Dept. Defense Sites

■ Indian Reservations BIA

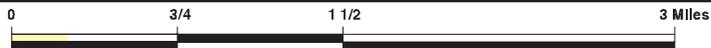
○ Power transmission lines

■ 100-year flood zone

■ 500-year flood zone

■ National Wetland Inventory

■ Areas of Concern

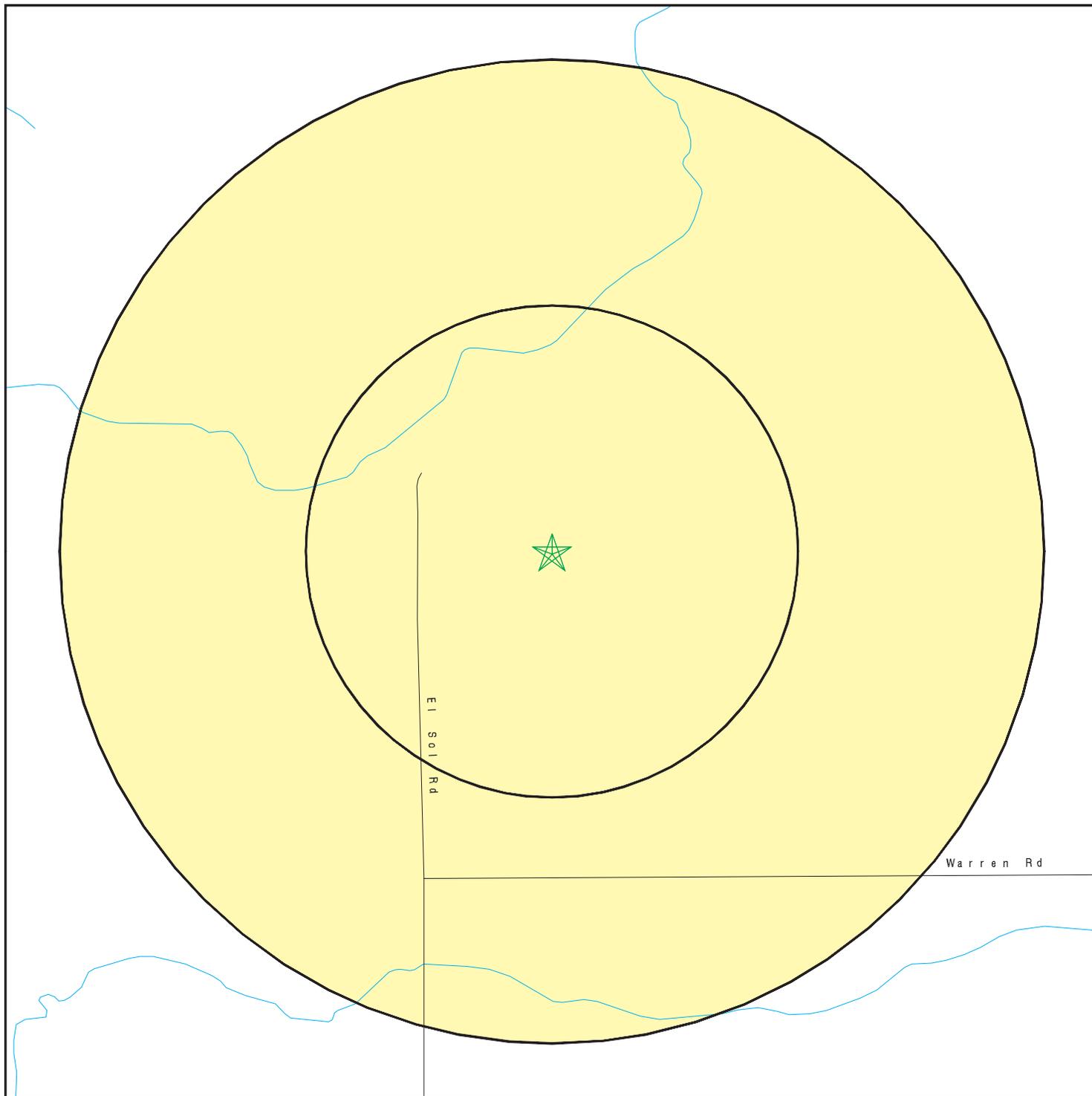


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Twelve Oaks Project
 ADDRESS: 38901 Warren Road
 Winchester CA 92596
 LAT/LONG: 33.5607 / 117.0475

CLIENT: GeoSoils, Inc.
 CONTACT: Todd A. Greer
 INQUIRY #: 4435993.2s
 DATE: October 12, 2015 7:46 pm

DETAIL MAP - 4435993.2S



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

0 1/16 1/8 1/4 Miles

- ☒ Indian Reservations BIA
- ☒ Areas of Concern
- ☒ 100-year flood zone
- ☒ 500-year flood zone

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

SITE NAME: Twelve Oaks Project
 ADDRESS: 38901 Warren Road
 Winchester CA 92596
 LAT/LONG: 33.5607 / 117.0475

CLIENT: GeoSoils, Inc.
 CONTACT: Todd A. Greer
 INQUIRY #: 4435993.2s
 DATE: October 12, 2015 7:47 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	2.125		0	0	0	0	0	0
Proposed NPL	2.125		0	0	0	0	0	0
NPL LIENS	1.125		0	0	0	0	0	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	2.125		0	0	0	0	0	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	1.625		0	0	0	0	0	0
CERCLIS	1.625		0	0	0	0	0	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	1.625		0	0	0	0	0	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	2.125		0	0	0	0	0	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	1.625		0	0	0	0	0	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	1.375		0	0	0	0	0	0
RCRA-SQG	1.375		0	0	0	1	0	1
RCRA-CESQG	1.375		0	0	0	0	0	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	1.625		0	0	0	0	0	0
US ENG CONTROLS	1.625		0	0	0	0	0	0
US INST CONTROL	1.625		0	0	0	0	0	0
<i>Federal ERNS list</i>								
ERNS	1.125		0	0	0	0	0	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	2.125		0	0	0	0	0	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	2.125		0	0	0	0	0	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	1.625		0	0	0	0	1	1
<i>State and tribal leaking storage tank lists</i>								
LUST	1.625		0	0	0	0	0	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	1.625		0	0	0	0	0	0
SLIC	1.625		0	0	0	0	0	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	1.375		0	0	0	0	0	0
UST	1.375		0	0	0	0	2	2
AST	1.375		0	0	0	0	0	0
INDIAN UST	1.375		0	0	0	0	0	0
<i>State and tribal voluntary cleanup sites</i>								
VCP	1.625		0	0	0	0	0	0
INDIAN VCP	1.625		0	0	0	0	0	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	1.625		0	0	0	0	0	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	1.625		0	0	0	0	0	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	1.625		0	0	0	0	0	0
SWRCY	1.625		0	0	0	0	0	0
HAULERS	1.125		0	0	0	0	0	0
INDIAN ODI	1.625		0	0	0	0	0	0
ODI	1.625		0	0	0	0	0	0
DEBRIS REGION 9	1.625		0	0	0	0	0	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	1.125		0	0	0	0	0	0
HIST Cal-Sites	2.125		0	0	0	0	0	0
SCH	1.375		0	0	0	0	0	0
CDL	1.125		0	0	0	0	0	0
Toxic Pits	2.125		0	0	0	0	0	0
US CDL	1.125		0	0	0	0	0	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	1.375		0	0	0	0	1	1
HIST UST	1.375		0	0	0	1	1	2
CA FID UST	1.375		0	0	0	0	0	0
<i>Local Land Records</i>								
LIENS	1.125		0	0	0	0	0	0
LIENS 2	1.125		0	0	0	0	0	0
DEED	1.625		0	0	0	0	0	0
<i>Records of Emergency Release Reports</i>								
HMIRS	1.125		0	0	0	0	0	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	1.125		0	0	0	3	2	5
LDS	1.125		0	0	0	0	0	0
MCS	1.125		0	0	0	0	0	0
SPILLS 90	1.125		0	0	0	0	0	0
Other Ascertainable Records								
RCRA NonGen / NLR	1.375		0	0	0	0	0	0
FUDS	2.125		0	0	0	0	0	0
DOD	2.125		0	0	0	0	0	0
SCRD DRYCLEANERS	1.625		0	0	0	0	0	0
US FIN ASSUR	1.125		0	0	0	0	0	0
EPA WATCH LIST	1.125		0	0	0	0	0	0
2020 COR ACTION	1.375		0	0	0	0	0	0
TSCA	1.125		0	0	0	0	0	0
TRIS	1.125		0	0	0	1	0	1
SSTS	1.125		0	0	0	0	0	0
ROD	2.125		0	0	0	0	0	0
RMP	1.125		0	0	0	0	0	0
RAATS	1.125		0	0	0	0	0	0
PRP	1.125		0	0	0	0	0	0
PADS	1.125		0	0	0	0	0	0
ICIS	1.125		0	0	0	0	0	0
FTTS	1.125		0	0	0	0	0	0
MLTS	1.125		0	0	0	0	0	0
COAL ASH DOE	1.125		0	0	0	0	0	0
COAL ASH EPA	1.625		0	0	0	0	0	0
PCB TRANSFORMER	1.125		0	0	0	0	0	0
RADINFO	1.125		0	0	0	0	0	0
HIST FTTS	1.125		0	0	0	0	0	0
DOT OPS	1.125		0	0	0	0	0	0
CONSENT	2.125		0	0	0	0	0	0
INDIAN RESERV	2.125		0	0	0	0	0	0
UMTRA	1.625		0	0	0	0	0	0
LEAD SMELTERS	1.125		0	0	0	0	0	0
US AIRS	1.125		0	0	0	0	0	0
US MINES	1.375		0	0	0	0	0	0
FINDS	1.125		0	0	0	2	0	2
CA BOND EXP. PLAN	2.125		0	0	0	0	0	0
Cortese	1.625		0	0	0	0	0	0
CUPA Listings	1.375		0	0	0	0	0	0
DRYCLEANERS	1.375		0	0	0	0	0	0
EMI	1.125		0	0	0	0	0	0
ENF	1.125		0	0	0	0	0	0
Financial Assurance	1.125		0	0	0	0	0	0
HAZNET	1.125		0	0	0	6	0	6
HIST CORTESE	1.625		0	0	0	0	0	0
HWP	2.125		0	0	0	0	0	0
HWT	1.375		0	0	0	0	0	0
MINES	1.125		0	0	0	0	0	0
MWMP	1.375		0	0	0	0	0	0
NPDES	1.125		0	0	0	0	1	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PEST LIC	1.125		0	0	0	4	0	4
PROC	1.625		0	0	0	0	0	0
Notify 65	2.125		0	0	0	0	0	0
UIC	1.125		0	0	0	0	0	0
WASTEWATER PITS	1.625		0	0	0	0	0	0
WDS	1.125		0	0	0	0	0	0
WIP	1.375		0	0	0	0	0	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	2.125		0	0	0	0	0	0
EDR US Hist Auto Stat	1.375		0	0	0	0	0	0
EDR US Hist Cleaners	1.375		0	0	0	0	0	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA LF	1.125		0	0	0	0	0	0
RGA LUST	1.125		0	0	0	0	0	0
- Totals --		0	0	0	0	18	8	26

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A1
SSE
1/2-1
0.519 mi.
2739 ft.

RANCHO CALIFORNIA WATER DISTRICT
37805 RANCHO CALIFORNIA RD
TEMECULA, CA 92591

FINDS **1007730083**
N/A

Site 1 of 2 in cluster A

Relative:
Higher

FINDS:

Actual:
1571 ft.

Registry ID: 110057128932

Environmental Interest/Information System
 STATE MASTER

Registry ID: 110018870220

Environmental Interest/Information System

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

2
ESE
1/2-1
0.543 mi.
2866 ft.

BELL RANCH VINEYARDS
38901 WARREN RD.
TEMECULA, CA 92390

HIST UST **U001575700**
N/A

Relative:
Lower

HIST UST:

Actual:
1497 ft.

Region: STATE
 Facility ID: 00000015887
 Facility Type: Other
 Other Type: FARM
 Contact Name: MIKE MORAMARCO
 Telephone: 7146765208
 Owner Name: BELL ASSOCIATES
 Owner Address: 38901 WARREN RD.
 Owner City,St,Zip: TEMECULA, CA 92390
 Total Tanks: 0002

Tank Num: 001
 Container Num: 1
 Year Installed: 1974
 Tank Capacity: 00004000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Container Construction Thickness: Not reported
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: 2
 Year Installed: 1974
 Tank Capacity: 00004000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Container Construction Thickness: Not reported
 Leak Detection: Stock Inventor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A3
SSE
1/2-1
0.562 mi.
2970 ft.

RANCHO CALIFORNIA WATER DISTRICT
37805 RANCHO CALIFORNIA RD
TEMECULA, CA 92591

RCRA-SQG 1007447306
TRIS 76401SCHRB923CR
HAZNET

Site 2 of 2 in cluster A

Relative:
Higher

RCRA-SQG:

Date form received by agency: 06/25/2004
Facility name: RANCHO CALIFORNIA WATER DISTRICT
Facility address: 37805 RANCHO CALIFORNIA RD
TEMECULA, CA 92591
EPA ID: CAR000154948
Mailing address: 42135 WINCHESTER RD
TEMECULA, CA 925899017
Contact: ANDREW L WEBSTER
Contact address: 42135 WINCHESTER RD
TEMECULA, CA 925899017
Contact country: US
Contact telephone: 909-296-6900
Contact email: WEBSTERA@RANCHOWATER.COM
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Actual:
1576 ft.

Owner/Operator Summary:

Owner/operator name: RANCHO CALIFORNIA WATER DISTRICT
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: District
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1967
Owner/Op end date: Not reported

Owner/operator name: RANCHO CALIFORNIA WATER DISTRICT
Owner/operator address: 42135 WINCHESTER RD
TEMECULA, CA 92589
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1967
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RANCHO CALIFORNIA WATER DISTRICT (Continued)

1007447306

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

TRIS:

[Click this hyperlink](#) while viewing on your computer to access
1 additional US_TRIS: record(s) in the EDR Site Report.

HAZNET:

envid: 1007447306
Year: 2004
GEPaid: CAR000154948
Contact: ANDREW L WEBSTER
Telephone: 9092966900
Mailing Name: Not reported
Mailing Address: 42135 WINCHESTER RD
Mailing City,St,Zip: TEMECULA, CA 925899017
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Treatment, Tank
Tons: 15.17
Facility County: Riverside

B4
SSE
1/2-1
0.704 mi.
3719 ft.

37100 AVENIDA ANTONAVICH
TEMECULA, CA
Site 1 of 2 in cluster B

CHMIRS S105632793
N/A

Relative:
Lower

CHMIRS:
OES Incident Number: 388
OES notification: Not reported
OES Date: 11/27/1994
OES Time: 08:01:50 AM
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agency Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported

Actual:
1484 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105632793

Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	CHEMICAL
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1994
Agency:	rvsde coifd
Incident Date:	11/26/94 2050
Admin Agency:	Not reported
Amount:	6 oz
Contained:	NO
Site Type:	Not reported
E Date:	Not reported
Substance:	meuric iodide
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	YES
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	antique bottle maiantained by citizen accidently broken owner attemptped to clean up - became ill - called fire dept co hlth took over clean up upon ntfctn - owenr hospitalized

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

5
SSW
1/2-1
0.748 mi.
3948 ft.

BILL WILSON
39410 BERENDA RD
TEMECULA, CA 92591

HAZNET **S112960194**
N/A

Relative:
Lower

HAZNET:
envid: S112960194
Year: 2007
GEPaid: CAC002614666
Contact: BILL WILSON
Telephone: 9516999463
Mailing Name: Not reported
Mailing Address: 35960 RANCHO CALIFORNIA RD
Mailing City,St,Zip: TEMECULA, CA 92591
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 33.71
Facility County: Riverside

B6
SSE
1/2-1
0.784 mi.
4140 ft.

VERIZON CALIFORNIA, INC.; RANCHO CALIFORNIA RLU2
36195 RANCHO CALIFORNIA RD
TEMECULA, CA 92591
Site 2 of 2 in cluster B

FINDS **1016715563**
N/A

Relative:
Lower

FINDS:
Registry ID: 110057079897
Environmental Interest/Information System
STATE MASTER

7
SSE
1/2-1
0.788 mi.
4162 ft.

ROBISON PREZIOSO INC
37805 RANCHO CALIFORNIA RD
TEMECULA, CA 92591

HAZNET **S112938432**
N/A

Relative:
Lower

HAZNET:
envid: S112938432
Year: 2004
GEPaid: CAC002578936
Contact: MARIE SHOVER
Telephone: 5629069002
Mailing Name: Not reported
Mailing Address: 10114 SHOEMAKER AVE
Mailing City,St,Zip: SANTA FE SPRINGS, CA 90670
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler

Actual:
1464 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ROBISON PREZIOSO INC (Continued)

S112938432

Tons: 0.22
 Facility County: Riverside

8

ESE
1/2-1
0.803 mi.
4239 ft.

**BUCK RD AT RANCHO CALIFORNIA RD
 TEMECULA, CA**

**CHMIRS S105671752
 N/A**

**Relative:
 Lower**

CHMIRS:

**Actual:
 1513 ft.**

OES Incident Number:	1-5501
OES notification:	09/27/2001
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Co. Health
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	Riverside Co Fire Dept.
Incident Date:	9/27/2001 12:00:00 AM
Admin Agency:	Riverside County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Road
E Date:	Not reported
Substance:	Waste Motor oil Oil Base paint

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S105671752

Gallons:	30
Unknown:	0.000000
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	The materials were located illegally abandoned along the roadside in Temecula. None of the substances were released.

C9 **GREG A PENNYROYAL**
SSE **35960 RANCHO CALIFORNIA RD**
1/2-1 **TEMECULA, CA 92591**
0.854 mi.
4510 ft. **Site 1 of 4 in cluster C**

PEST LIC **S117634887**
N/A

Relative: **PEST LIC:**
Lower Facility Type: QAL
 Categories: DP
Actual: License No: 130477
1457 ft. Issued or Renewed Date: 01/01/2014
 Expiration Date: 12/31/2015

C10 **WILSON CREEK WINERY AND VINEYARDS INC.**
SSE **35960 RANCHO CALIFORNIA RD**
1/2-1 **TEMECULA, CA 92591**
0.854 mi.
4510 ft. **Site 2 of 4 in cluster C**

PEST LIC **S117643294**
N/A

Relative: **PEST LIC:**
Lower Facility Type: PCM
 Categories: Not reported
Actual: License No: 39969
1457 ft. Issued or Renewed Date: 03/09/2015
 Expiration Date: 12/31/2015

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

C11 SSE 1/2-1 0.854 mi. 4510 ft.	WILSON CREEK WINE 35960 RANCHO CALIFORNIA RD TEMECULA, CA 92591 Site 3 of 4 in cluster C	HAZNET	S112901838 N/A
---	---	---------------	---------------------------------

Relative: Lower	HAZNET: envid: S112901838 Year: 2004 Actual: 1457 ft.
	GEPAID: CAC002185777 Contact: TIM HENRY Telephone: 9096999463 Mailing Name: Not reported Mailing Address: 35960 RANCHO CALIFORNIA RD Mailing City,St,Zip: TEMECULA, CA 92591 Gen County: Not reported TSD EPA ID: IND000646943 TSD County: Not reported Waste Category: Unspecified solvent mixture Disposal Method: Recycler Tons: 0.45 Facility County: Riverside

C12 SSE 1/2-1 0.854 mi. 4510 ft.	WILSON CREEK WINERY 35960 RANCHO CALIFORNIA RD TEMECULA, CA 92591 Site 4 of 4 in cluster C	HAZNET	S113146846 N/A
---	---	---------------	---------------------------------

Relative: Lower	HAZNET: envid: S113146846 Year: 2011 Actual: 1457 ft.
	GEPAID: CAL000317782 Contact: MICK WILSON Telephone: 9516999463 Mailing Name: Not reported Mailing Address: 35960 RANCHO CALIFORNIA RD Mailing City,St,Zip: TEMECULA, CA 925915088 Gen County: Not reported TSD EPA ID: CAD982444481 TSD County: Not reported Waste Category: Other organic solids Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) Tons: 0.6 Facility County: Riverside
	envid: S113146846 Year: 2011 GEPAID: CAL000317782 Contact: MICK WILSON Telephone: 9516999463 Mailing Name: Not reported Mailing Address: 35960 RANCHO CALIFORNIA RD Mailing City,St,Zip: TEMECULA, CA 925915088 Gen County: Not reported TSD EPA ID: CAD981696420 TSD County: Not reported Waste Category: Waste oil and mixed oil Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILSON CREEK WINERY (Continued)

S113146846

(H010-H129) Or (H131-H135)
 Tons: 0.418
 Facility County: Riverside

envid: S113146846
 Year: 2010
 GEPAID: CAL000317782
 Contact: MICK WILSON
 Telephone: 9516999463
 Mailing Name: Not reported
 Mailing Address: 35960 RANCHO CALIFORNIA RD
 Mailing City,St,Zip: TEMECULA, CA 925915088
 Gen County: Not reported
 TSD EPA ID: CAD981696420
 TSD County: Not reported
 Waste Category: Waste oil and mixed oil
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
 (H010-H129) Or (H131-H135)

Tons: 0.209
 Facility County: Riverside

envid: S113146846
 Year: 2009
 GEPAID: CAL000317782
 Contact: MICK WILSON
 Telephone: 9516999463
 Mailing Name: Not reported
 Mailing Address: 35960 RANCHO CALIFORNIA RD
 Mailing City,St,Zip: TEMECULA, CA 925915088
 Gen County: Not reported
 TSD EPA ID: CAD981696420
 TSD County: Not reported
 Waste Category: Waste oil and mixed oil
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
 (H010-H129) Or (H131-H135)

Tons: 0.209
 Facility County: Riverside

13
 NE
 1/2-1
 0.876 mi.
 4624 ft.

**37440 BOREL RD.
 WINCHESTER, CA 90012**

**CHMIRS S108402762
 N/A**

**Relative:
 Higher**

CHMIRS:
 OES Incident Number: 5-2411
 OES notification: 04/22/2005
 OES Date: Not reported
 OES Time: Not reported
Date Completed: Not reported
 Property Use: Not reported
 Agency Id Number: Not reported
 Agency Incident Number: Not reported
 Time Notified: Not reported
 Time Completed: Not reported
 Surrounding Area: Not reported
 Estimated Temperature: Not reported
 Property Management: Not reported

**Actual:
 1606 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S108402762

More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2005
Agency:	Metropolitan Water District
Incident Date:	4/22/200512:00:00 AM
Admin Agency:	Riverside County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Utilities/Substation
E Date:	Not reported
Substance:	Sodium Hydroxide
Gallons:	0.000000
Pints:	2
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	The common name for this substance is caustic soda. A delivery truck had a drip as it left the water treatment plant.

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

D14 SSE 1/2-1 0.890 mi. 4701 ft.	DRAKE ENTERPRISES INC 39390 COLLEEN WAY TEMECULA, CA 92592 Site 1 of 3 in cluster D	HAZNET	S112972519 N/A
---	--	---------------	---------------------------------

Relative: Lower	HAZNET: envid: S112972519 Year: 2008
Actual: 1499 ft.	GEPaid: CAC002633903 Contact: BEN DRAKE Telephone: 9516768188 Mailing Name: Not reported Mailing Address: PO BOX 890009 Mailing City, St, Zip: TEMECULA, CA 92589 Gen County: Not reported TSD EPA ID: CAT080013352 TSD County: Not reported Waste Category: Unspecified oil-containing waste Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) Tons: 6.255 Facility County: Riverside

D15 SSE 1/2-1 0.941 mi. 4968 ft.	BLACK KNIGHT TERMITE & PEST CONTROL 39433 COLLEEN WY TEMECULA, CA 92592 Site 2 of 3 in cluster D	PEST LIC	S117639974 N/A
---	---	-----------------	---------------------------------

Relative: Lower	PEST LIC: Facility Type: PCM Categories: Not reported
Actual: 1483 ft.	License No: 32943 Issued or Renewed Date: 01/01/2015 Expiration Date: 12/31/2016

D16 SSE 1/2-1 0.941 mi. 4968 ft.	JAMES A PINNEO 39433 COLEEN WY TEMECULA, CA 92592 Site 3 of 3 in cluster D	PEST LIC	S117628135 N/A
---	---	-----------------	---------------------------------

Relative: Lower	PEST LIC: Facility Type: QAL Categories: B
Actual: 1483 ft.	License No: 108642 Issued or Renewed Date: 01/01/2014 Expiration Date: 12/31/2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E17
NE
> 1
1.012 mi.
5341 ft.

37740 BOREL RD
WINCHESTER, CA 92396

Site 1 of 2 in cluster E

CHMIRS S110419750
N/A

Relative:
Higher

CHMIRS:

Actual:
1594 ft.

OES Incident Number:	08-5954
OES notification:	08/15/2008
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Treatment/Sewage Facility
Cleanup By:	Responsible Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Oz.
Other:	Not reported
Date/Time:	1120
Year:	2008
Agency:	Metro Water Dist
Incident Date:	8/15/2008
Admin Agency:	Riverside County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Ferric Chloride
Quantity Released:	1
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S110419750

Evacuations: 0
 Number of Injuries: 0
 Number of Fatalities: 0
 #1 Pipeline: Not reported
 #2 Pipeline: Not reported
 #3 Pipeline: Not reported
 #1 Vessel >= 300 Tons: Not reported
 #2 Vessel >= 300 Tons: Not reported
 #3 Vessel >= 300 Tons: Not reported
 Evacs: Not reported
 Injuries: Not reported
 Fatafs: Not reported
 Comments: Not reported
 Description: Drops from the last couple of deliveries.

E18
 NE
 > 1
 1.012 mi.
 5341 ft.

37740 BOREL RD.
 WINCHESTER, CA 92596

Site 2 of 2 in cluster E

CHMIRS S107449959
 N/A

Relative:
 Higher

CHMIRS:
 OES Incident Number: 4-4777
 OES notification: 09/14/2004
 OES Date: Not reported
 OES Time: Not reported
Date Completed: Not reported
 Property Use: Not reported
 Agency Id Number: Not reported
 Agency Incident Number: Not reported
 Time Notified: Not reported
 Time Completed: Not reported
 Surrounding Area: Not reported
 Estimated Temperature: Not reported
 Property Management: Not reported
 More Than Two Substances Involved?: Not reported
 Resp Agncy Personel # Of Decontaminated: Not reported
 Responding Agency Personel # Of Injuries: Not reported
 Responding Agency Personel # Of Fatalities: Not reported
 Others Number Of Decontaminated: Not reported
 Others Number Of Injuries: Not reported
 Others Number Of Fatalities: Not reported
 Vehicle Make/year: Not reported
 Vehicle License Number: Not reported
 Vehicle State: Not reported
 Vehicle Id Number: Not reported
 CA DOT PUC/ICC Number: Not reported
 Company Name: Not reported
 Reporting Officer Name/ID: Not reported
 Report Date: Not reported
 Facility Telephone: Not reported
 Waterway Involved: Not reported
 Waterway: Not reported
 Spill Site: Not reported
 Cleanup By: Contractor
 Containment: Not reported
 What Happened: Not reported
 Type: Not reported

Actual:
 1594 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S107449959

Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2004
Agency:	Metropolitan Water District/Winchester
Incident Date:	9/13/2004 12:00:00 AM
Admin Agency:	Riverside County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Treatment/Sewage Facility
E Date:	Not reported
Substance:	Water w/ Ferris chloride
Gallons:	10
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Mechanical failure caused this release.

19
SE
> 1
1.048 mi.
5532 ft.

REGALADO RESIDENCE
39370 CAMINO DE MAGNOLIA
TEMECULA, CA 92592

NPDES S109455661
N/A

Relative:
Lower

NPDES:
 Npdes Number: CAS000002
 Facility Status: Terminated
 Agency Id: 0
 Region: 9
 Regulatory Measure Id: 323804
 Order No: 2009-0009-DWQ
 Regulatory Measure Type: Enrollee
 Place Id: Not reported
 WDID: 9 33C346663
 Program Type: Construction
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 04/23/2007
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: 06/18/2015
 Discharge Name: Regalado Residence
 Discharge Address: 39370 Camino De Magnolia
 Discharge City: Temecula
 Discharge State: California
 Discharge Zip: 92592
 RECEIVED DATE: Not reported

Actual:
1503 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REGALADO RESIDENCE (Continued)

S109455661

PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REGALADO RESIDENCE (Continued)

S109455661

Facility Status:	Not reported
Agency Id:	Not reported
Region:	9
Regulatory Measure Id:	323804
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	9 33C346663
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	6/18/2015
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	5/9/2008
PROCESSED DATE:	4/23/2007
STATUS CODE NAME:	Terminated
STATUS DATE:	6/18/2015
PLACE SIZE:	2.6
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Patty Regalado
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	951-235-5740
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Regalado Residence
OPERATOR ADDRESS:	39370 Camino De Magnolia
OPERATOR CITY:	Temecula
OPERATOR STATE:	California
OPERATOR ZIP:	92592
OPERATOR CONTACT NAME:	Patty Regalado
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	951-235-5740
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Mario Regalado
DEVELOPER ADDRESS:	39370 Camino De Magnolia
DEVELOPER CITY:	Temecula
DEVELOPER STATE:	California
DEVELOPER ZIP:	92592
DEVELOPER CONTACT NAME:	Patty Regalado
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REGALADO RESIDENCE (Continued)

S109455661

CONSTYPE INDUSTRIAL IND: Not reported
CONSTYPE OTHER DESCRIPTION: Not reported
CONSTYPE OTHER IND: Not reported
CONSTYPE RECONS IND: Not reported
CONSTYPE RESIDENTIAL IND: Y
CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: Not reported
RECEIVING WATER NAME: Not reported
CERTIFIER NAME: Mirella Regalado
CERTIFIER TITLE: Not reported
CERTIFICATION DATE: 30-JUN-10
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

F20
NE
> 1
1.175 mi.
6204 ft.

LK SKINNER STORE/DRYDOCK
37701 WARREN RD
WINCHESTER, CA 92596

UST U003948937
N/A

Site 1 of 2 in cluster F

Relative:
Higher

UST:
Facility ID: 451
Permitting Agency: RIVERSIDE COUNTY
Latitude: 33.5919072
Longitude: -117.0355455

Actual:
1625 ft.

RIVERSIDE CO. UST:
Region: RIVERSIDE
Total Tanks: 2

F21
NE
> 1
1.175 mi.
6204 ft.

LAKE SKINNER STORE/DRYDOCK
37701 WARREN RD
WINCHESTER, CA 92396

SWEEPS UST U001575838
HIST UST N/A

Site 2 of 2 in cluster F

Relative:
Higher

SWEEPS UST:
Status: Active
Comp Number: 66231
Number: 1
Board Of Equalization: 44-018489
Referral Date: 11-16-92
Action Date: 11-16-92
Created Date: 03-08-89
Owner Tank Id: 001186
SWRCB Tank Id: 33-000-066231-000001
Tank Status: A
Capacity: 10000
Active Date: 11-16-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED

Actual:
1625 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKE SKINNER STORE/DRYDOCK (Continued)

U001575838

Number Of Tanks: 2

Status: Active
Comp Number: 66231
Number: 1
Board Of Equalization: 44-018489
Referral Date: 11-16-92
Action Date: 11-16-92
Created Date: 03-08-89
Owner Tank Id: 001186
SWRCB Tank Id: 33-000-066231-000002
Tank Status: A
Capacity: 10000
Active Date: 11-16-92
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

HIST UST:

Region: STATE
Facility ID: 00000066229
Facility Type: Other
Other Type: PARK
Contact Name: GEORGE LEJA
Telephone: 7149261541
Owner Name: RIVERSIDE COUNTY PARKS
Owner Address: 4600 CRESTMORE ROAD
Owner City,St,Zip: RIVERSIDE, CA 92509
Total Tanks: 0001

Tank Num: 001
Container Num: 3
Year Installed: 1976
Tank Capacity: 00001000
Tank Used for: Not reported
Type of Fuel: 1
Container Construction Thickness: 0 1
Leak Detection: Visual, Stock Inventor

22
South
> 1
1.336 mi.
7055 ft.

MCMILLAN FARM MANAGEMENT
35350 RANCHO CALIFORNIA RD
TEMECULA, CA 92591

UST U003152831
N/A

Relative:
Lower

UST:
Facility ID: 477
Permitting Agency: RIVERSIDE COUNTY
Latitude: 33.54126
Longitude: -117.04626

Actual:
1462 ft.

RIVERSIDE CO. UST:
Region: RIVERSIDE
Total Tanks: 1

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

23
South
> 1
1.395 mi.
7364 ft.

PONTE FAMILY ESTATE WINERY
35053 RANCHO CALIFORNIA ROAD
TEMECULA, CA 92591

SWF/LF **S113880112**
ENF **N/A**
NPDES

Relative:
Lower

SWF/LF (SWIS):
 Region: STATE
 Facility ID: 33-AA-0361
 Lat/Long: 33.5348200 / -117.03986
 Owner Name: Ponte Winery
 Owner Telephone: 9516948855
 Owner Address: Ponte Claudio
 Owner Address2: 35053 Ranch California
 Owner City,St,Zip: Temecula, CA 92592
 Operational Status: Active
 Operator: Arborquest Tree Service, Inc.
 Operator Phone: 9519266059
 Operator Address: John Laan
 Operator Address2: P.O. Box 8922800
 Operator City,St,Zip: Temecula, CA 92589
 Permit Date: 01/26/2015
 Permit Status: Notification
 Permitted Acreage: 5
 Activity: Chipping and Grinding Activity Fac./ Op.
 Regulation Status: Notification
 Landuse Name: Not reported
 GIS Source: Map
 Category: Composting
 Unit Number: 01
 Inspection Frequency: Quarterly
 Accepted Waste: Green Materials
 Closure Date: Not reported
 Closure Type: Not reported
 Disposal Acreage: Not reported
 SWIS Num: 33-AA-0361
 Waste Discharge Requirement Num: Not reported
 Program Type: Not reported
 Permitted Throughput with Units: 100
 Actual Throughput with Units: Cubic Yards
 Permitted Capacity with Units: 14000
 Remaining Capacity: Not reported
 Remaining Capacity with Units: Cu Yards/year
 Lat/Long: 33.5348200 / -117.03986

ENF:

Region: 9
 Facility Id: 794757
 Agency Name: Ponte Vineyard Inn GP, LLC
 Place Type: Irrigated Land
 Place Subtype: Irrigated Lands
 Facility Type: Not reported
 Agency Type: Privately-Owned Business
 # Of Agencies: 1
 Place Latitude: Not reported
 Place Longitude: Not reported
 SIC Code 1: Not reported
 SIC Desc 1: Not reported
 SIC Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PONTE FAMILY ESTATE WINERY (Continued)

S113880112

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:	IRRIWAIVER
Program Category1:	IRRI
Program Category2:	IRRI
# Of Programs:	1
WDID:	Not reported
Reg Measure Id:	391160
Reg Measure Type:	Enrollee
Region:	9
Order #:	R9-2007-0104W4
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	06/24/2013
Effective Date:	10/10/2007
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	21 - Non Billable Waivers
Direction/Voice:	Passive
Enforcement Id(EID):	391192
Region:	9
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	06/14/2013
Adoption/Issuance Date:	06/14/2013
Achieve Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PONTE FAMILY ESTATE WINERY (Continued)

S113880112

Termination Date: 06/14/2013
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: SEL 06/14/2013 for PONTE VINEYARD INN GP, LLC
Description: Failure to file NOI. 06/24/2013: Became member of Upper Santa Margarita Irrigated Lands Group.
Program: IRRIWAIVER
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: \$0.00
Initial Assessed Amount: \$0.00
Liability \$ Amount: \$0.00
Project \$ Amount: \$0.00
Liability \$ Paid: \$0.00
Project \$ Completed: \$0.00
Total \$ Paid/Completed Amount: \$0.00

NPDES:

Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 9
Regulatory Measure Id: 461136
Order No: Not reported
Regulatory Measure Type: No Exposure Certification
Place Id: Not reported
WDID: 9 33NEC000380
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
RECEIVED DATE: 8/14/2015
PROCESSED DATE: 8/17/2015
STATUS CODE NAME: Active
STATUS DATE: 8/17/2015
PLACE SIZE: 9.58
PLACE SIZE UNIT: Acres
FACILITY CONTACT NAME: Claudio Ponte
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: 951-694-8855
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: aalford@pontewinery.com
OPERATOR NAME: Ponte Winery
OPERATOR ADDRESS: 35053 Rancho California Road
OPERATOR CITY: Temecula
OPERATOR STATE: California
OPERATOR ZIP: 92591
OPERATOR CONTACT NAME: Claudio Ponte
OPERATOR CONTACT TITLE: Not reported
OPERATOR CONTACT PHONE: 951-694-8855

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PONTE FAMILY ESTATE WINERY (Continued)

S113880112

OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	aalford@pontewinery.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Claudio Ponte
CERTIFIER TITLE:	Owner
CERTIFICATION DATE:	14-AUG-15
PRIMARY SIC:	2084-Wines, Brandy, and Brandy Spirits
SECONDARY SIC:	2084-Wines, Brandy, and Brandy Spirits
TERTIARY SIC:	2084-Wines, Brandy, and Brandy Spirits

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
TEMECULA	S107532403		29445 RANCHO CALIFORNIA ROAD,	92592	CDL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	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: 03/26/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/08/2015	Telephone: 703-603-8704
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 07/10/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Varies

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This 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 a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 08/12/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/30/2015
	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: 06/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2015	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 08/31/2015
Number of Days to Update: 68	Next Scheduled EDR Contact: 12/14/2015
	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: 06/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2015	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 08/31/2015
Number of Days to Update: 68	Next Scheduled EDR Contact: 12/14/2015
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/22/2015	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 06/26/2015	Telephone: 202-267-2180
Date Made Active in Reports: 09/16/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Annually

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: 08/03/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/04/2015	Telephone: 916-323-3400
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 08/04/2015
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/16/2015
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/03/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/04/2015	Telephone: 916-323-3400
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 08/04/2015
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/16/2015
	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: 08/17/2015	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 08/18/2015	Telephone: 916-341-6320
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 08/18/2015
Number of Days to Update: 16	Next Scheduled EDR Contact: 11/30/2015
	Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 03/17/2015
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 52

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 24

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 53

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/08/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/08/2015	Telephone: 415-972-3372
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/30/2015	Source: EPA Region 8
Date Data Arrived at EDR: 05/05/2015	Telephone: 303-312-6271
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/30/2015	Source: EPA Region 7
Date Data Arrived at EDR: 04/28/2015	Telephone: 913-551-7003
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

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: 06/15/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/17/2015	Telephone: 866-480-1028
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/28/2015
	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	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	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	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/10/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 19

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 03/17/2015
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 52

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Semi-Annually

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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 48

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/06/2015
Date Data Arrived at EDR: 05/19/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 34

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

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: 02/03/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 53

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Semi-Annually

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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 27

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
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: 08/03/2015
Date Data Arrived at EDR: 08/04/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 06/08/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/24/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/24/2015
Next Scheduled EDR Contact: 10/05/2015
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: 08/04/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 47

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 8

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/12/2015
Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985

Date Data Arrived at EDR: 08/09/2004

Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346

Last EDR Contact: 06/09/2004

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/01/2015

Date Data Arrived at EDR: 06/02/2015

Date Made Active in Reports: 09/16/2015

Number of Days to Update: 106

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 08/31/2015

Next Scheduled EDR Contact: 12/14/2015

Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005

Date Data Arrived at EDR: 08/03/2006

Date Made Active in Reports: 08/24/2006

Number of Days to Update: 21

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

Last EDR Contact: 02/23/2009

Next Scheduled EDR Contact: 05/25/2009

Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/03/2015

Date Data Arrived at EDR: 08/04/2015

Date Made Active in Reports: 09/03/2015

Number of Days to Update: 30

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 08/04/2015

Next Scheduled EDR Contact: 11/16/2015

Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2014

Date Data Arrived at EDR: 03/10/2015

Date Made Active in Reports: 03/18/2015

Number of Days to Update: 8

Source: Department of Toxic Substances Control

Telephone: 916-255-6504

Last EDR Contact: 08/07/2015

Next Scheduled EDR Contact: 10/28/2015

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/15/2015
Date Data Arrived at EDR: 06/02/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 106

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 06/11/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/08/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 35

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/09/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Annually

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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 07/28/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 6

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/28/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

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

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

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

Other Ascertainable Records

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

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
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: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 07/08/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/14/2015
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/14/2015
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 05/21/2015
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/31/2015
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/01/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/02/2015	Telephone: 202-566-1917
Date Made Active in Reports: 09/16/2015	Last EDR Contact: 08/12/2015
Number of Days to Update: 106	Next Scheduled EDR Contact: 11/30/2015
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 08/04/2015
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/23/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 05/14/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/24/2015
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012	Source: EPA
Date Data Arrived at EDR: 01/15/2015	Telephone: 202-260-5521
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 06/25/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2013	Source: EPA
Date Data Arrived at EDR: 02/12/2015	Telephone: 202-566-0250
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 01/29/2015
Number of Days to Update: 110	Next Scheduled EDR Contact: 06/08/2015
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/22/2015
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 06/12/2015
Number of Days to Update: 74	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/13/2015	Telephone: 202-564-8600
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 05/14/2015
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/24/2015
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014	Source: EPA
Date Data Arrived at EDR: 10/15/2014	Telephone: 202-566-0500
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 07/17/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2015	Telephone: 202-564-5088
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/20/2015
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/20/2015
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/31/2015	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/09/2015	Telephone: 301-415-7169
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 06/04/2015
Number of Days to Update: 63	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 07/13/2015
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/12/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/21/2015
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/31/2015
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/28/2015
Next Scheduled EDR Contact: 12/07/2015
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/14/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Semi-Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 05/26/2015
Number of Days to Update: 146	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/26/2014	Telephone: 703-603-8787
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/07/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust.

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 07/22/2015	Source: EPA
Date Data Arrived at EDR: 07/24/2015	Telephone: 202-564-2496
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 07/22/2015	Source: EPA
Date Data Arrived at EDR: 07/24/2015	Telephone: 202-564-2496
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/22/2015
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/14/2015	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/03/2015	Telephone: 303-231-5959
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 09/01/2015
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/14/2015
	Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 06/05/2015
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 06/05/2015
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2015	Source: EPA
Date Data Arrived at EDR: 02/27/2015	Telephone: (415) 947-8000
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 06/10/2015
Number of Days to Update: 26	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 18

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
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: 08/10/2015
Date Data Arrived at EDR: 08/27/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/03/2015
Next Scheduled EDR Contact: 12/21/2015
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: 12/31/2012
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 34

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/25/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/24/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/24/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/06/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/24/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 08/17/2015
Date Data Arrived at EDR: 08/18/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 16

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/14/2015
Next Scheduled EDR Contact: 11/30/2015
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/17/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/24/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/26/2015
Next Scheduled EDR Contact: 12/07/2015
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/13/2015
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
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: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/09/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/17/2015
Date Data Arrived at EDR: 08/18/2015
Date Made Active in Reports: 09/11/2015
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/18/2015
Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 06/07/2015
Date Data Arrived at EDR: 06/10/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 34

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
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: 08/04/2015
Date Data Arrived at EDR: 08/25/2015
Date Made Active in Reports: 10/05/2015
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 10/05/2015
Next Scheduled EDR Contact: 01/04/2016
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: 11/19/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 45

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/19/2015
Next Scheduled EDR Contact: 09/28/2015
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: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
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: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
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 US Hist Auto Stat: 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 US Hist Cleaners: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 07/21/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/05/2015
Number of Days to Update: 12

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/21/2015
Date Data Arrived at EDR: 07/22/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 12

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa Facility List

Date of Government Version: 06/05/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 31

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 07/15/2015
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 17

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 11/23/2015
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: 08/24/2015
Date Data Arrived at EDR: 08/25/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 37

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/03/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa Facility list

Date of Government Version: 05/20/2015
Date Data Arrived at EDR: 08/03/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 31

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 7

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 08/03/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

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: 07/13/2015
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 20

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/06/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/04/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 27

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/24/2015
Next Scheduled EDR Contact: 12/07/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 08/11/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 05/19/2015
Date Data Arrived at EDR: 06/18/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 34

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

KINGS 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.

Date of Government Version: 08/25/2015
Date Data Arrived at EDR: 08/27/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 34

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/24/2015
Next Scheduled EDR Contact: 12/07/2015
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 08/11/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Varies

LOS ANGELES COUNTY:

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
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014	Source: Department of Public Works
Date Data Arrived at EDR: 01/30/2015	Telephone: 626-458-3517
Date Made Active in Reports: 03/04/2015	Last EDR Contact: 07/10/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/20/2015	Source: La County Department of Public Works
Date Data Arrived at EDR: 07/21/2015	Telephone: 818-458-5185
Date Made Active in Reports: 08/03/2015	Last EDR Contact: 07/21/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2015	Source: Engineering & Construction Division
Date Data Arrived at EDR: 07/27/2015	Telephone: 213-473-7869
Date Made Active in Reports: 08/10/2015	Last EDR Contact: 07/20/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 01/15/2015	Source: Community Health Services
Date Data Arrived at EDR: 01/29/2015	Telephone: 323-890-7806
Date Made Active in Reports: 03/10/2015	Last EDR Contact: 07/15/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/02/2015	Telephone: 310-524-2236
Date Made Active in Reports: 04/13/2015	Last EDR Contact: 07/17/2015
Number of Days to Update: 11	Next Scheduled EDR Contact: 11/02/2015
	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: 03/03/2015	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 05/26/2015	Telephone: 562-570-2563
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 07/27/2015
Number of Days to Update: 16	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/03/2015	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 06/04/2015	Telephone: 310-618-2973
Date Made Active in Reports: 07/06/2015	Last EDR Contact: 06/04/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/15/2015
Number of Days to Update: 17

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/08/2014
Date Data Arrived at EDR: 10/22/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 54

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/06/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 30

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 06/01/2015
Date Data Arrived at EDR: 06/03/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 33

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/30/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/16/2015
Number of Days to Update: 9

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sites With Reported Contamination

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

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
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: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 06/03/2015
Date Data Arrived at EDR: 06/04/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 48

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/10/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 24

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/10/2015
Date Made Active in Reports: 09/11/2015
Number of Days to Update: 32

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/11/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 23

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/11/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/01/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 08/05/2015
Number of Days to Update: 29

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/15/2015
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 17

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/15/2015
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 17

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 10

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 07/27/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 7

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 11/23/2015
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: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/03/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

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

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 10

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/25/2015
Date Data Arrived at EDR: 08/27/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 34

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/24/2015
Next Scheduled EDR Contact: 12/07/2015
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 07/22/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 12

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/15/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 06/10/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 06/29/2015
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
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

LOP Listing

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

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/10/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 08/25/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 36

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/24/2015
Next Scheduled EDR Contact: 12/07/2015
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/12/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 24

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
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: 06/19/2015
Date Data Arrived at EDR: 06/24/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 20

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2015
Date Data Arrived at EDR: 06/30/2015
Date Made Active in Reports: 07/07/2015
Number of Days to Update: 7

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 18

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

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

Date of Government Version: 07/01/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 7

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/05/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 27

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 07/13/2015
Date Data Arrived at EDR: 07/28/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 6

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/24/2015
Next Scheduled EDR Contact: 11/09/2015
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 08/17/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 17

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/12/2015
Next Scheduled EDR Contact: 11/30/2015
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: 06/26/2015
Next Scheduled EDR Contact: 10/19/2015
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: 08/12/2015
Next Scheduled EDR Contact: 11/30/2015
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: 07/27/2015
Date Data Arrived at EDR: 07/29/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 36

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/27/2015
Next Scheduled EDR Contact: 11/09/2015
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: 05/27/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 19

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 07/08/2015
Date Data Arrived at EDR: 07/13/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 9

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 07/06/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Annually

YUBA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/04/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 27

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/16/2015
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: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
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: 08/01/2015
Date Data Arrived at EDR: 08/06/2015
Date Made Active in Reports: 08/24/2015
Number of Days to Update: 18

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
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: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014

Date Data Arrived at EDR: 03/19/2015

Date Made Active in Reports: 04/07/2015

Number of Days to Update: 19

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/11/2015

Next Scheduled EDR Contact: 09/28/2015

Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Telephone: 281-546-1505

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

Telephone: 800-823-6277

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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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

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

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

TWELVE OAKS PROJECT
38901 WARREN ROAD
WINCHESTER, CA 92596

TARGET PROPERTY COORDINATES

Latitude (North):	33.5607 - 33° 33' 38.52"
Longitude (West):	117.0475 - 117° 2' 51.00"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	495590.9
UTM Y (Meters):	3713257.0
Elevation:	1524 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640928 BACHELOR MOUNTAIN, CA
Version Date:	2012
East Map:	5641214 SAGE, CA
Version Date:	2012

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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

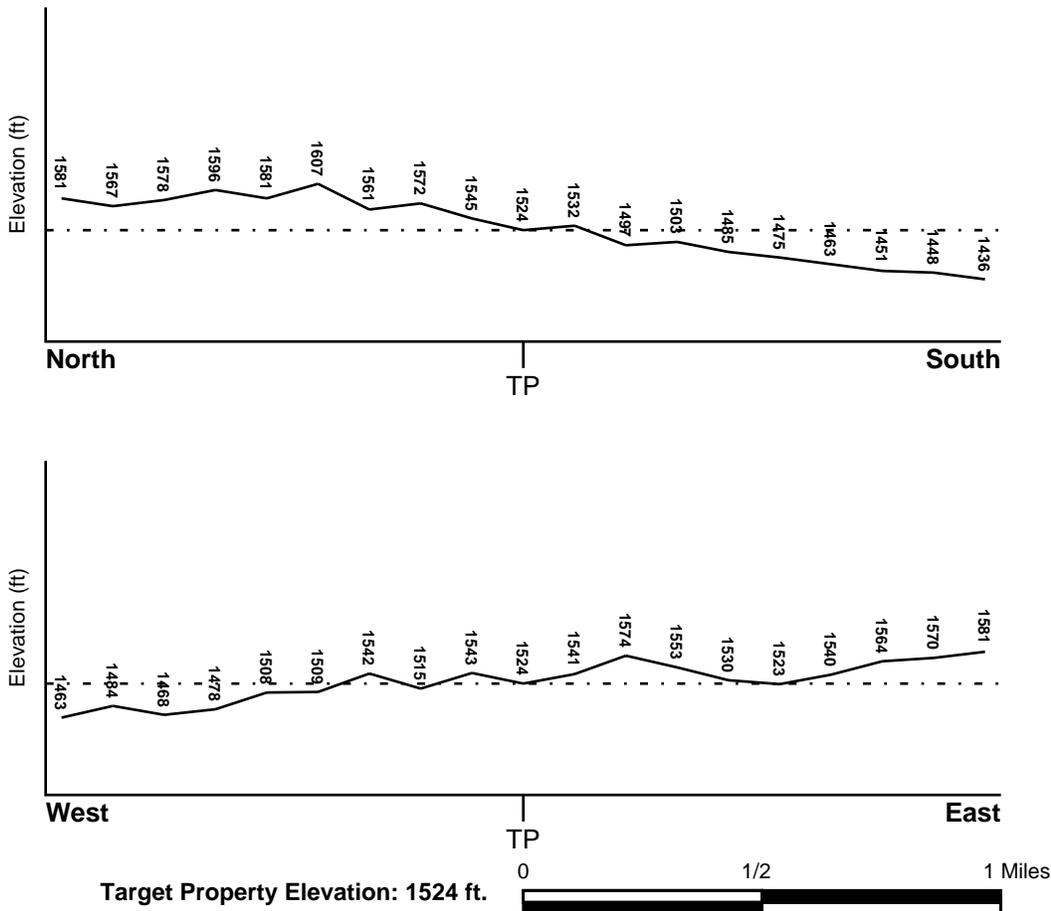
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
RIVERSIDE, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06065C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
BACHELOR MOUNTAIN

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

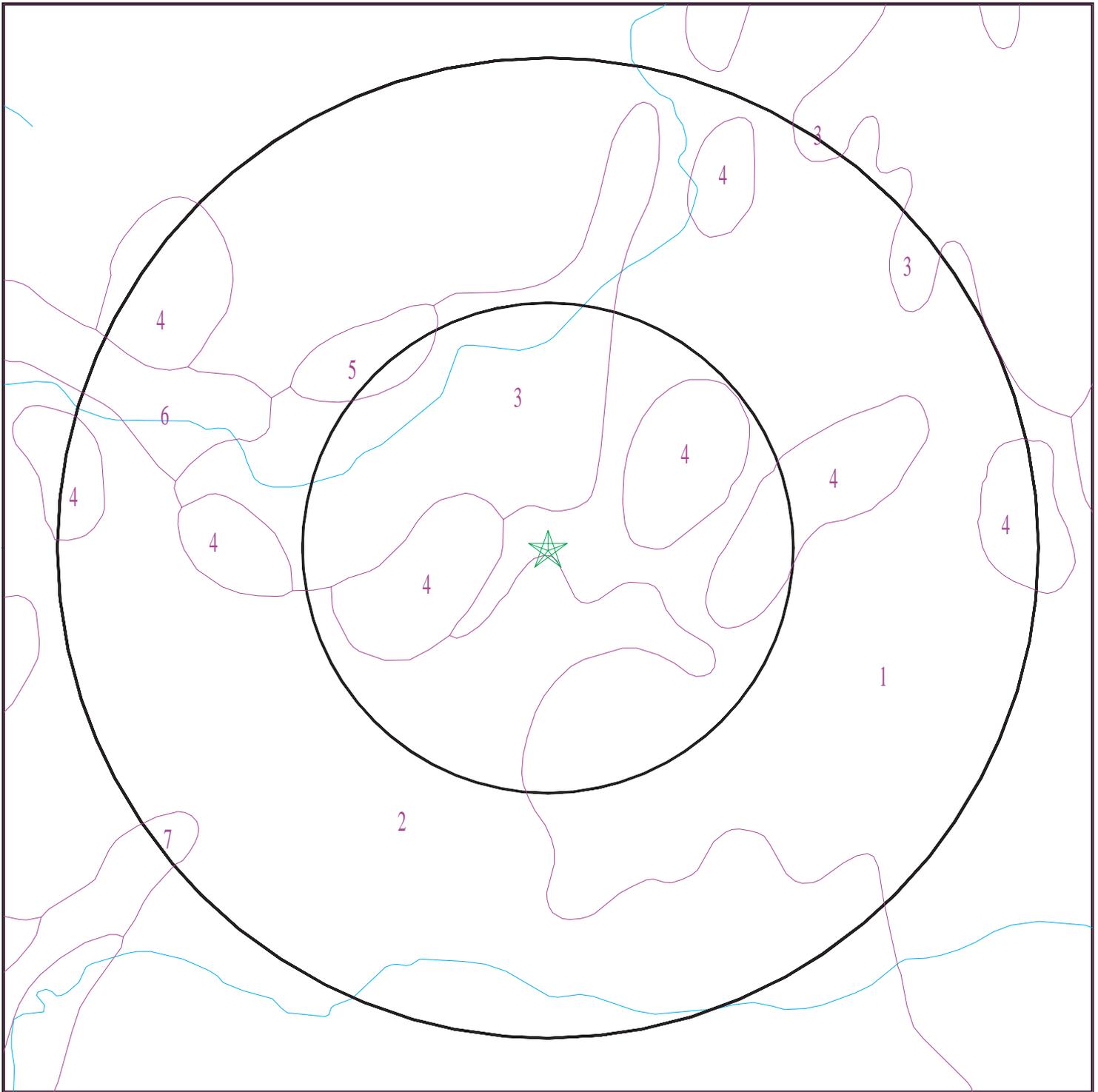
Era: Mesozoic
System: Lower Jurassic and Upper Triassic
Series: Lower Mesozoic
Code: IMze (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 4435993.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Twelve Oaks Project
ADDRESS: 38901 Warren Road
Winchester CA 92596
LAT/LONG: 33.5607 / 117.0475

CLIENT: GeoSoils, Inc.
CONTACT: Todd A. Greer
INQUIRY #: 4435993.2s
DATE: October 12, 2015 7:48 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: ESCONDIDO

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 5.6
2	5 inches	33 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
3	33 inches	38 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 2

Soil Component Name: ESCONDIDO

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 5.6
2	5 inches	33 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
3	33 inches	38 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 3

Soil Component Name: LODO

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: Low

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	7 inches	18 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 4

Soil Component Name: LODO

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: Low

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	7 inches	18 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: CIENEBA

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.1
2	14 inches	22 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 6

Soil Component Name: GARRETSON

Soil Surface Texture: very fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	9 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.1

Soil Map ID: 7

Soil Component Name: PLACENTIA

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.8 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	18 inches	38 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.6
3	38 inches	57 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.4
4	57 inches	59 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	2.125
Federal FRDS PWS	Nearest PWS within 1.125 miles
State Database	2.125

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000135138	1/2 - 1 Mile East
2	USGS40000134953	1/2 - 1 Mile SW
4	USGS40000135018	1/2 - 1 Mile ESE
A5	USGS40000134758	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
6	USGS40000135137	1/2 - 1 Mile East
7	USGS40000135380	1 - 2 Miles NE
8	USGS40000135349	1 - 2 Miles ENE
9	USGS40000135512	1 - 2 Miles NNE
B10	USGS40000135104	1 - 2 Miles East
B11	USGS40000135105	1 - 2 Miles East
D14	USGS40000135569	1 - 2 Miles North
C16	USGS40000134506	1 - 2 Miles South
17	USGS40000135585	1 - 2 Miles NNW
18	USGS40000134480	1 - 2 Miles SSW
19	USGS40000135561	1 - 2 Miles NNE
E20	USGS40000135621	1 - 2 Miles NNW
F21	USGS40000135389	1 - 2 Miles WNW
F22	USGS40000135390	1 - 2 Miles WNW
F23	USGS40000135388	1 - 2 Miles WNW
G24	USGS40000135636	1 - 2 Miles North
H26	USGS40000135632	1 - 2 Miles North
29	USGS40000135225	1 - 2 Miles East
E30	USGS40000135625	1 - 2 Miles NNW
34	USGS40000135633	1 - 2 Miles NNW
35	USGS40000135671	1 - 2 Miles North
I36	USGS40000135171	2 - 3 Miles West
37	USGS40000134458	2 - 3 Miles SSE
38	USGS40000135452	2 - 3 Miles WNW
39	USGS40000135081	2 - 3 Miles West
I40	USGS40000135132	2 - 3 Miles West

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

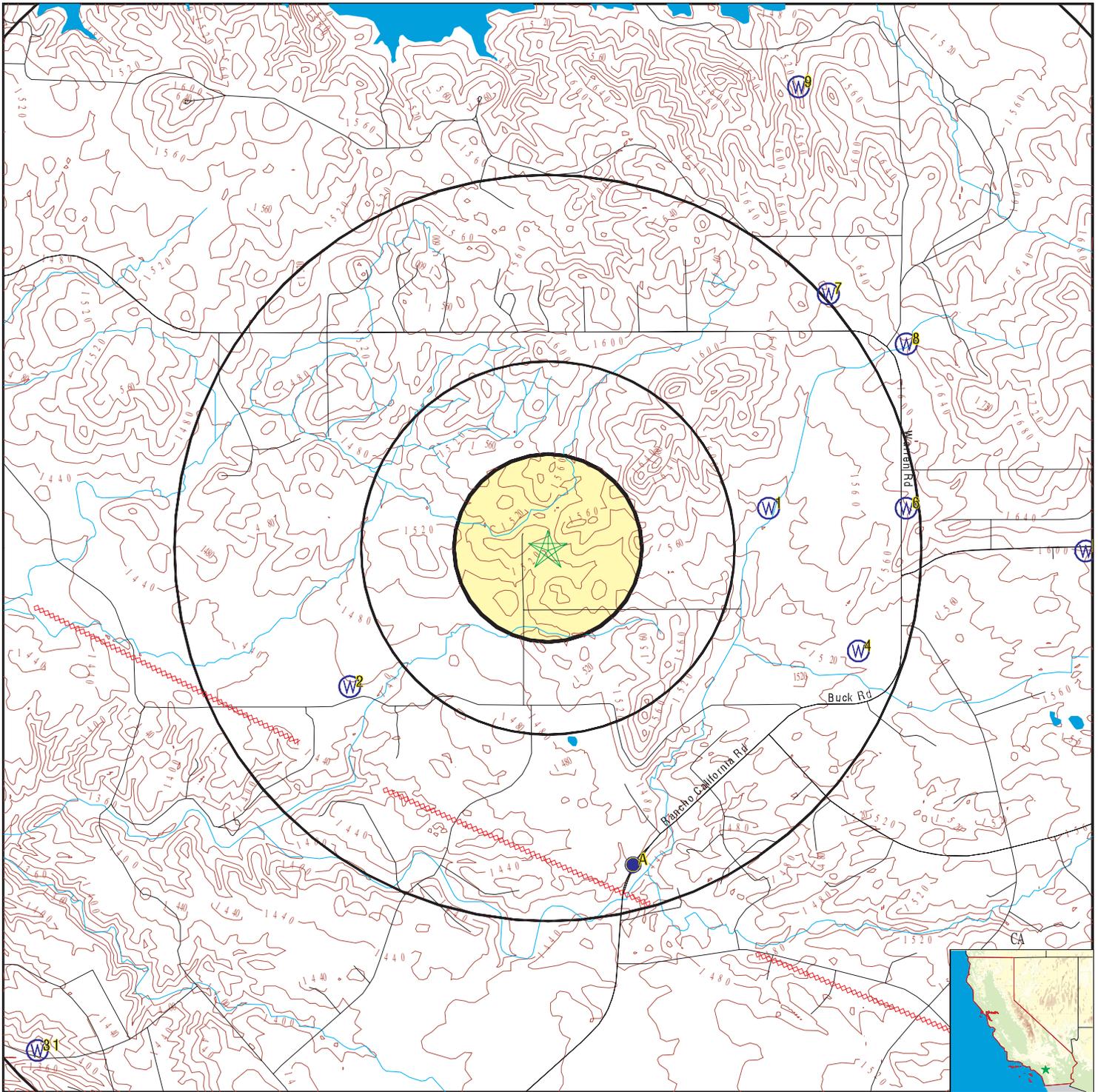
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

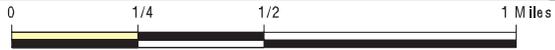
MAP ID	WELL ID	LOCATION FROM TP
A3	CADW60000014516	1/2 - 1 Mile SSE
C12	7853	1 - 2 Miles South
D13	CADW60000021075	1 - 2 Miles North
C15	CADW60000034045	1 - 2 Miles South
G25	CADW60000035366	1 - 2 Miles North
H27	CADW60000034034	1 - 2 Miles NNW
28	7855	1 - 2 Miles South
31	CADW60000015614	1 - 2 Miles SW
32	CADW60000022838	1 - 2 Miles NNW
33	7852	1 - 2 Miles SW

PHYSICAL SETTING SOURCE MAP - 4435993.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Twelve Oaks Project
 ADDRESS: 38901 Warren Road
 Winchester CA 92596
 LAT/LONG: 33.5607 / 117.0475

CLIENT: GeoSoils, Inc.
 CONTACT: Todd A. Greer
 INQUIRY #: 4435993.2s
 DATE: October 12, 2015 7:48 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
East
1/2 - 1 Mile
Lower

FED USGS USGS40000135138

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333344117021101		
Monloc name:	007S002W13G001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5622492
Longitude:	-117.0372492	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1530.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	ft	Welldepth:	43
Wellholedepth units:	Not Reported	Wellholedepth:	Not Reported

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1968-01-01	10.00	

2
SW
1/2 - 1 Mile
Lower

FED USGS USGS40000134953

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333319117032101		
Monloc name:	007S002W14Q001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5553048
Longitude:	-117.0566945	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1460.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	Not Reported		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1968-01-01	40.00	

A3
SSE
1/2 - 1 Mile
Lower

CA WELLS CADW60000014516

Objectid:	14516
Latitude:	33.5484
Longitude:	-117.044
Site code:	335484N1170440W001
State well numbe:	07S02W24F001S
Local well name:	"
Well use id:	6
Well use descrip:	Unknown
County id:	33
County name:	Riverside
Basin code:	'9-5'
Basin desc:	Temecula Valley
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000014516

4
ESE
1/2 - 1 Mile
Lower

FED USGS USGS40000135018

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333324117015601		
Monloc name:	007S002W13R001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5566939
Longitude:	-117.0330824	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1520.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	24
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1968-01-01	24.00	

A5
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000134758

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333254117023201		
Monloc name:	007S002W24F001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5483607
Longitude:	-117.0430828	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1435.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	5
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1967-10-01	1.00	

6
East
1/2 - 1 Mile
Higher

FED USGS USGS40000135137

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333344117014801		
Monloc name:	007S001W18M001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5622492
Longitude:	-117.03086	Sourcemap scale:	Not Reported

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Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1575.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	31
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

7
NE
1 - 2 Miles
Higher

FED USGS USGS40000135380

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333414117020101		
Monloc name:	007S002W12R001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5705822
Longitude:	-117.0344713	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1600.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	30
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1968-01-01	24.00	

8
ENE
1 - 2 Miles
Higher

FED USGS USGS40000135349

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333407117014801		
Monloc name:	007S001W18E001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5686379
Longitude:	-117.03086	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1612.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19200101	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

9
NNE
1 - 2 Miles
Lower

FED USGS USGS40000135512

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333443117020601		
Monloc name:	007S002W12G001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5786375
Longitude:	-117.0358602	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1510.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

B10
East
1 - 2 Miles
Higher

FED USGS USGS40000135104

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333338117011801		
Monloc name:	007S001W18Q001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5605827
Longitude:	-117.0225264	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1600.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	ft	Welldepth:	14
Wellholedepth units:	Not Reported	Wellholedepth:	Not Reported

Ground-water levels, Number of Measurements: 0

B11
East
1 - 2 Miles
Higher

FED USGS USGS40000135105

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333338117011802		
Monloc name:	007S001W18Q002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5605827
Longitude:	-117.0225264	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1600.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	Not Reported		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C12
South
1 - 2 Miles
Lower

CA WELLS 7853

Water System Information:

Prime Station Code:	07S/02W-25C01 S	User ID:	WAT
FRDS Number:	3310038054	County:	Riverside
District Number:	14	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	333217.0 1170232.0	Precision:	100 Feet (one Second)
Source Name:	WELL 206 - ABANDONED		
System Number:	3310038		
System Name:	Rancho California Water District		
Organization That Operates System:	P.O. Box 9017		
	Temecula, CA 92589		
Pop Served:	68900	Connections:	20396
Area Served:	RANCHO CALIFORNIA		

D13
North
1 - 2 Miles
Lower

CA WELLS CADW60000021075

Objectid:	21075
Latitude:	33.5836
Longitude:	-117.0462
Site code:	335836N1170462W001
State well numbe:	07S02W01N001S
Local well name:	"
Well use id:	6
Well use descrip:	Unknown
County id:	33
County name:	Riverside
Basin code:	'9-5'
Basin desc:	Temecula Valley
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000021075

D14
North
1 - 2 Miles
Lower

FED USGS USGS40000135569

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333501117024001		
Monloc name:	007S002W01N001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5836372
Longitude:	-117.045305	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1440.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	ft	Welldepth:	36
Wellholedepth units:	Not Reported	Wellholedepth:	Not Reported

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1968-01-01	33.00	

C15
South
1 - 2 Miles
Lower

CA WELLS CADW60000034045

Objectid:	34045
Latitude:	33.5378
Longitude:	-117.0434
Site code:	335378N1170434W001
State well numbe:	07S02W25C001S
Local well name:	'RCWD 463'
Well use id:	6
Well use descrip:	Unknown
County id:	33
County name:	Riverside
Basin code:	'9-5'
Basin desc:	Temecula Valley
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000034045

C16
South
1 - 2 Miles
Lower

FED USGS USGS40000134506

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333216117023001		
Monloc name:	007S002W25C001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5378056
Longitude:	-117.0425273	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1478.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19650101	Welldepth:	1066
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1968-03-01	67.00	

17
NNW
1 - 2 Miles
Lower

FED USGS USGS40000135585

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333503117033501		
Monloc name:	007S002W02P001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5841926
Longitude:	-117.0605835	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1410.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	19
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

18
SSW
1 - 2 Miles
Lower

FED USGS USGS40000134480

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333207117031401		
Monloc name:	007S002W26G001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5353055
Longitude:	-117.05475	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1440.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19650101	Welldepth:	1020
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1967-11-01	289.00	

19
NNE
1 - 2 Miles
Lower

FED USGS USGS40000135561

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333459117014901		
Monloc name:	007S001W07E001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5830818
Longitude:	-117.0311378	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1485.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19480101	Welldepth:	7
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

E20
NNW
1 - 2 Miles
Lower

FED USGS USGS40000135621

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333510117032601		
Monloc name:	007S002W02P002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.586137
Longitude:	-117.0580834	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1412.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19460101	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

F21
WNW
1 - 2 Miles
Lower

FED USGS USGS40000135389

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333415117043602		
Monloc name:	007S002W10P002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5708596
Longitude:	-117.0775287	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1405.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	54
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

F22
WNW
1 - 2 Miles
Lower

FED USGS USGS40000135390

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333415117043603		
Monloc name:	007S002W10P003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5708596
Longitude:	-117.0775287	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1410.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

F23
WNW
1 - 2 Miles
Lower

FED USGS USGS40000135388

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333415117043601		
Monloc name:	007S002W10P001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5708596
Longitude:	-117.0775287	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1405.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	ft	Welldepth:	39
Wellholedepth units:	Not Reported	Wellholedepth:	Not Reported

Ground-water levels, Number of Measurements: 0

G24
North
1 - 2 Miles
Lower

FED USGS USGS40000135636

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333516117025301		
Monloc name:	007S002W01M002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5878037
Longitude:	-117.0489163	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1460.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	ft	Welldepth:	109
Wellholedepth units:	Not Reported	Wellholedepth:	Not Reported

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1968-01-01	96.00	

G25
North
1 - 2 Miles
Lower

CA WELLS CADW60000035366

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 35366
 Latitude: 33.5878
 Longitude: -117.0498
 Site code: 335878N1170498W001
 State well numbe: 07S02W01M002S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 33
 County name: Riverside
 Basin code: '9-5'
 Basin desc: Temecula Valley
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000035366

H26
North
1 - 2 Miles
Lower

FED USGS USGS40000135632

Org. Identifier:	USGS-CA			
Formal name:	USGS California Water Science Center			
Monloc Identifier:	USGS-333515117031001			
Monloc name:	007S002W02R001S			
Monloc type:	Well			
Monloc desc:	Not Reported			
Huc code:	18070302	Drainagearea value:	Not Reported	
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported	
Contrib drainagearea units:	Not Reported	Latitude:	33.5875259	
Longitude:	-117.0536387	Sourcemap scale:	Not Reported	
Horiz Acc measure:	1	Horiz Acc measure units:	seconds	
Horiz Collection method:	Interpolated from map			
Horiz coord refsys:	NAD83	Vert measure val:	1430.00	
Vert measure units:	feet	Vertacc measure val:	20	
Vert accmeasure units:	feet			
Vertcollection method:	Interpolated from topographic map			
Vert coord refsys:	NGVD29	Countrycode:	US	
Aquifername:	California Coastal Basin aquifers			
Formation type:	Not Reported			
Aquifer type:	Not Reported			
Construction date:	Not Reported		Welldepth:	60
Welldepth units:	ft	Wellholedepth:	Not Reported	
Wellholedepth units:	Not Reported			

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1968-01-01	41.00	

H27
NNW
1 - 2 Miles
Lower

CA WELLS CADW60000034034

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 34034
 Latitude: 33.5875
 Longitude: -117.0545
 Site code: 335875N1170545W001
 State well numbe: 07S02W02R001S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 33
 County name: Riverside
 Basin code: '9-5'
 Basin desc: Temecula Valley
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000034034

28
South
1 - 2 Miles
Lower

CA WELLS 7855

Water System Information:

Prime Station Code: 07S/02W-26G01 S	User ID: WAT
FRDS Number: 3310038052	County: Riverside
District Number: 14	Station Type: WELL/AMBNT
Water Type: Well/Groundwater	Well Status: Active Raw
Source Lat/Long: 333200.0 1170300.0	Precision: 100 Feet (one Second)
Source Name: WELL 204	
System Number: 3310038	
System Name: Rancho California Water District	
Organization That Operates System: P.O. Box 9017 Temecula, CA 92589	
Pop Served: 68900	Connections: 20396
Area Served: RANCHO CALIFORNIA	

29
East
1 - 2 Miles
Higher

FED USGS USGS40000135225

Org. Identifier: USGS-CA	
Formal name: USGS California Water Science Center	
Monloc Identifier: USGS-333354117005101	
Monloc name: 007S001W18J001S	
Monloc type: Well	
Monloc desc: Not Reported	
Huc code: 18070302	Drainagearea value: Not Reported
Drainagearea Units: Not Reported	Contrib drainagearea: Not Reported
Contrib drainagearea units: Not Reported	Latitude: 33.5650271
Longitude: -117.015026	Sourcemap scale: Not Reported
Horiz Acc measure: 1	Horiz Acc measure units: seconds
Horiz Collection method: Interpolated from map	
Horiz coord refsys: NAD83	Vert measure val: 1690.00
Vert measure units: feet	Vertacc measure val: 20
Vert accmeasure units: feet	
Vertcollection method: Interpolated from topographic map	
Vert coord refsys: NGVD29	Countrycode: US
Aquifername: Other aquifers	
Formation type: Not Reported	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	33
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**E30
NNW
1 - 2 Miles
Lower**

FED USGS USGS40000135625

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333512117032901		
Monloc name:	007S002W02P003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5866926
Longitude:	-117.0589167	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1412.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19620101	Welldepth:	194
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1968-01-01	35.00	

**31
SW
1 - 2 Miles
Lower**

CA WELLS CADW60000015614

Objectid:	15614
Latitude:	33.541151
Longitude:	-117.0712
Site code:	335412N1170712W001
State well numbe:	Not Reported
Local well name:	'RCWD 464'
Well use id:	1
Well use descrip:	Observation
County id:	33
County name:	Riverside

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '9-5'
 Basin desc: Temecula Valley
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000015614

32
NNW
1 - 2 Miles
Lower

CA WELLS CADW60000022838

Objectid: 22838
 Latitude: 33.5867
 Longitude: -117.0598
 Site code: 335867N1170598W001
 State well numbe: 07S02W02P003S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 33
 County name: Riverside
 Basin code: '9-5'
 Basin desc: Temecula Valley
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000022838

33
SW
1 - 2 Miles
Lower

CA WELLS 7852

Water System Information:

Prime Station Code: 07S/02W-22Q01 S	User ID: WAT
FRDS Number: 3310038061	County: Riverside
District Number: 14	Station Type: WELL/AMBNT
Water Type: Well/Groundwater	Well Status: Destroyed
Source Lat/Long: 333217.0 1170359.0	Precision: 100 Feet (one Second)
Source Name: WELL 213 (013) - DESTROYED	
System Number: 3310038	
System Name: Rancho California Water District	
Organization That Operates System: P.O. Box 9017 Temecula, CA 92589	
Pop Served: 68900	Connections: 20396
Area Served: RANCHO CALIFORNIA	

34
NNW
1 - 2 Miles
Lower

FED USGS USGS40000135633

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333515117032601		
Monloc name:	007S002W02L001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5875259
Longitude:	-117.0580834	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1410.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

35
North
1 - 2 Miles
Lower

FED USGS USGS40000135671

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333522117025301		
Monloc name:	007S002W01M001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5894703
Longitude:	-117.0489163	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1440.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	9
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

I36
West
2 - 3 Miles
Lower

FED USGS USGS40000135171

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333347117045901		
Monloc name:	007S002W16J001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.563082
Longitude:	-117.0839178	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1375.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19500101	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

37
SSE
2 - 3 Miles
Lower

FED USGS USGS40000134458

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333159117015201		
Monloc name:	007S002W25H001S		
Monloc type:	Well		
Monloc desc:	GAMA SAN DIEGO SLOW		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.53375
Longitude:	-117.0301944	Sourcemap scale:	24000
Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	1451.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	546
Construction date:	Not Reported	Wellholedepth:	547
Welldepth units:	ft		
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1967-11-01	21.00	

38
WNW
2 - 3 Miles
Lower

FED USGS USGS40000135452

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333428117044601		
Monloc name:	007S002W10M001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5744706
Longitude:	-117.0803065	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1420.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

39
West
2 - 3 Miles
Lower

FED USGS USGS40000135081

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333334117050001		
Monloc name:	007S002W16J003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.559471
Longitude:	-117.0841956	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1400.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19500101	Welldepth:	83
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

I40
West
2 - 3 Miles
Lower

FED USGS USGS40000135132

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333343117050001		
Monloc name:	007S002W16J004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.5619709
Longitude:	-117.0841956	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1375.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for RIVERSIDE County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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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Twelve Oaks Project

38901 Warren Road
Winchester, CA 92596

Inquiry Number: 4435993.3

October 13, 2015

Certified Sanborn® Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

10/13/15

Site Name:

Twelve Oaks Project
38901 Warren Road
Winchester, CA 92596

Client Name:

GeoSoils, Inc.
26590 Madison Ave
MURRIETA, CA 92562



EDR Inquiry # 4435993.3

Contact: Todd A. Greer

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: Twelve Oaks Project
Address: 38901 Warren Road
City, State, Zip: Winchester, CA 92596
Cross Street:
P.O. # W.O. E6872
Project: Standard Portfolios
Certification # FFF3-44EC-B009



Sanborn® Library search results
Certification # FFF3-44EC-B009

UNMAPPED PROPERTY

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- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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Twelve Oaks Project

38901 Warren Road
Winchester, CA 92596

Inquiry Number: 4435993.12

October 15, 2015

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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.

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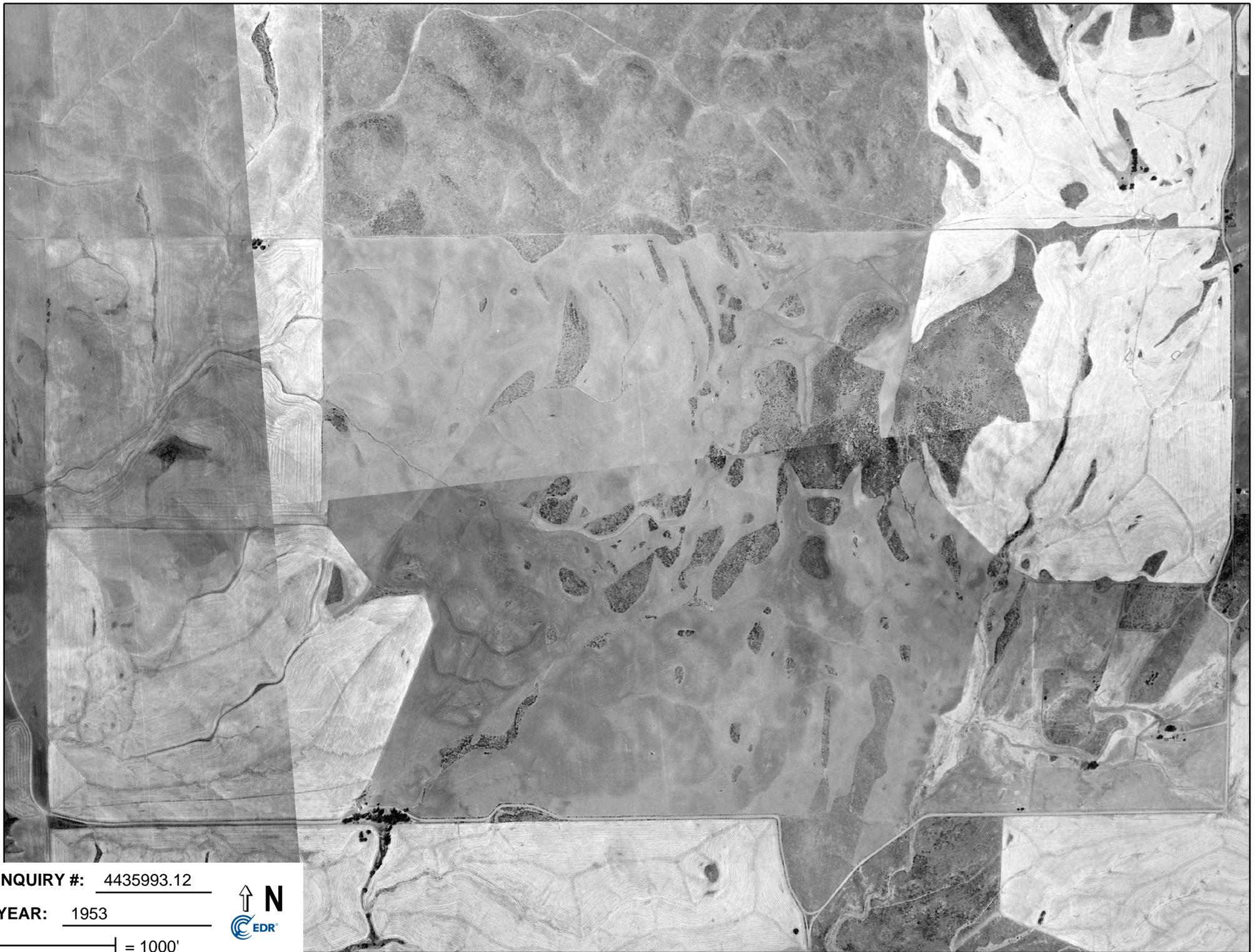
Date EDR Searched Historical Sources:

Aerial Photography October 15, 2015

Target Property:

38901 Warren Road
Winchester, CA 92596

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1953	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1953	Pacific Air
1967	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1967	Western
1967	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1967	Western
1976	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1976	AMI
1984	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1984	USGS
1996	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1996	USGS
2002	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2002	USGS
2005	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2005	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2012	USDA/NAIP

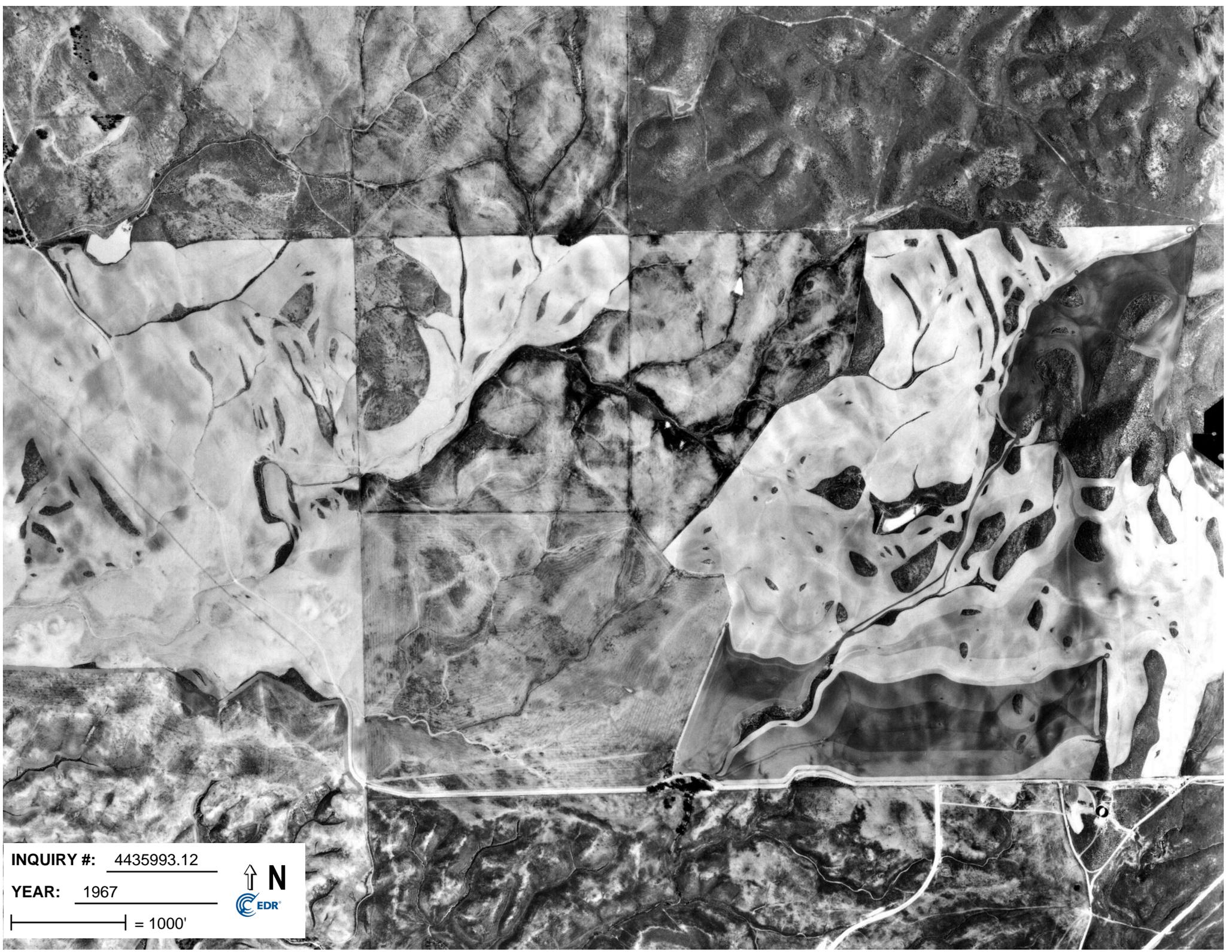


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YEAR: 1953

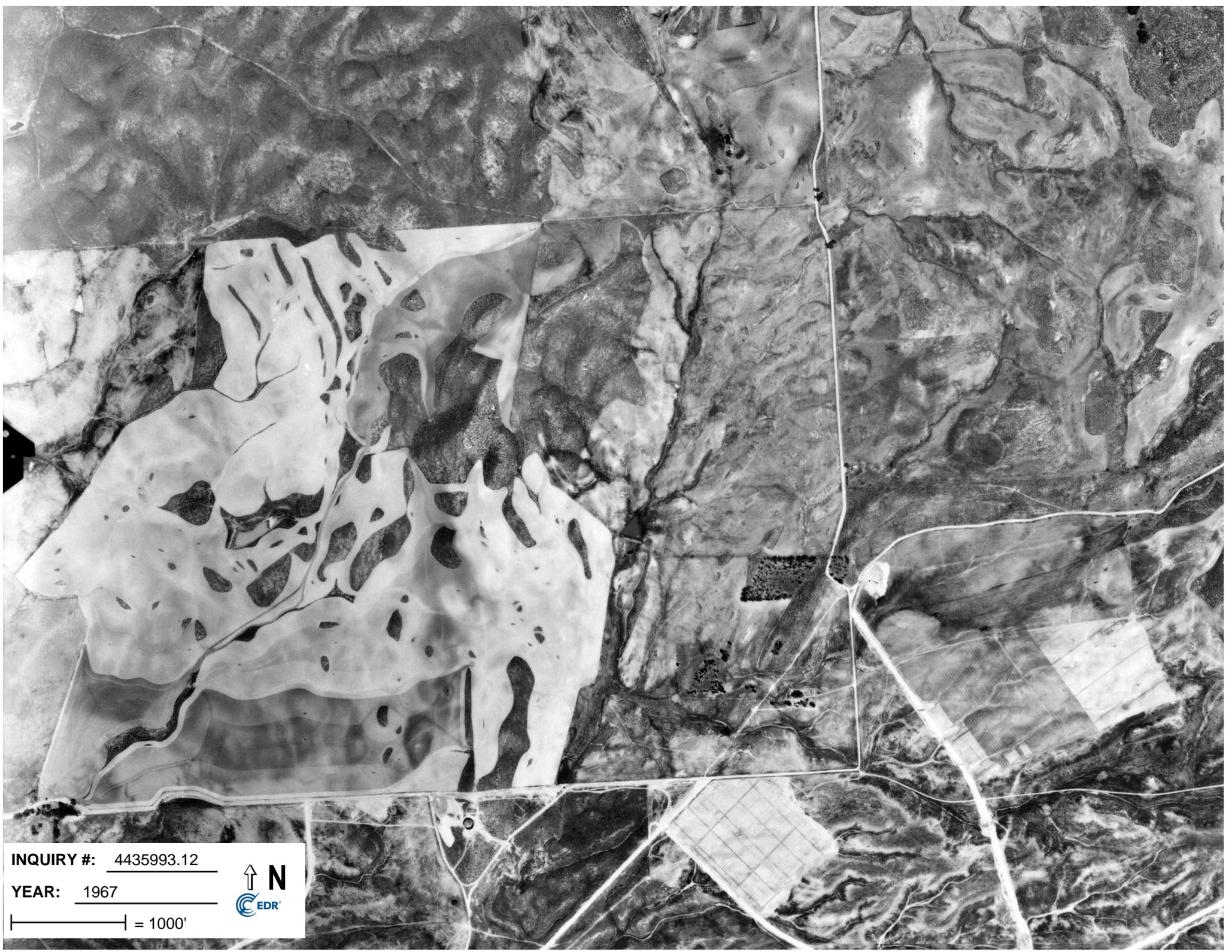
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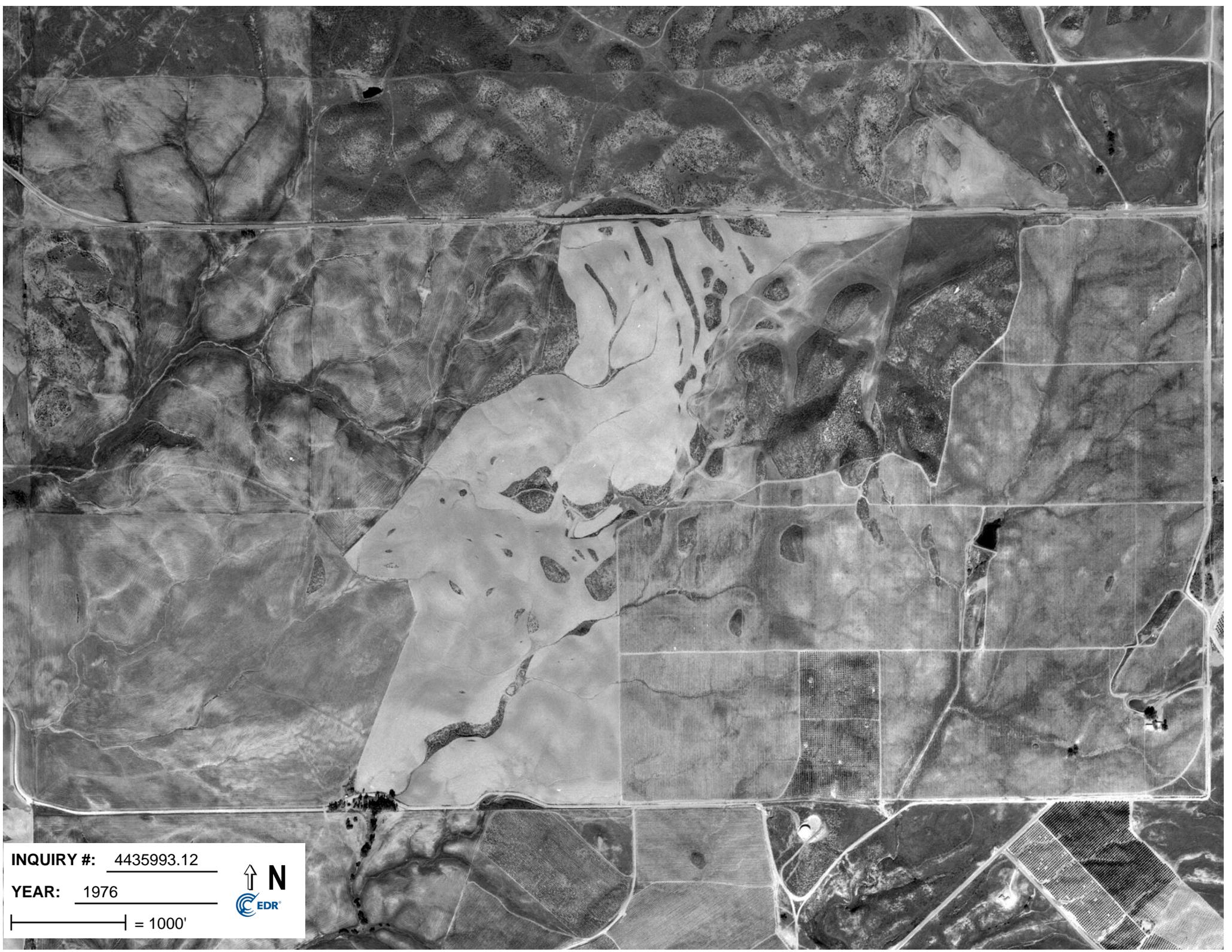
INQUIRY #: 4435993.12
YEAR: 1967
|-----| = 1000'





INQUIRY #: 4435993.12
YEAR: 1967
|-----| = 1000'





INQUIRY #: 4435993.12
YEAR: 1976
|-----| = 1000'



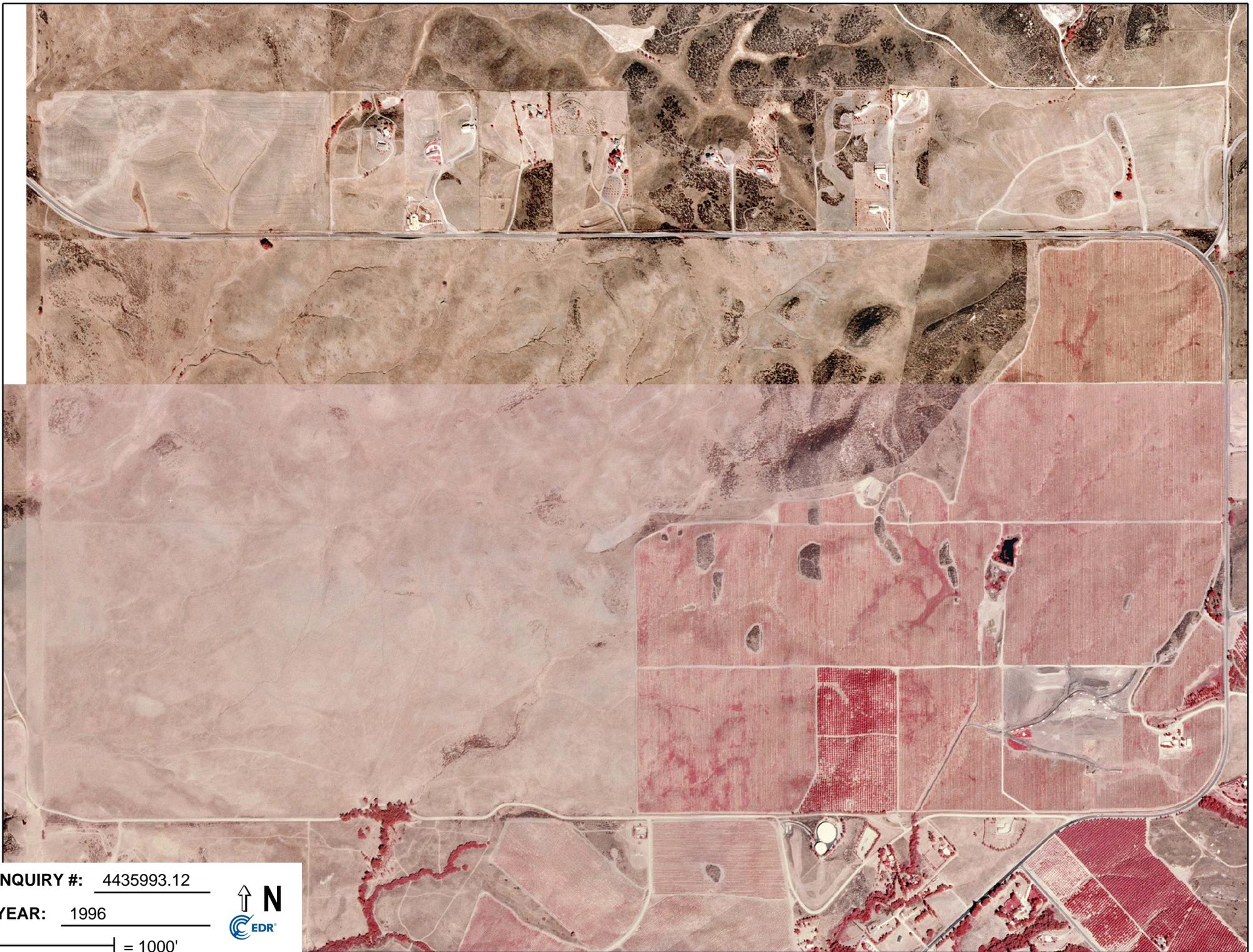


INQUIRY #: 4435993.12

YEAR: 1984

| = 1000'



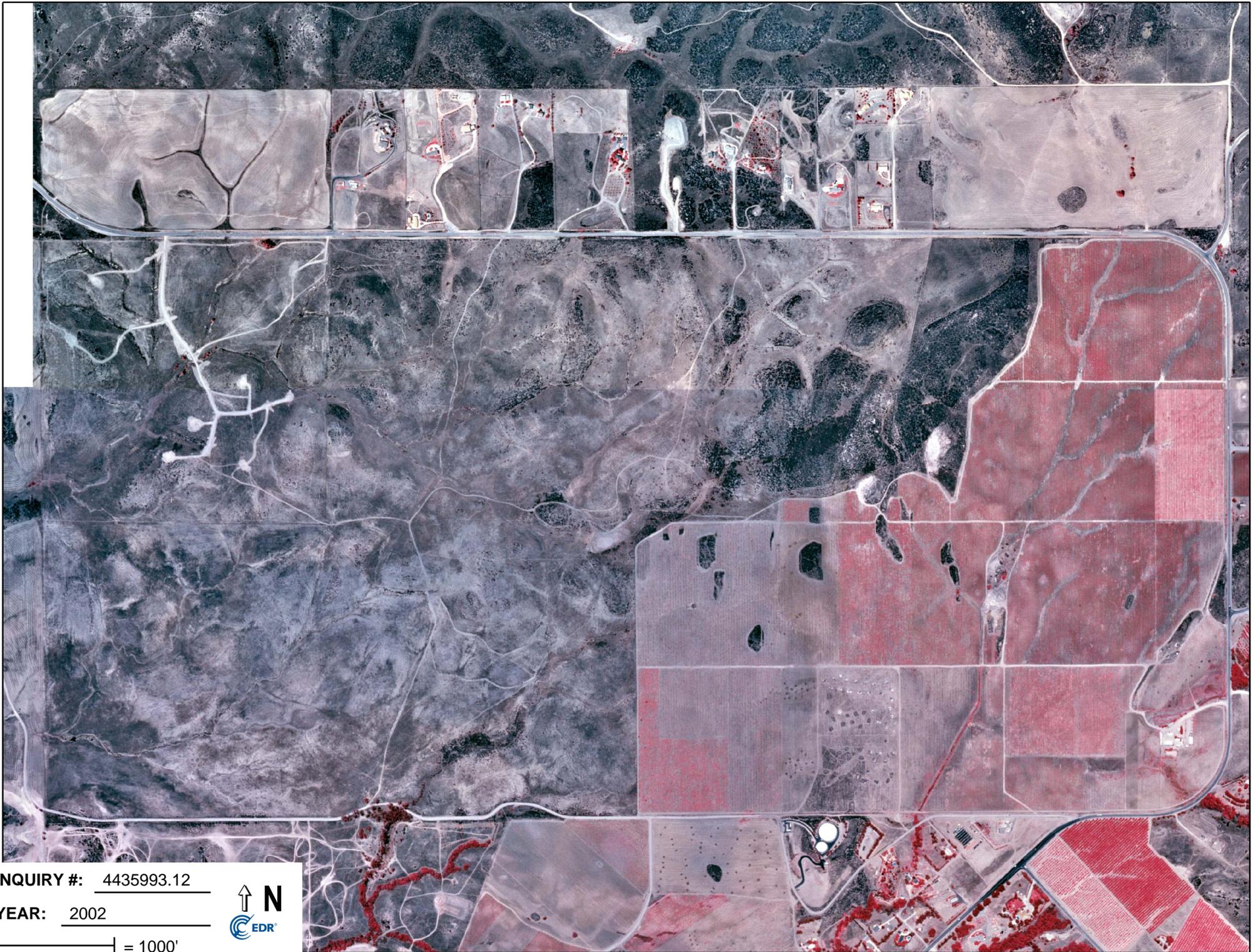


INQUIRY #: 4435993.12

YEAR: 1996

| = 1000'



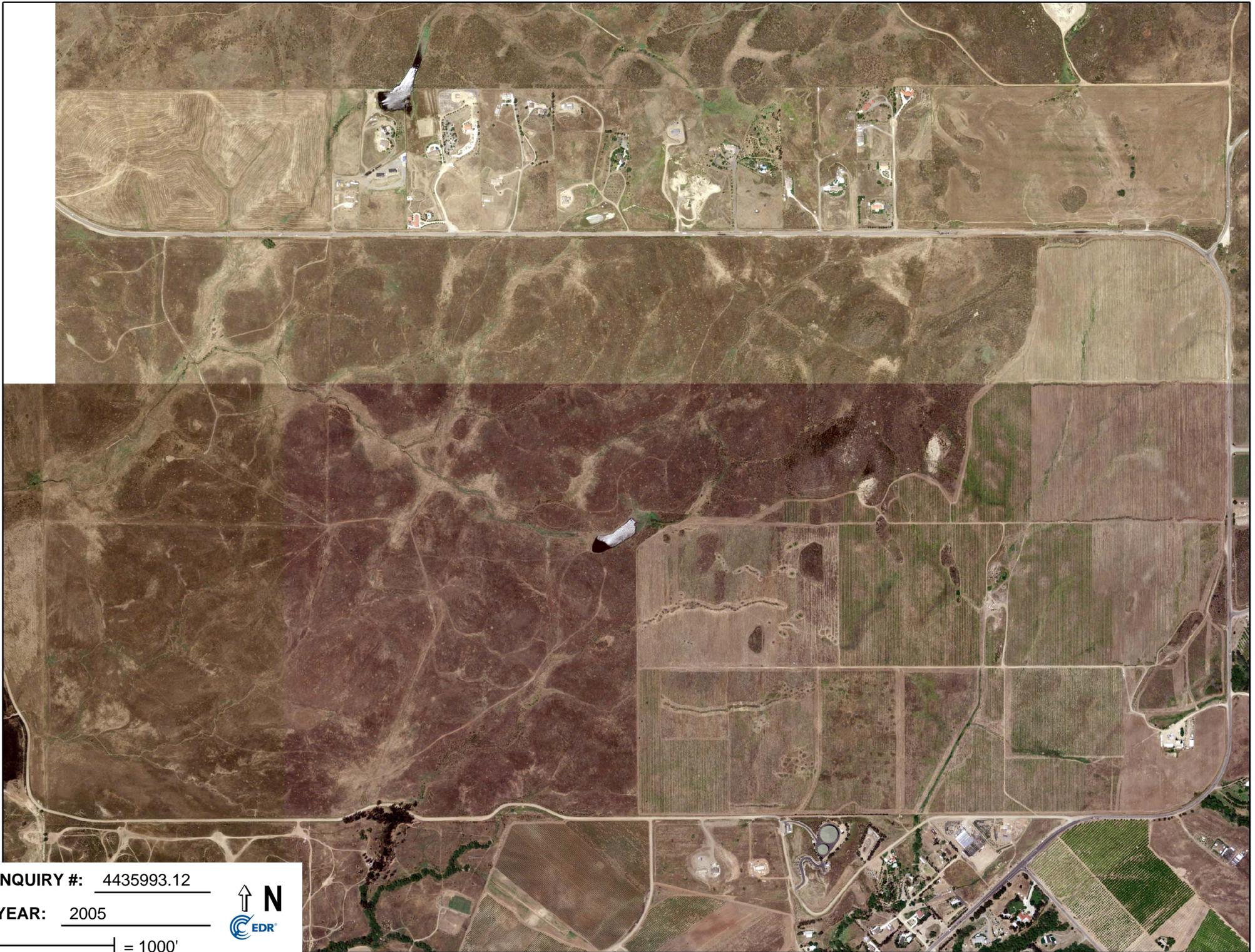


INQUIRY #: 4435993.12

YEAR: 2002

| = 1000'



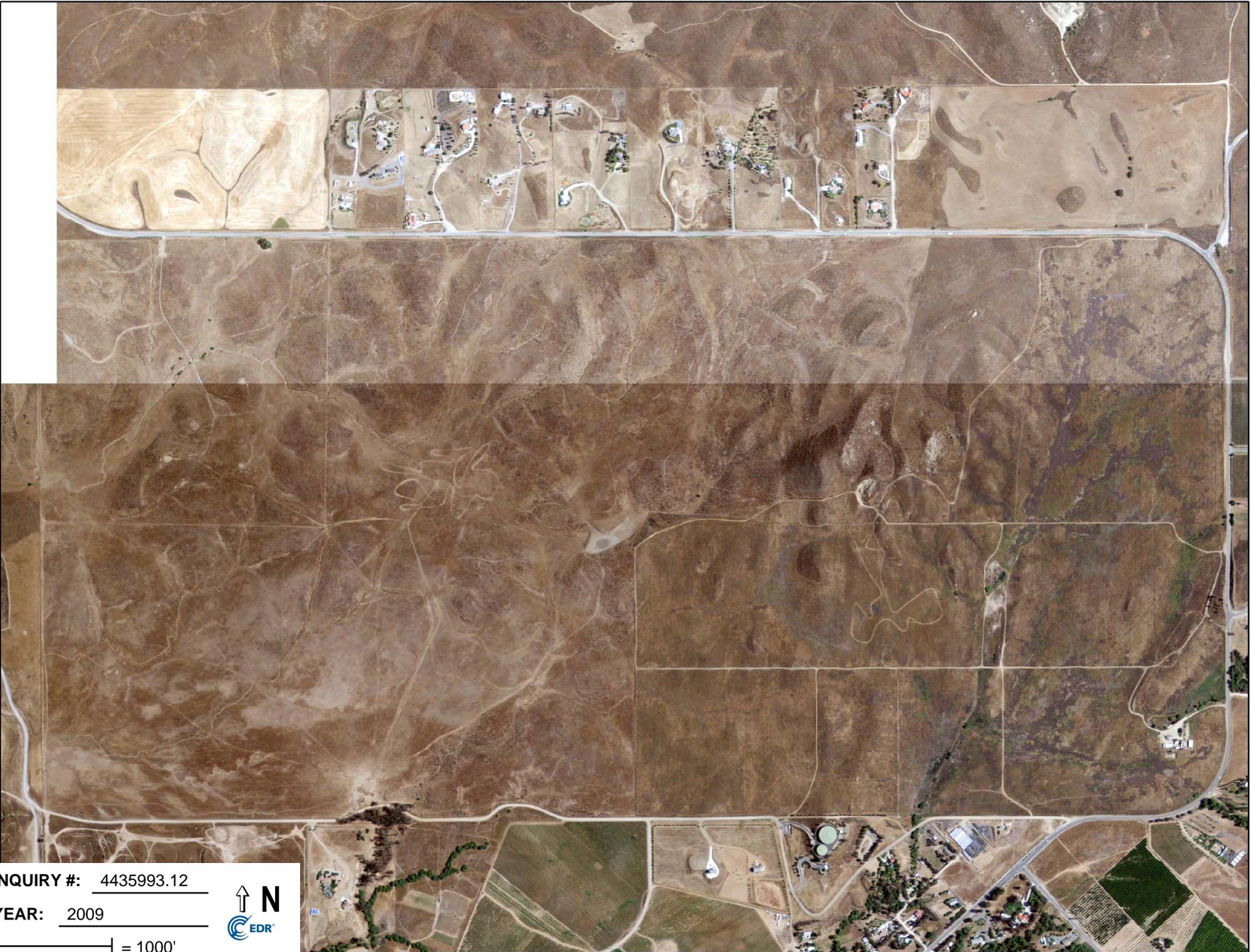


INQUIRY #: 4435993.12

YEAR: 2005

| = 1000'



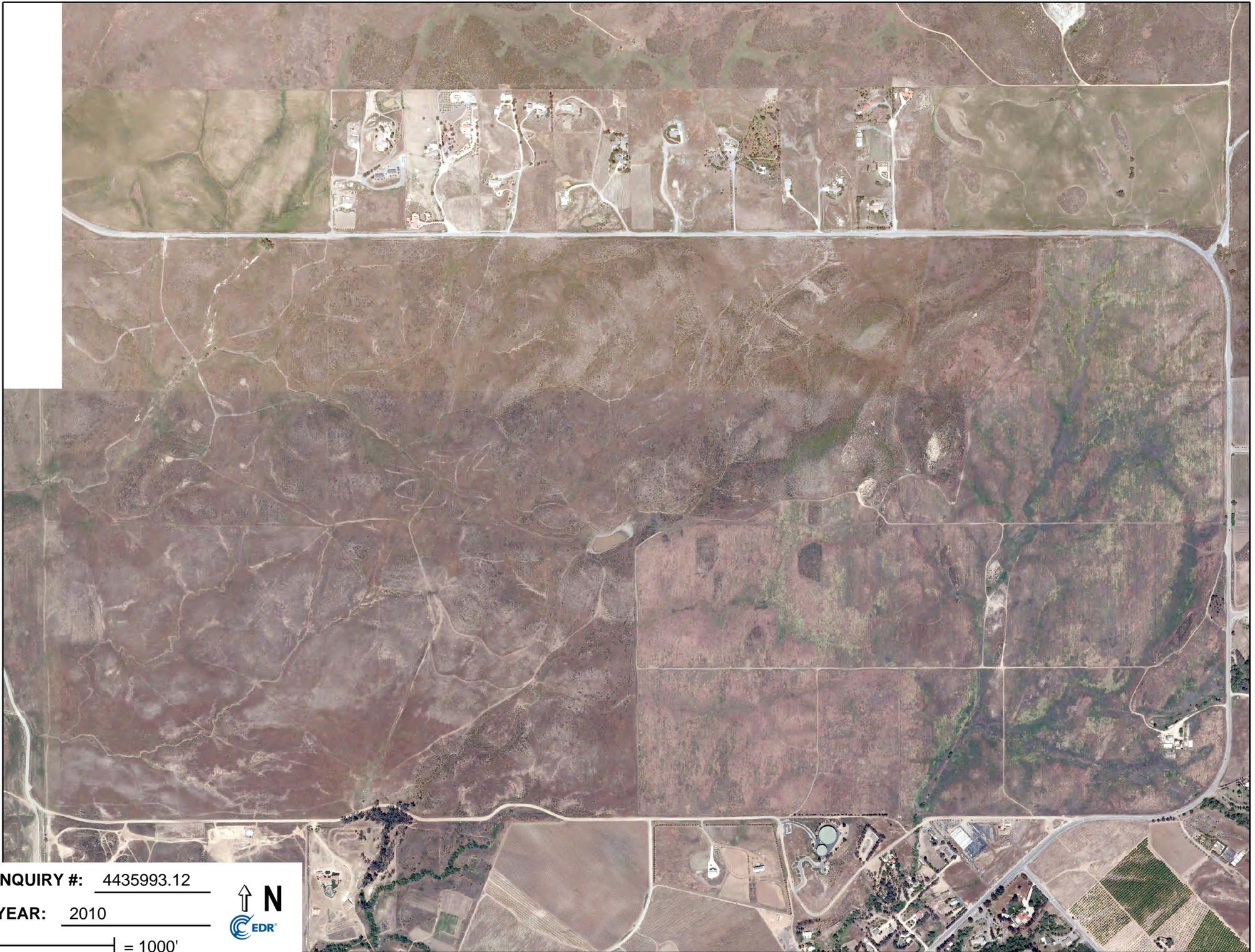


INQUIRY #: 4435993.12

YEAR: 2009

| = 1000'



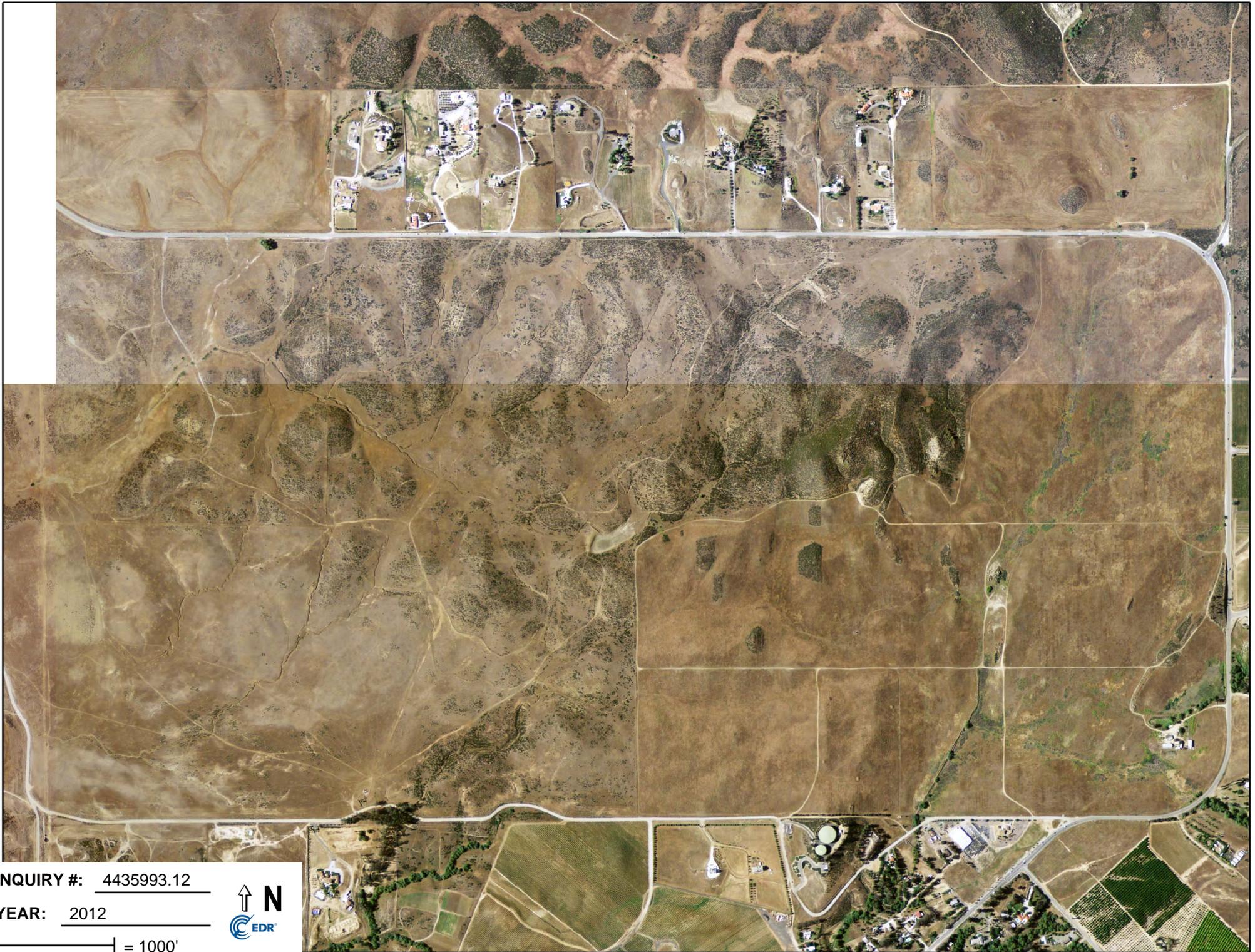


INQUIRY #: 4435993.12

YEAR: 2010

| = 1000'





INQUIRY #: 4435993.12

YEAR: 2012

| = 1000'





Twelve Oaks Project

38901 Warren Road
Winchester, CA 92596

Inquiry Number: 4435993.4

October 13, 2015

EDR Historical Topographic Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

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Historical Topographic Map



	TARGET QUAD	SITE NAME: Twelve Oaks Project	CLIENT: GeoSoils, Inc.
	NAME: ELSINORE	ADDRESS: 38901 Warren Road	CONTACT: Todd A. Greer
	MAP YEAR: 1901	Winchester, CA 92596	INQUIRY#: 4435993.4
	SERIES: 30	LAT/LONG: 33.5607 / -117.0475	RESEARCH DATE: 10/13/2015
	SCALE: 1:125000		

Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: SOUTHERN CA SHEET 1 MAP YEAR: 1901</p>	<p>SITE NAME: Twelve Oaks Project ADDRESS: 38901 Warren Road Winchester, CA 92596 LAT/LONG: 33.5607 / -117.0475</p>	<p>CLIENT: GeoSoils, Inc. CONTACT: Todd A. Greer INQUIRY#: 4435993.4 RESEARCH DATE: 10/13/2015</p>
	<p>SERIES: 60 SCALE: 1:250000</p>		

Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: MURRIETA MAP YEAR: 1947</p>	<p>SITE NAME: Twelve Oaks Project ADDRESS: 38901 Warren Road Winchester, CA 92596 LAT/LONG: 33.5607 / -117.0475</p>	<p>CLIENT: GeoSoils, Inc. CONTACT: Todd A. Greer INQUIRY#: 4435993.4 RESEARCH DATE: 10/13/2015</p>
	<p>SERIES: 15 SCALE: 1:50000</p>		

Historical Topographic Map



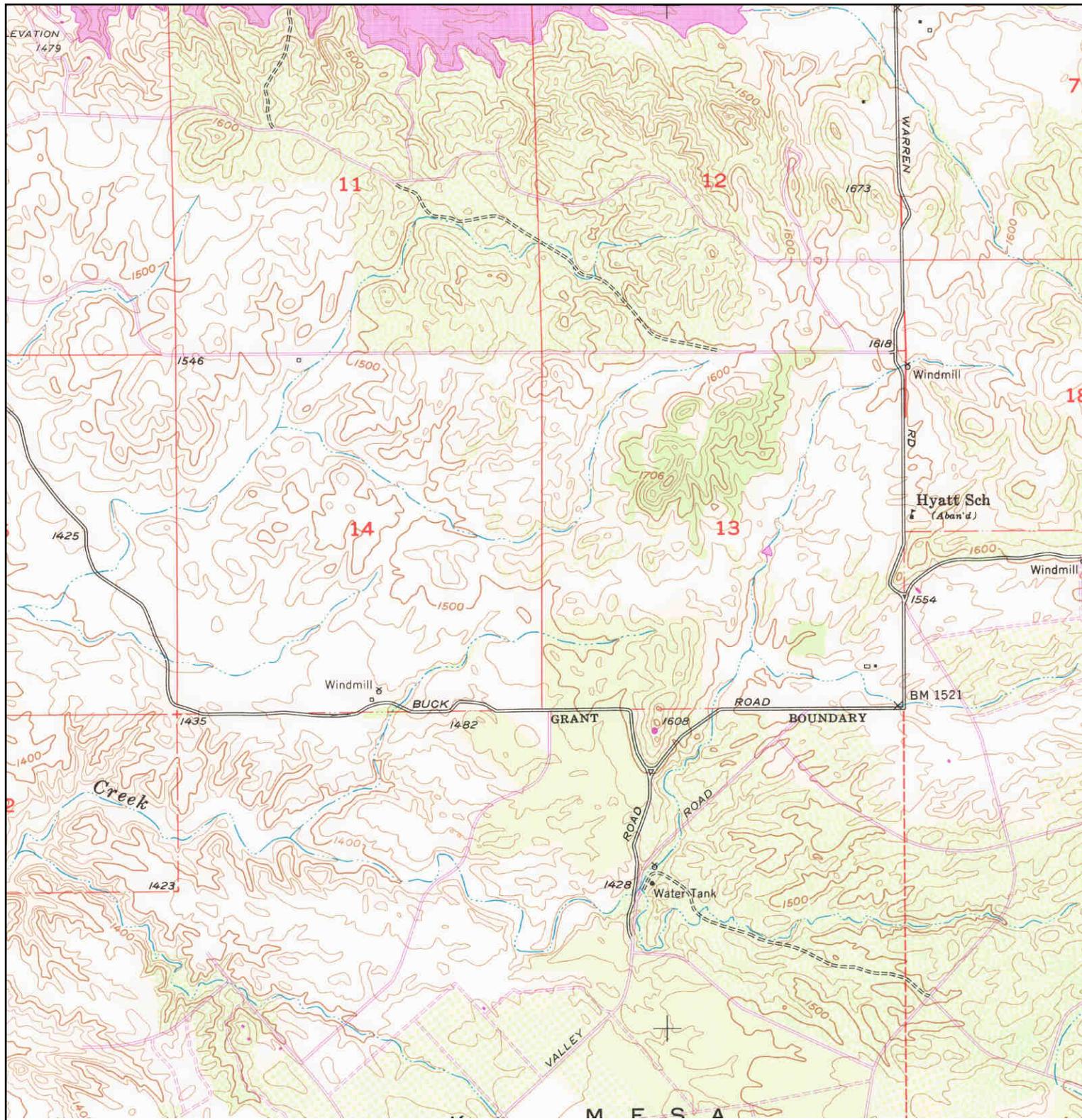
<p>N ↑</p>	<p>TARGET QUAD NAME: BACHELOR MOUNTAIN MAP YEAR: 1953</p>	<p>SITE NAME: Twelve Oaks Project ADDRESS: 38901 Warren Road Winchester, CA 92596 LAT/LONG: 33.5607 / -117.0475</p>	<p>CLIENT: GeoSoils, Inc. CONTACT: Todd A. Greer INQUIRY#: 4435993.4 RESEARCH DATE: 10/13/2015</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>		

Historical Topographic Map



	TARGET QUAD	SITE NAME: Twelve Oaks Project	CLIENT: GeoSoils, Inc.
	NAME: BACHELOR MOUNTAIN	ADDRESS: 38901 Warren Road	CONTACT: Todd A. Greer
	MAP YEAR: 1973	WINCHESTER, CA 92596	INQUIRY#: 4435993.4
	PHOTOREVISED FROM : 1953	LAT/LONG: 33.5607 / -117.0475	RESEARCH DATE: 10/13/2015
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME: Twelve Oaks Project	CLIENT: GeoSoils, Inc.
	NAME: BACHELOR MOUNTAIN	ADDRESS: 38901 Warren Road	CONTACT: Todd A. Greer
	MAP YEAR: 1978	Winchester, CA 92596	INQUIRY#: 4435993.4
	PHOTOINSPECTED FROM : 1953	LAT/LONG: 33.5607 / -117.0475	RESEARCH DATE: 10/13/2015
	SERIES: 7.5		
	SCALE: 1:24000		

Twelve Oaks Project

38901 Warren Road
Winchester, CA 92596

Inquiry Number: 4435993.5
October 15, 2015

The EDR-City Directory Image Report

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City Directory Images

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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.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1990	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1985	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1980	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1975	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory

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FINDINGS

TARGET PROPERTY STREET

38901 Warren Road
Winchester, CA 92596

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

WARREN RD

2013	pg A1	Cole Information Services	
2008	pg A2	Cole Information Services	
2003	pg A3	Cole Information Services	
1999	pg A4	Cole Information Services	
1995	pg A5	Cole Information Services	
1992	pg A6	Cole Information Services	
1990	pg A7	Haines Criss-Cross Directory	
1985	pg A8	Haines Criss-Cross Directory	
1980	-	Haines Criss-Cross Directory	Street not listed in Source
1975	-	Haines Criss-Cross Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images



-

WARREN RD 2013

37701 COUNTY OF RIVERSIDE
DANNIE HALE
KAREN SACK
MELISSA GARCIA
RIVERSIDE COUNTY MULTISPECIES RESER



-

WARREN RD 2008

37701 D NAKAGAWA
MR FENNIE BBQ GRILL MASTERS CAFE
RIVERSIDE CNTY OF REGIONAL PARKS
RIVERSIDE COUNTY MULTI SPECIES RESER



-

WARREN RD 2003

37701 EMMETT SMITH
KEITH DAVIS
LAKE SKINNER MARINA
RIVERSIDE CNTY MULTI
RIVERSIDE CNTY OF RGNL PARKS
SKINNER LAKE



-

WARREN RD 1999

37701 D NAKAGAWA
DANNIE HALE
LAKE SKINNER MARINA
RIVERSIDE CNTY OF CONTD REGIONAL PARKS & OPEN SP
RIVERSIDE COUNTY MULTI SPECIES RESERVE
SIMPLE ELEGANCE
TEMECULA VALLEY BALLOON & WINE FESTIVAL

WARREN RD 1995

37701 EASTER, ROXIE
HOOD, GLADYS
LAKE SKINNER MARINA
LISK, PAUL
PHILLIPS, MARVIN M
PLITT, K
RHINES, CARL
SEVILLE, SHAWNA
SIMPSON, EUGENE



-

WARREN RD 1992

37701 EASTER, ROXIE
LAKE SKINNER MARINA
NOSTADT, SHIRLEY
PHILLIPS, MARVIN M
RIVRSD CO PARK
SIMPSON, EUGENE



WARREN RD 1990

0	WARREN RD 92396		
0	WINCHESTER		
4	37701.....	APARTMENTS	
7		ARMENTROUT Vicki L	926-4134 +0
9		★ CANTEEN CORP	926-1505 7
7		COLLINS Paul P	00 4
2		DAVIS Jas	926-4153 9
0		HECKMAN Lewis	926-2039
0		HECKMAN Shirley	926-2039 9
7		★ LAKE SKINNER MARINA	926-1505 7
1		LISK Paul	926-3158 +0
		NORE Earl H	00 4
		PHILLIPS Marvin M	926-4361 6
		RILEY Barbara A	00 4
		★ RIVRSD CO PARK	926-1541 2
		SIMPSON Eugene	926-4254 9
		WOOD Frank F	926-4075 +0
0	37701.....		
0		★ 3 BUS	11 RES 3 NEW

WARREN RD 1985

WARREN RD 92396
WINCHESTER

37701	BUSH DONALD W	926-2821	+5
	LAKE SKINNER CNCSNS	926-3727	1
	NELMS ELVIS	926-9746	+5
	PABST W F	926-2713	2
	R S CLEARY CO	926-1233	3
	REINERT JAS R SR	926-1775	+5
	RIVRSD CO PARK	926-1541	2
★	3 BUS	4 RES	3 NEW

NO INC

Twelve Oaks Project

38901 Warren Road
Winchester, CA 92596

Inquiry Number: 4435993.6
October 12, 2015

The EDR Property Tax Map Report

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

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Please contact EDR at 1-800-352-0050
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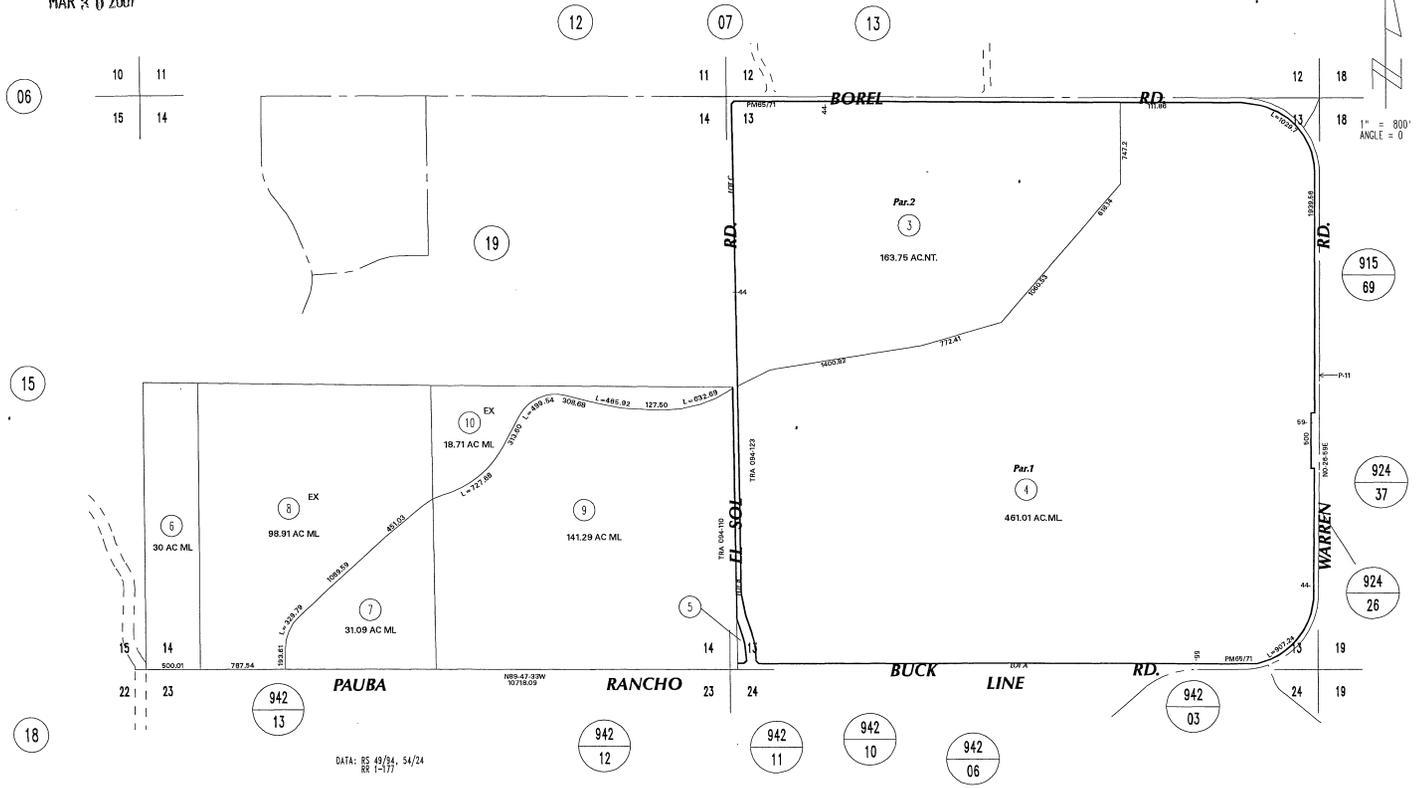
SEC. 13 14 T. 7S., R. 2W

T. R. A. 094-110
094-123

964-16

958-22

MAR 8 0 2007



ASSESSOR'S MAP BK964 PG. 16
Riverside County, Calif.

MB 65/71-73 PARCEL MAP 12506

Mar 2007

DATE	OLD NUMBER	NEW NUMBER
03/07	1	6-8
03/07	2	3, 10

Twelve Oaks Project

38901 Warren Road
Winchester, CA 92596

Inquiry Number: 4435993.7
October 14, 2015

EDR Environmental Lien and AUL Search

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search 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.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

38901 Warren Road
Twelve Oaks Project
Winchester, CA 92596

RESEARCH SOURCE

Source 1:
Riverside Recorder
Riverside, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed: deed
Title is vested in: Standard Temecula LLC
Title received from: Standard Portfolio Temecula LLC
Deed Dated: 4/27/2015
Deed Recorded: 5/6/2015
Book: NA
Page: na
Volume: na
Instrument: na
Docket: NA
Land Record Comments:
Miscellaneous Comments:

Legal Description: See Exhibit

Legal Current Owner: Standard Temecula LLC

Parcel # / Property Identifier: 964-160-004

Comments: See Exhibit

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found Not Found

Deed Exhibit 1

DOC # 2015-0186465

05/06/2015 09:18A Fee:34.00

Page 1 of 4

Recorded in Official Records

County of Riverside

Peter Aldana

Assessor, County Clerk & Recorder



Recording Requested by:
Grant, Genovese & Baratta, LLP

And When Recorded, Return to:
Standard Temecula, LLC
488 E. Santa Clara Street, Ste. 304
Arcadia, CA 91006

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[ABOVE THIS LINE FOR RECORDER'S USE]

DOCUMENTARY TRANSFER TAX \$ -0-

___ Computed on the consideration or value of property conveyed; OR
___ Computed on the consideration or value less liens or encumbrances
remaining at time of sale.

3550
C

REVENUE & TAXATION CODE Section 11911
Conveyance to Confirm Change of Name only

APN #s: 964-160-004; 964-160-005; 964-160-006; 964-160-007; 964-160-009;
964-190-009; 964-190-011; 964-190-013; 964-190-015; 964-190-017; and 964-190-019

GRANT DEED

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

Standard Portfolios Temecula, LLC, a California limited liability company

hereby grant(s) to:

Standard Temecula, LLC, a California limited liability company

the real property in the County of Riverside, State of California, described on
EXHIBIT 'A' attached hereto and incorporated herein.

Dated: APRIL 27, 2015

Standard Portfolios Temecula, LLC,
a California limited liability company

By: 
David G. Liu, Manager

MAIL TAX STATEMENTS TO:
Standard Temecula, LLC
488 E. Santa Clara Street, Ste. 304
Arcadia, CA 91006
Attn: David G. Liu, Manager

[notary acknowledgement follows next page]

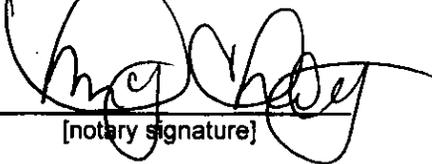
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

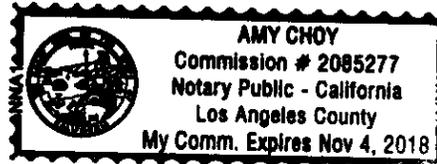
State of California)
County of Los Angeles) ss.

On April 27, 2015, 2015, before me, Amy Choy, a notary public, personally appeared DAVID G. CH, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he she/they executed the same in his her/their authorized capacity(ies), and that by his her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.


[notary signature]



[seal]



EXHIBIT 'A'
LEGAL DESCRIPTION

The land referred to herein is situated in the State of California, County of Riverside and described as follows:

Parcel 1:

A:

The southwest quarter of Section 14, Township 7 south, Range 2 west, San Bernardino Base and Meridian, as shown by United States Government Survey;

Excepting therefrom that portion conveyed to Western Riverside County Regional Conservation Authority, a political subdivision of the State of California, by Grant Deed recorded December 29, 2006 as Instrument No. 06-956013 of Official Records.

B:

The southeast quarter of Section 14, Township 7 south, Range 2 west, San Bernardino Base and Meridian, as shown by United States Government Survey;

Excepting therefrom that portion conveyed to Western Riverside County Regional Conservation Authority, a political subdivision of the State of California, by Grant Deed recorded December 29, 2006 as Instrument No. 06-956013 of Official Records.

C:

The northeast quarter of Section 14, Township 7 south, Range 2 west, San Bernardino Base and Meridian, as shown by United States Government Survey;

Excepting therefrom the northerly 44 feet as conveyed to the County of Riverside by deed recorded July 31, 1970 as Instrument No. 74847 of Official Records of Riverside County, California;

Excepting therefrom that portion conveyed to Western Riverside County Regional Conservation Authority, a political subdivision of the State of California, by Grant Deed recorded December 29, 2006 as Instrument No. 06-956013 of Official Records.



D :

Parcels 1 through 7, inclusive, of Parcel Map No. 18809, as shown by map on file in Book 146 Page(s) 68 through 70, of Parcel Maps, Records of Riverside County, California;

Excepting therefrom that portion conveyed to Western Riverside County Regional Conservation Authority, a political subdivision of the State of California, by Grant Deed recorded December 29, 2006 as Instrument No. 06-956013 of Official Records.

E:

Parcel 1 of Parcel Map No. 12506, as shown by map on file in Book 65 Page(s) 71 through 73, inclusive, of Parcel Maps, Records of Riverside County, California.

Parcel 2:

Intentionally Deleted.

APN: 964-160-004, 964-160-006, 964-160-007, 964-160-005, 964-160-009,
964-190-009, 964-190-011, 964-190-013, 964-190-015, 964-190-017, and 964-190-019

(End of Legal Description)



Twelve Oaks Project

38901 Warren Road
Winchester, CA 92596

Inquiry Number: 4435993.8
October 12, 2015

EDR Building Permit Report

Target Property and Adjoining Properties

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About This Report

Executive Summary

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Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting 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.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquiries (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.



EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of GeoSoils, Inc. on Oct 12, 2015.

TARGET PROPERTY

38901 Warren Road
Winchester, CA 92596

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **NO PERMITS IDENTIFIED**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Hemet
Years: 1989-2012
Source: City of Hemet, Building and Safety, Hemet, CA
Phone: (951) 765-2475

Name: Redding
Years: 1987-2015
Source: City of Redding, Development Services, Building Division, REDDING, CA
Phone: 530-225-4014

Name: Riverside County
Years: 1973-2015
Source: Riverside County, Building and Safety, TEMECULA, CA
Phone: (951) 955-6742

Name: San Bernardino County
Years: 2002-2015
Source: San Bernardino County, Land Use, Building & Safety, FONTANA, CA
Phone: (909) 387-8311

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

**38901 Warren Road
Winchester, CA 92596**

No Permits Found

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

No Permits Found

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeyman:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000

Permit Type: Bldg -

New Permit Number: 101000000405

Status: Valuation: \$1,000,000.00

Contractor Company: OWNER-BUILDER

Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

APPENDIX D

PUBLIC RECORDS REQUEST FORMS

Subject: RE: Records Request 38901 Warren Road, Temecula
From: WB-RB8-FileReview8 (FileReview8@waterboards.ca.gov)
To: geologyjen@yahoo.com;
Date: Friday, October 30, 2015 8:40 AM

Hi Jennifer,

I show no records for the address listed below. If you have any questions you can call me at 951 782 4499.

Thanks,

Mary

From: geologyjen@yahoo.com [mailto:geologyjen@yahoo.com]
Sent: Thursday, October 29, 2015 11:30 PM
To: WB-RB8-FileReview8
Subject: Records Request 38901 Warren Road, Temecula

Hello,

I am working on an environmental site assessment for the property located at 38901 Warren Road, Temecula, and I would like to know if any records are on file for the property.

Thank you,

Jennifer Bauer Morton, PG

GeoSoils

APPENDIX E

ASTM TRANSACTION SCREEN QUESTIONNAIRE

6. Transaction Screen Questionnaire

6.1 *Persons to Be Questioned*-The following questions should be asked of (1) the current owner of the property, (2) any major occupant of the property or, if the property does not have any major occupants, at least 10 % of the occupants of the property, and (3) in addition to the current owner and the occupants identified in (2), any occupant likely to be using, treating, generating, storing, or disposing of hazardous substances or petroleum products on or from the property. A major occupant is any occupant using at least 40 % of the leasable area of the property or any anchor tenant when the property is a

shopping center. In a multifamily property containing both residential and commercial uses, the preparer does not need to ask questions of the residential occupants. The preparer should ask each person to answer all questions to the best of the respondent's actual knowledge and in good faith. When completing the site visit column, the preparer should be sure to observe the property and any buildings and other structures on the property. The guide to this transaction screen questionnaire (see Sections 7-10) provides further details on the appropriate use of this questionnaire. (See Note 2.)
NOTE 2-Unk = "unknown" or "no response."

Description of Site Address:

South side of Borel Rd. and north side of Buck Rd. at the termination of Rancho California Rd. in Riverside County, California

County of Riverside Assessor's Parcel Numbers 964-160-004

38901 Warren Road Temecula CA 92591

Question	Owner			Occupants (if applicable)			Observed During Site Visit		If yes, provide description
	Yes	No	Unk	Yes	No	Unk	Yes	No	
1a. Is the property used for an industrial use?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
1b. Is any adjoining property used for an industrial use?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
2a. Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
2b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
3a. Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
3b. Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
4a. Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
4b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
6a. Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Discarded drums on east side of property
6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
7a. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	

*Unk = "unknown" or "no response"
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This document is an excerpt of E 1528-06, Standard Practice for Environmental Site Assessments: Transaction Screen Process, which is under the jurisdiction of ASTM Committee E50 on Environmental Assessments and is the direct responsibility of Subcommittee E50.02 on Commercial Real Estate Transactions. This questionnaire represents only Sections 5 and 6 of Practice E 1528-06 and should not be construed as being the complete standard. It is necessary to refer to the full standard prior to using this questionnaire. For the complete standard, or to order additional copies of this questionnaire, contact ASTM Customer Service at (610) 832-9885.

Question	Owner	Occupants (if applicable)	Observed During Site Visit	If yes, provide description
7b. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
8a. Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
9a. Is there currently any stained soil on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input checked="" type="radio"/> No <input type="radio"/>	Regulatory records indicate 2 4,000 gallon LUSTS were removed in 1990
11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
13a. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
13b. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environment health agency?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		
15a. Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		
15b. Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		
15c. Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		
15d. Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		

Question	Owner			Occupants (if applicable)			Observed During Site Visit		If yes, provide description
16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>			
17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>			
18a. Does the property discharge waste-water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
18b. Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
19. Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	

Government Records/Historical Sources Inquiry
(See guide, Section 10)

21. Do any of the following federal, state, or tribal government record systems list the property or any property within the search distance noted below (where available):	Approximate Minimum Search Distance, miles (kilometres)	Yes <input type="radio"/>	No <input type="radio"/>	
Federal NPL site	1.0	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
Federal Delisted NPL site	0.5	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
Federal CERCLIS	0.5	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
Federal CERCLIS NFRAP site	0.5	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
Federal RCRA CORRACTS facilities	1.0	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
Federal RCRA non-CORRACTS TSD	0.5	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
Federal RCRA generators	property and adjoining properties	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
Federal institutional control/engineering control registries	property only			
Federal ERNS	property only	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
State and tribal lists of hazardous waste sites identified for investigation or remediation:				
State-and tribal-equivalent NPL	1.0	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
State-and tribal-equivalent	0.5	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
State-and tribal-landfill and/or solid waste disposal site lists	0.5	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
State-and tribal-leaking storage tank lists	0.5	Yes <input checked="" type="radio"/>	No <input checked="" type="radio"/>	
State and tribal registered storage tank lists	property and adjoining properties	Yes <input checked="" type="radio"/>	No <input type="radio"/>	
State and tribal institutional control/engineering control registries	property only	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
State and tribal voluntary cleanup sites	0.5	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
State and tribal Brownfield sites	0.5	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
22. Based upon a review of fire insurance maps (10.2.3) or local street directories (10.2.3), all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property?		Yes <input type="radio"/>	No <input type="radio"/>	Unavailable <input checked="" type="radio"/>

Result 24,000 gallon USTs onsite

The Owner questionnaire answers were provided was completed by:

Name Darren Chin
Title Project Manager
Firm Standard Temecula, LLC.
Address 488 E. Santa Clara Street, Suite 304
Arcadia CA 91006
Phone Number 909-2635105
Date 12/2/2015
Role (s) at the site Project Manager/Land Development
Number of years at the site 2
Relationship to use (e.g. principal, employee, agent, consultant) Employee

The Occupant questionnaire answers were provided by:

Name _____
Title _____
Firm _____
Address _____
Phone Number _____
Date _____
Role (s) at the site _____
Number of years at the site _____
Relationship to use (e.g. principal, employee, agent, consultant) _____

The Site Visit questionnaire was completed by:

Name Jennifer Bamer Morton
Title Environmental Geologist
Firm GeoSoils, Inc
Address 5741 Palmer Way
Carlsbad, CA 92010
Phone Number 760-715-3154
Date 12/15/15
Role (s) at the site Assessor
Number of years at the site N/A
Relationship to use (e.g. principal, employee, agent, consultant) Consultant

It is the user's responsibility to draw conclusions regarding affirmative or unknown answers.

The Government Records and Historical Sources Inquiry questionnaire was completed by:

Name _____
Title _____
Firm _____
Address _____
Phone Number _____
Date _____
Role (s) at the site _____
Number of years at the site _____
Relationship to use (e.g. principal, employee, agent, consultant) _____

User's relationship to the site (for example, owner, prospective purchaser, lender, etc.)

If the preparer (s) is different from the user, complete the following:

Name of User _____
User's Address _____
User's Phone Number _____

Copies of the completed questionnaires have been filed at:

Copies of the completed questionnaires have been mailed or delivered to:

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's actual knowledge no material facts have been suppressed or misstated.

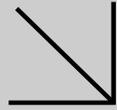
Signature: [Signature]
Date: 12/2/2015
Signature: _____
Date: _____
Signature: _____
Date: _____

APPENDIX F

LABORATORY TEST RESULTS



Calscience



WORK ORDER NUMBER: 15-10-2210

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: GeoSoils, Inc.

Client Project Name: Twelve Oaks

Attention: Todd Greer
5741 Palmer Way
Carlsbad, CA 92010-7248

Approved for release on 11/11/2015 by:
Terri Chang
Project Manager

ResultLink ▶

Email your PM ▶



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.



Contents

Client Project Name: Twelve Oaks
Work Order Number: 15-10-2210

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 10/29/15. They were assigned to Work Order 15-10-2210.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of ≤ 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.



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Sample Summary

Client: GeoSoils, Inc.	Work Order:	15-10-2210
5741 Palmer Way	Project Name:	Twelve Oaks
Carlsbad, CA 92010-7248	PO Number:	
	Date/Time Received:	10/29/15 19:05
	Number of Containers:	30

Attn: Todd Greer

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
HA-1/HA-2@0.5'	15-10-2210-1	10/28/15 09:38	1	Solid
HA-1/HA-2@1.5'	15-10-2210-2	10/28/15 09:51	1	Solid
HA-3/HA-4@0.5'	15-10-2210-3	10/28/15 10:04	1	Solid
HA-3/HA-4@1.5'	15-10-2210-4	10/28/15 10:21	1	Solid
HA-5/HA-6@0.5'	15-10-2210-5	10/28/15 10:40	1	Solid
HA-5/HA-6@1.5'	15-10-2210-6	10/28/15 10:58	1	Solid
HA-7/HA-8@0.5'	15-10-2210-7	10/28/15 11:34	1	Solid
HA-7/HA-8@1.5'	15-10-2210-8	10/28/15 12:13	1	Solid
HA-9/HA-10@0.5'	15-10-2210-9	10/28/15 01:30	1	Solid
HA-9/HA-10@1.5'	15-10-2210-10	10/28/15 01:43	1	Solid
HA-11/HA-12@0.5'	15-10-2210-11	10/28/15 02:05	1	Solid
HA-11/HA-12@1.5'	15-10-2210-12	10/28/15 02:15	1	Solid
HA-13/HA-14@0.5'	15-10-2210-13	10/28/15 03:00	1	Solid
HA-13/HA-14@1.5'	15-10-2210-14	10/28/15 03:15	1	Solid
HA-30/HA-15@.5'	15-10-2210-15	10/28/15 01:45	1	Solid
HA-30/HA-15@1.5'	15-10-2210-16	10/28/15 02:00	1	Solid
HA-16/HA-17@.5'	15-10-2210-17	10/28/15 09:05	1	Solid
HA-16/HA-17@1.5'	15-10-2210-18	10/28/15 09:20	1	Solid
HA-18/HA-19@.5'	15-10-2210-19	10/28/15 09:50	1	Solid
HA-18/HA-19@1.5'	15-10-2210-20	10/28/15 10:05	1	Solid
HA-20/HA-21@.5'	15-10-2210-21	10/28/15 10:30	1	Solid
HA-20/HA-21@1.5'	15-10-2210-22	10/28/15 10:50	1	Solid
HA-22/HA-23@.5'	15-10-2210-23	10/28/15 11:10	1	Solid
HA-22/HA-23@1.5'	15-10-2210-24	10/28/15 11:30	1	Solid
HA-24/HA-25@.5'	15-10-2210-25	10/28/15 12:10	1	Solid
HA-24/HA-25@1.5'	15-10-2210-26	10/28/15 12:30	1	Solid
HA-26/HA-27@.5'	15-10-2210-27	10/28/15 12:45	1	Solid
HA-26/HA-27@1.5'	15-10-2210-28	10/28/15 01:00	1	Solid
HA-28/HA-29@.5'	15-10-2210-29	10/28/15 01:10	1	Solid
HA-28/HA-29@1.5'	15-10-2210-30	10/28/15 01:30	1	Solid


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Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

Page 1 of 16

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-1/HA-2@0.5'	15-10-2210-1-A	10/28/15 09:38	Solid	ICP 7300	11/05/15	11/06/15 16:47	151105L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.732	0.976	
Arsenic	3.24	0.732	0.976	
Barium	144	0.488	0.976	
Beryllium	ND	0.244	0.976	
Cadmium	1.32	0.488	0.976	
Chromium	17.4	0.244	0.976	
Cobalt	7.19	0.244	0.976	
Copper	12.0	0.488	0.976	
Lead	2.65	0.488	0.976	
Molybdenum	ND	0.244	0.976	
Nickel	7.15	0.244	0.976	
Selenium	1.07	0.732	0.976	
Silver	ND	0.244	0.976	
Thallium	ND	0.732	0.976	
Vanadium	49.4	0.244	0.976	
Zinc	42.8	0.976	0.976	


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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-3/HA-4@0.5'	15-10-2210-3-A	10/28/15 10:04	Solid	ICP 7300	11/05/15	11/06/15 16:52	151105L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.739	0.985	
Arsenic	10.6	0.739	0.985	
Barium	262	0.493	0.985	
Beryllium	0.918	0.246	0.985	
Cadmium	2.90	0.493	0.985	
Chromium	56.6	0.246	0.985	
Cobalt	14.6	0.246	0.985	
Copper	47.9	0.493	0.985	
Lead	1.63	0.493	0.985	
Molybdenum	0.492	0.246	0.985	
Nickel	31.5	0.246	0.985	
Selenium	2.23	0.739	0.985	
Silver	ND	0.246	0.985	
Thallium	ND	0.739	0.985	
Vanadium	124	0.246	0.985	
Zinc	79.8	0.985	0.985	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-5/HA-6@0.5'	15-10-2210-5-A	10/28/15 10:40	Solid	ICP 7300	11/05/15	11/06/15 16:54	151105L04
Parameter		Result	RL		DF		Qualifiers
Antimony		ND	0.739		0.985		
Arsenic		1.53	0.739		0.985		
Barium		315	0.493		0.985		
Beryllium		ND	0.246		0.985		
Cadmium		1.05	0.493		0.985		
Chromium		11.5	0.246		0.985		
Cobalt		8.82	0.246		0.985		
Copper		8.53	0.493		0.985		
Lead		0.927	0.493		0.985		
Molybdenum		ND	0.246		0.985		
Nickel		2.86	0.246		0.985		
Selenium		1.76	0.739		0.985		
Silver		ND	0.246		0.985		
Thallium		ND	0.739		0.985		
Vanadium		37.1	0.246		0.985		
Zinc		17.7	0.985		0.985		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-7/HA-8@0.5'	15-10-2210-7-A	10/28/15 11:34	Solid	ICP 7300	11/05/15	11/06/15 16:55	151105L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.746	0.995	
Arsenic	2.00	0.746	0.995	
Barium	112	0.498	0.995	
Beryllium	ND	0.249	0.995	
Cadmium	1.36	0.498	0.995	
Chromium	10.6	0.249	0.995	
Cobalt	8.85	0.249	0.995	
Copper	6.03	0.498	0.995	
Lead	1.04	0.498	0.995	
Molybdenum	ND	0.249	0.995	
Nickel	3.94	0.249	0.995	
Selenium	0.979	0.746	0.995	
Silver	ND	0.249	0.995	
Thallium	ND	0.746	0.995	
Vanadium	48.2	0.249	0.995	
Zinc	27.1	0.995	0.995	


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-9/HA-10@0.5'	15-10-2210-9-A	10/28/15 01:30	Solid	ICP 7300	11/05/15	11/06/15 16:57	151105L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.728	0.971	
Arsenic	1.08	0.728	0.971	
Barium	136	0.485	0.971	
Beryllium	ND	0.243	0.971	
Cadmium	1.25	0.485	0.971	
Chromium	9.28	0.243	0.971	
Cobalt	8.23	0.243	0.971	
Copper	3.02	0.485	0.971	
Lead	3.27	0.485	0.971	
Molybdenum	ND	0.243	0.971	
Nickel	3.93	0.243	0.971	
Selenium	1.17	0.728	0.971	
Silver	ND	0.243	0.971	
Thallium	ND	0.728	0.971	
Vanadium	40.0	0.243	0.971	
Zinc	33.0	0.971	0.971	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-11/HA-12@0.5'	15-10-2210-11-A	10/28/15 02:05	Solid	ICP 7300	11/05/15	11/06/15 16:59	151105L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.754	1.01	
Arsenic	7.72	0.754	1.01	
Barium	217	0.503	1.01	
Beryllium	0.559	0.251	1.01	
Cadmium	1.87	0.503	1.01	
Chromium	60.4	0.251	1.01	
Cobalt	9.18	0.251	1.01	
Copper	27.5	0.503	1.01	
Lead	3.95	0.503	1.01	
Molybdenum	0.876	0.251	1.01	
Nickel	19.8	0.251	1.01	
Selenium	1.14	0.754	1.01	
Silver	ND	0.251	1.01	
Thallium	ND	0.754	1.01	
Vanadium	108	0.251	1.01	
Zinc	86.7	1.01	1.01	


 Return to Contents

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Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-13/HA-14@0.5'	15-10-2210-13-A	10/28/15 03:00	Solid	ICP 7300	11/05/15	11/06/15 17:04	151105L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.758	1.01	
Arsenic	3.22	0.758	1.01	
Barium	149	0.505	1.01	
Beryllium	ND	0.253	1.01	
Cadmium	1.60	0.505	1.01	
Chromium	11.5	0.253	1.01	
Cobalt	7.36	0.253	1.01	
Copper	7.11	0.505	1.01	
Lead	2.38	0.505	1.01	
Molybdenum	ND	0.253	1.01	
Nickel	5.34	0.253	1.01	
Selenium	0.866	0.758	1.01	
Silver	ND	0.253	1.01	
Thallium	ND	0.758	1.01	
Vanadium	34.1	0.253	1.01	
Zinc	49.7	1.01	1.01	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-30/HA-15@.5'	15-10-2210-15-A	10/28/15 01:45	Solid	ICP 7300	11/05/15	11/06/15 17:06	151105L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.721	0.962	
Arsenic	4.35	0.721	0.962	
Barium	160	0.481	0.962	
Beryllium	0.405	0.240	0.962	
Cadmium	1.79	0.481	0.962	
Chromium	40.0	0.240	0.962	
Cobalt	10.6	0.240	0.962	
Copper	29.0	0.481	0.962	
Lead	3.05	0.481	0.962	
Molybdenum	0.260	0.240	0.962	
Nickel	14.9	0.240	0.962	
Selenium	1.30	0.721	0.962	
Silver	ND	0.240	0.962	
Thallium	ND	0.721	0.962	
Vanadium	83.9	0.240	0.962	
Zinc	66.8	0.962	0.962	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-16/HA-17@.5'	15-10-2210-17-A	10/28/15 09:05	Solid	ICP 7300	11/05/15	11/06/15 17:07	151105L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.754	1.01	
Arsenic	7.00	0.754	1.01	
Barium	162	0.503	1.01	
Beryllium	0.704	0.251	1.01	
Cadmium	2.05	0.503	1.01	
Chromium	58.8	0.251	1.01	
Cobalt	9.75	0.251	1.01	
Copper	33.1	0.503	1.01	
Lead	6.24	0.503	1.01	
Molybdenum	1.54	0.251	1.01	
Nickel	17.8	0.251	1.01	
Selenium	2.09	0.754	1.01	
Silver	ND	0.251	1.01	
Thallium	ND	0.754	1.01	
Vanadium	129	0.251	1.01	
Zinc	109	1.01	1.01	


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-18/HA-19@.5'	15-10-2210-19-A	10/28/15 09:50	Solid	ICP 7300	11/05/15	11/06/15 17:09	151105L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.743	0.990	
Arsenic	1.90	0.743	0.990	
Barium	81.2	0.495	0.990	
Beryllium	0.399	0.248	0.990	
Cadmium	1.11	0.495	0.990	
Chromium	25.3	0.248	0.990	
Cobalt	8.46	0.248	0.990	
Copper	11.6	0.495	0.990	
Lead	3.81	0.495	0.990	
Molybdenum	ND	0.248	0.990	
Nickel	8.38	0.248	0.990	
Selenium	1.07	0.743	0.990	
Silver	ND	0.248	0.990	
Thallium	ND	0.743	0.990	
Vanadium	51.7	0.248	0.990	
Zinc	41.7	0.990	0.990	


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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-20/HA-21@.5'	15-10-2210-21-A	10/28/15 10:30	Solid	ICP 7300	11/05/15	11/06/15 17:11	151105L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.743	0.990	
Arsenic	3.46	0.743	0.990	
Barium	100	0.495	0.990	
Beryllium	0.365	0.248	0.990	
Cadmium	1.31	0.495	0.990	
Chromium	30.2	0.248	0.990	
Cobalt	6.72	0.248	0.990	
Copper	13.2	0.495	0.990	
Lead	3.68	0.495	0.990	
Molybdenum	ND	0.248	0.990	
Nickel	9.32	0.248	0.990	
Selenium	0.900	0.743	0.990	
Silver	ND	0.248	0.990	
Thallium	ND	0.743	0.990	
Vanadium	62.5	0.248	0.990	
Zinc	44.2	0.990	0.990	


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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-22/HA-23@.5'	15-10-2210-23-A	10/28/15 11:10	Solid	ICP 7300	11/05/15	11/06/15 17:13	151105L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.754	1.01	
Arsenic	3.64	0.754	1.01	
Barium	143	0.503	1.01	
Beryllium	0.613	0.251	1.01	
Cadmium	1.85	0.503	1.01	
Chromium	47.3	0.251	1.01	
Cobalt	10.2	0.251	1.01	
Copper	24.8	0.503	1.01	
Lead	4.63	0.503	1.01	
Molybdenum	0.693	0.251	1.01	
Nickel	15.5	0.251	1.01	
Selenium	1.14	0.754	1.01	
Silver	ND	0.251	1.01	
Thallium	ND	0.754	1.01	
Vanadium	103	0.251	1.01	
Zinc	87.0	1.01	1.01	


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-24/HA-25@.5'	15-10-2210-25-A	10/28/15 12:10	Solid	ICP 7300	11/05/15	11/06/15 17:14	151105L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.765	1.02	
Arsenic	4.14	0.765	1.02	
Barium	160	0.510	1.02	
Beryllium	0.692	0.255	1.02	
Cadmium	1.82	0.510	1.02	
Chromium	50.3	0.255	1.02	
Cobalt	10.3	0.255	1.02	
Copper	30.1	0.510	1.02	
Lead	4.40	0.510	1.02	
Molybdenum	0.417	0.255	1.02	
Nickel	18.7	0.255	1.02	
Selenium	1.37	0.765	1.02	
Silver	ND	0.255	1.02	
Thallium	ND	0.765	1.02	
Vanadium	89.2	0.255	1.02	
Zinc	74.3	1.02	1.02	



Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-26/HA-27@.5'	15-10-2210-27-A	10/28/15 12:45	Solid	ICP 7300	11/05/15	11/06/15 17:16	151105L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.750	1.00	
Arsenic	8.32	0.750	1.00	
Barium	177	0.500	1.00	
Beryllium	0.556	0.250	1.00	
Cadmium	1.97	0.500	1.00	
Chromium	52.1	0.250	1.00	
Cobalt	9.96	0.250	1.00	
Copper	27.4	0.500	1.00	
Lead	5.41	0.500	1.00	
Molybdenum	0.265	0.250	1.00	
Nickel	17.8	0.250	1.00	
Selenium	1.85	0.750	1.00	
Silver	ND	0.250	1.00	
Thallium	ND	0.750	1.00	
Vanadium	114	0.250	1.00	
Zinc	91.1	1.00	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-28/HA-29@.5'	15-10-2210-29-A	10/28/15 01:10	Solid	ICP 7300	11/05/15	11/06/15 17:18	151105L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.746	0.995	
Arsenic	14.6	0.746	0.995	
Barium	212	0.498	0.995	
Beryllium	0.507	0.249	0.995	
Cadmium	2.26	0.498	0.995	
Chromium	78.2	0.249	0.995	
Cobalt	17.1	0.249	0.995	
Copper	37.0	0.498	0.995	
Lead	4.35	0.498	0.995	
Molybdenum	ND	0.249	0.995	
Nickel	40.6	0.249	0.995	
Selenium	1.42	0.746	0.995	
Silver	ND	0.249	0.995	
Thallium	ND	0.746	0.995	
Vanadium	89.2	0.249	0.995	
Zinc	71.5	0.995	0.995	


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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	097-01-002-22005	N/A	Solid	ICP 7300	11/05/15	11/06/15 16:43	151105L04

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
Antimony	ND	0.750	1.00	
Arsenic	ND	0.750	1.00	
Barium	ND	0.500	1.00	
Beryllium	ND	0.250	1.00	
Cadmium	ND	0.500	1.00	
Chromium	ND	0.250	1.00	
Cobalt	ND	0.250	1.00	
Copper	ND	0.500	1.00	
Lead	ND	0.500	1.00	
Molybdenum	ND	0.250	1.00	
Nickel	ND	0.250	1.00	
Selenium	ND	0.750	1.00	
Silver	ND	0.250	1.00	
Thallium	ND	0.750	1.00	
Vanadium	ND	0.250	1.00	
Zinc	ND	1.00	1.00	


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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-1/HA-2@0.5'	15-10-2210-1-A	10/28/15 09:38	Solid	Mercury 05	11/03/15	11/03/15 19:15	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0833		1.00	
HA-3/HA-4@0.5'	15-10-2210-3-A	10/28/15 10:04	Solid	Mercury 05	11/03/15	11/03/15 19:22	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0847		1.00	
HA-5/HA-6@0.5'	15-10-2210-5-A	10/28/15 10:40	Solid	Mercury 05	11/03/15	11/03/15 19:24	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0833		1.00	
HA-7/HA-8@0.5'	15-10-2210-7-A	10/28/15 11:34	Solid	Mercury 05	11/03/15	11/03/15 19:32	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0833		1.00	
HA-9/HA-10@0.5'	15-10-2210-9-A	10/28/15 01:30	Solid	Mercury 05	11/03/15	11/03/15 19:34	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0847		1.00	
HA-11/HA-12@0.5'	15-10-2210-11-A	10/28/15 02:05	Solid	Mercury 05	11/03/15	11/03/15 19:36	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0862		1.00	
HA-13/HA-14@0.5'	15-10-2210-13-A	10/28/15 03:00	Solid	Mercury 05	11/03/15	11/03/15 19:39	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0847		1.00	
HA-30/HA-15@.5'	15-10-2210-15-A	10/28/15 01:45	Solid	Mercury 05	11/03/15	11/03/15 19:41	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0862		1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-16/HA-17@.5'	15-10-2210-17-A	10/28/15 09:05	Solid	Mercury 05	11/03/15	11/03/15 19:43	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0833		1.00	
HA-18/HA-19@.5'	15-10-2210-19-A	10/28/15 09:50	Solid	Mercury 05	11/03/15	11/03/15 19:45	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0820		1.00	
HA-20/HA-21@.5'	15-10-2210-21-A	10/28/15 10:30	Solid	Mercury 05	11/03/15	11/03/15 19:47	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0847		1.00	
HA-22/HA-23@.5'	15-10-2210-23-A	10/28/15 11:10	Solid	Mercury 05	11/03/15	11/03/15 19:49	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0847		1.00	
HA-24/HA-25@.5'	15-10-2210-25-A	10/28/15 12:10	Solid	Mercury 05	11/03/15	11/03/15 19:52	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0820		1.00	
HA-26/HA-27@.5'	15-10-2210-27-A	10/28/15 12:45	Solid	Mercury 05	11/03/15	11/03/15 19:58	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0847		1.00	
HA-28/HA-29@.5'	15-10-2210-29-A	10/28/15 01:10	Solid	Mercury 05	11/03/15	11/03/15 20:01	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0820		1.00	
Method Blank	099-16-272-1743	N/A	Solid	Mercury 05	11/03/15	11/03/15 19:11	151103L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0833		1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-1/HA-2@0.5'	15-10-2210-1-A	10/28/15 09:38	Solid	GC 44	11/02/15	11/03/15 11:20	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	9.9	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	9.9	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	9.9	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	99	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	107	24-168	
2,4,5,6-Tetrachloro-m-Xylene	81	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-3/HA-4@0.5'	15-10-2210-3-A	10/28/15 10:04	Solid	GC 44	11/02/15	11/03/15 11:35	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	10	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	10	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	10	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	100	24-168	
2,4,5,6-Tetrachloro-m-Xylene	69	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-5/HA-6@0.5'	15-10-2210-5-A	10/28/15 10:40	Solid	GC 44	11/02/15	11/03/15 11:49	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	9.9	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	9.9	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	9.9	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	99	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	100	24-168	
2,4,5,6-Tetrachloro-m-Xylene	74	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-7/HA-8@0.5'	15-10-2210-7-A	10/28/15 11:34	Solid	GC 44	11/02/15	11/03/15 12:03	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	10	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	10	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	10	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	99	24-168	
2,4,5,6-Tetrachloro-m-Xylene	78	25-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-9/HA-10@0.5'	15-10-2210-9-A	10/28/15 01:30	Solid	GC 44	11/02/15	11/03/15 12:17	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	10	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	10	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	10	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	113	24-168	
2,4,5,6-Tetrachloro-m-Xylene	84	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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GeoSoils, Inc.
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Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-11/HA-12@0.5'	15-10-2210-11-A	10/28/15 02:05	Solid	GC 44	11/02/15	11/03/15 12:32	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.1	1.00	
Alpha-BHC	ND	10	1.00	
Beta-BHC	ND	5.1	1.00	
Chlordane	ND	51	1.00	
4,4'-DDD	ND	5.1	1.00	
4,4'-DDE	ND	5.1	1.00	
4,4'-DDT	ND	5.1	1.00	
Delta-BHC	ND	10	1.00	
Dieldrin	ND	5.1	1.00	
Endosulfan I	ND	5.1	1.00	
Endosulfan II	ND	5.1	1.00	
Endosulfan Sulfate	ND	5.1	1.00	
Endrin	ND	5.1	1.00	
Endrin Aldehyde	ND	5.1	1.00	
Endrin Ketone	ND	5.1	1.00	
Gamma-BHC	ND	5.1	1.00	
Heptachlor	ND	5.1	1.00	
Heptachlor Epoxide	ND	10	1.00	
Methoxychlor	ND	5.1	1.00	
Toxaphene	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	114	24-168	
2,4,5,6-Tetrachloro-m-Xylene	81	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-13/HA-14@0.5'	15-10-2210-13-A	10/28/15 03:00	Solid	GC 44	11/02/15	11/03/15 12:46	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	9.9	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	9.9	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	9.9	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	99	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	97	24-168	
2,4,5,6-Tetrachloro-m-Xylene	76	25-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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GeoSoils, Inc.
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Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-30/HA-15@.5'	15-10-2210-15-A	10/28/15 01:45	Solid	GC 44	11/02/15	11/03/15 13:00	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	10	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	10	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	10	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	50	24-168	
2,4,5,6-Tetrachloro-m-Xylene	43	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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GeoSoils, Inc.
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Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-16/HA-17@.5'	15-10-2210-17-A	10/28/15 09:05	Solid	GC 44	11/02/15	11/03/15 13:15	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	9.9	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	9.9	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	9.9	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	99	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	100	24-168	
2,4,5,6-Tetrachloro-m-Xylene	78	25-145	

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Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-18/HA-19@.5'	15-10-2210-19-A	10/28/15 09:50	Solid	GC 44	11/02/15	11/03/15 13:29	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	10	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	10	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	10	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	100	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
Decachlorobiphenyl	99	24-168		
2,4,5,6-Tetrachloro-m-Xylene	76	25-145		

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Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-20/HA-21@.5'	15-10-2210-21-A	10/28/15 10:30	Solid	GC 44	11/02/15	11/03/15 13:43	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	9.9	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	9.9	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	9.9	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	99	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	82	24-168	
2,4,5,6-Tetrachloro-m-Xylene	46	25-145	

Return to Contents

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Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-22/HA-23@.5'	15-10-2210-23-A	10/28/15 11:10	Solid	GC 44	11/02/15	11/03/15 13:58	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	10	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	10	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	10	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	101	24-168	
2,4,5,6-Tetrachloro-m-Xylene	58	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-24/HA-25@.5'	15-10-2210-25-A	10/28/15 12:10	Solid	GC 44	11/02/15	11/03/15 14:12	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	10	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	10	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	10	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	106	24-168	
2,4,5,6-Tetrachloro-m-Xylene	63	25-145	


 Return to Contents

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Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-26/HA-27@.5'	15-10-2210-27-A	10/28/15 12:45	Solid	GC 44	11/02/15	11/03/15 14:26	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	10	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	10	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	10	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	103	24-168	
2,4,5,6-Tetrachloro-m-Xylene	74	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HA-28/HA-29@.5'	15-10-2210-29-A	10/28/15 01:10	Solid	GC 44	11/02/15	11/03/15 14:40	151102L07

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	9.9	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	9.9	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	9.9	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	99	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	100	24-168	
2,4,5,6-Tetrachloro-m-Xylene	63	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

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GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: Twelve Oaks

Page 16 of 16

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-537-2287	N/A	Solid	GC 44	11/02/15	11/03/15 10:37	151102L07

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	10	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	10	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	10	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	100	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
Decachlorobiphenyl	94	24-168	
2,4,5,6-Tetrachloro-m-Xylene	95	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Quality Control - Spike/Spike Duplicate

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3050B
Method: EPA 6010B

Project: Twelve Oaks

Page 1 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number				
HA-1/HA-2@0.5'	Sample	Solid	ICP 7300	11/05/15	11/06/15 16:47	151105S04				
HA-1/HA-2@0.5'	Matrix Spike	Solid	ICP 7300	11/05/15	11/06/15 16:49	151105S04				
HA-1/HA-2@0.5'	Matrix Spike Duplicate	Solid	ICP 7300	11/05/15	11/06/15 16:50	151105S04				
Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	8.370	33	7.158	29	50-115	16	0-20	3
Arsenic	3.240	25.00	25.24	88	26.75	94	75-125	6	0-20	
Barium	143.7	25.00	168.2	4X	178.4	4X	75-125	4X	0-20	Q
Beryllium	ND	25.00	23.57	94	25.01	100	75-125	6	0-20	
Cadmium	1.315	25.00	23.44	89	24.84	94	75-125	6	0-20	
Chromium	17.43	25.00	39.07	87	42.51	100	75-125	8	0-20	
Cobalt	7.188	25.00	29.69	90	31.17	96	75-125	5	0-20	
Copper	11.95	25.00	34.13	89	37.48	102	75-125	9	0-20	
Lead	2.651	25.00	23.87	85	25.12	90	75-125	5	0-20	
Molybdenum	ND	25.00	21.37	85	22.23	89	75-125	4	0-20	
Nickel	7.148	25.00	28.55	86	30.53	94	75-125	7	0-20	
Selenium	1.071	25.00	22.71	87	24.50	94	75-125	8	0-20	
Silver	ND	12.50	11.64	93	11.94	96	75-125	3	0-20	
Thallium	ND	25.00	19.43	78	20.65	83	75-125	6	0-20	
Vanadium	49.39	25.00	74.37	100	78.37	116	75-125	5	0-20	
Zinc	42.81	25.00	62.03	77	68.64	103	75-125	10	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

GeoSoils, Inc.	Date Received:	10/29/15
5741 Palmer Way	Work Order:	15-10-2210
Carlsbad, CA 92010-7248	Preparation:	EPA 7471A Total
	Method:	EPA 7471A
Project: Twelve Oaks		Page 2 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
HA-1/HA-2@0.5'	Sample	Solid	Mercury 05	11/03/15	11/03/15 19:15	151103S02
HA-1/HA-2@0.5'	Matrix Spike	Solid	Mercury 05	11/03/15	11/03/15 19:17	151103S02
HA-1/HA-2@0.5'	Matrix Spike Duplicate	Solid	Mercury 05	11/03/15	11/03/15 19:20	151103S02

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	0.8285	99	0.8016	96	71-137	3	0-14	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A

Project: Twelve Oaks

Page 3 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
HA-28/HA-29@.5'	Sample	Solid	GC 44	11/02/15	11/03/15 14:40	151102S07
HA-28/HA-29@.5'	Matrix Spike	Solid	GC 44	11/02/15	11/03/15 10:52	151102S07
HA-28/HA-29@.5'	Matrix Spike Duplicate	Solid	GC 44	11/02/15	11/03/15 11:06	151102S07

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aldrin	ND	25.00	12.41	50	17.85	71	50-135	36	0-25	4
Alpha-BHC	ND	25.00	13.34	53	17.86	71	50-135	29	0-25	4
Beta-BHC	ND	25.00	14.55	58	20.87	83	50-135	36	0-25	4
4,4'-DDD	ND	25.00	14.19	57	21.34	85	50-135	40	0-25	4
4,4'-DDE	ND	25.00	13.91	56	20.93	84	50-135	40	0-25	4
4,4'-DDT	ND	25.00	14.86	59	22.40	90	50-135	41	0-25	4
Delta-BHC	ND	25.00	14.36	57	20.95	84	50-135	37	0-25	4
Dieldrin	ND	25.00	14.13	57	20.93	84	50-135	39	0-25	4
Endosulfan I	ND	25.00	13.54	54	19.88	80	50-135	38	0-25	4
Endosulfan II	ND	25.00	13.96	56	21.14	85	50-135	41	0-25	4
Endosulfan Sulfate	ND	25.00	14.74	59	21.59	86	50-135	38	0-25	4
Endrin	ND	25.00	16.75	67	24.36	97	50-135	37	0-25	4
Endrin Aldehyde	ND	25.00	13.90	56	19.88	80	50-135	35	0-25	4
Gamma-BHC	ND	25.00	13.99	56	19.25	77	50-135	32	0-25	4
Heptachlor	ND	25.00	12.95	52	18.55	74	50-135	35	0-25	4
Heptachlor Epoxide	ND	25.00	13.29	53	19.23	77	50-135	37	0-25	4
Methoxychlor	ND	25.00	16.14	65	23.78	95	50-135	38	0-25	4

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Quality Control - LCS

GeoSoils, Inc.
 5741 Palmer Way
 Carlsbad, CA 92010-7248

Date Received: 10/29/15
 Work Order: 15-10-2210
 Preparation: EPA 3050B
 Method: EPA 6010B

Project: Twelve Oaks

Page 1 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number	
097-01-002-22005	LCS	Solid	ICP 7300	11/05/15	11/06/15 16:45	151105L04	
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>ME CL</u>	<u>Qualifiers</u>
Antimony		25.00	23.24	93	80-120	73-127	
Arsenic		25.00	20.55	82	80-120	73-127	
Barium		25.00	24.16	97	80-120	73-127	
Beryllium		25.00	21.08	84	80-120	73-127	
Cadmium		25.00	21.82	87	80-120	73-127	
Chromium		25.00	22.35	89	80-120	73-127	
Cobalt		25.00	22.49	90	80-120	73-127	
Copper		25.00	22.03	88	80-120	73-127	
Lead		25.00	21.32	85	80-120	73-127	
Molybdenum		25.00	21.15	85	80-120	73-127	
Nickel		25.00	22.15	89	80-120	73-127	
Selenium		25.00	19.67	79	80-120	73-127	ME
Silver		12.50	11.35	91	80-120	73-127	
Thallium		25.00	20.86	83	80-120	73-127	
Vanadium		25.00	21.92	88	80-120	73-127	
Zinc		25.00	21.70	87	80-120	73-127	

Total number of LCS compounds: 16

Total number of ME compounds: 1

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass



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Quality Control - LCS

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 7471A Total
Method: EPA 7471A

Project: Twelve Oaks

Page 2 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-272-1743	LCS	Solid	Mercury 05	11/03/15	11/03/15 19:13	151103L02
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Mercury		0.8350	0.8805	105	85-121	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 10/29/15
Work Order: 15-10-2210
Preparation: EPA 3545
Method: EPA 8081A

Project: Twelve Oaks

Page 3 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number	
099-12-537-2287	LCS	Solid	GC 44	11/02/15	11/03/15 19:12	151102L07	
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>ME CL</u>	<u>Qualifiers</u>
Aldrin		25.00	19.02	76	50-135	36-149	
Alpha-BHC		25.00	19.12	76	50-135	36-149	
Beta-BHC		25.00	20.41	82	50-135	36-149	
4,4'-DDD		25.00	24.28	97	50-135	36-149	
4,4'-DDE		25.00	22.71	91	50-135	36-149	
4,4'-DDT		25.00	26.17	105	50-135	36-149	
Delta-BHC		25.00	22.97	92	50-135	36-149	
Dieldrin		25.00	22.77	91	50-135	36-149	
Endosulfan I		25.00	21.36	85	50-135	36-149	
Endosulfan II		25.00	24.54	98	50-135	36-149	
Endosulfan Sulfate		25.00	25.59	102	50-135	36-149	
Endrin		25.00	26.65	107	50-135	36-149	
Endrin Aldehyde		25.00	22.03	88	50-135	36-149	
Gamma-BHC		25.00	20.26	81	50-135	36-149	
Heptachlor		25.00	20.49	82	50-135	36-149	
Heptachlor Epoxide		25.00	21.34	85	50-135	36-149	
Methoxychlor		25.00	27.93	112	50-135	36-149	

Total number of LCS compounds: 17

Total number of ME compounds: 0

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Sample Analysis Summary Report

Work Order: 15-10-2210

Page 1 of 1

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 6010B	EPA 3050B	935	ICP 7300	1
EPA 7471A	EPA 7471A Total	915	Mercury 05	1
EPA 8081A	EPA 3545	669	GC 44	1

Glossary of Terms and Qualifiers

Work Order: 15-10-2210

Page 1 of 1

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

WO NO. / LAB USE ONLY
15-10-2210

DATE: 10/28/2015
PAGE: 1 OF 3

LABORATORY CLIENT: Geo-Soils, Inc.
ADDRESS: 26590 Madison Ave.
CITY: Marieta STATE: CA ZIP: 92562
TEL: 951-677-9651 E-MAIL: tgrew@geosoilsinc.com
TURNAROUND TIME (Rush surcharges may apply to any but not "STANDARD"):
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD
EDD:
 COELT EDF OTHER

CLIENT PROJECT NAME / NO.: Twelve Oaks P.O. NO.: E6872-SC
PROJECT CONTACT: Todd Greer LAB CONTACT OR QUOTE NO.:
GLOBAL ID: LOG CODE: SAMPLER(S) / PRINT: Todd Greer
Jennifer Mutch

REQUESTED ANALYSES
Please check box or fill in blank as needed.

SPECIAL INSTRUCTIONS:
Please Mix-Composite Field Samples.

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081) <u>A</u>	PCBs (8032)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input checked="" type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6
		DATE	TIME																			
1	HA-1/HA-2	10/28/15	9:38	Soil	1	/																
2	1.5'	10/28/15	9:51		1	/																
3	HA-3/HA-4 @ 0.5'	10/28/15	10:04		1	/																
4	1 @ 1.5'	10/28/15	10:21		1	/																
5	HA-5/HA-6 @ 0.5'	10/28/15	10:40		1	/																
6	1 @ 1.5'	10/28/15	10:58		1	/																
7	HA-7/HA-8 @ 0.5'	10/28/15	11:34		1	/																
8	1 @ 1.5'	10/28/15	12:13		1	/																
9	HA-9/HA-10 @ 0.5'	10/28/15	1:30		1	/																
10	1 @ 1.5'	10/28/15	1:43		1	/																

Relinquished by: (Signature) <u>Todd Greer</u>	Received by: (Signature/Affiliation) <u>[Signature] Geo-Soils, Inc.</u>	Date: <u>10/29/15</u>	Time: <u>8:25AM</u>
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>[Signature] ECI</u>	Date: <u>10/29/15</u>	Time: <u>16:35</u>
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>[Signature] ECI</u>	Date: <u>10/29/15</u>	Time: <u>19:05</u>



Calscience Environmental Laboratories, Inc.

SoCal Laboratory
 7440 Lincoln Way
 Garden Grove, CA 92841-1427
 (714) 895-5494

NorCal Service Center
 5063 Commercial Circle, Suite H
 Concord, CA 94520-8577
 (925) 689-9022

CHAIN OF CUSTODY RECORD

Date 10/28/2015
 Page 2 of 3

WO # / LAB USE ONLY
10-2210

LABORATORY CLIENT: Geo-Soils, Inc.
 ADDRESS: 26590 Madison Ave
 CITY: Marietta STATE: CA ZIP: 92562

CLIENT PROJECT NAME / NUMBER: Twelve Oaks P.O. NO.: E6872-SC
 PROJECT CONTACT: Todd Greer SAMPLER(S): (PRINT) Todd Greer
Jennifer Marton

TEL: 951-677-9651 E-MAIL: tgreer@geosoilsinc.com
 TURNAROUND TIME:
 SAME DAY 24 HR 48 HR 72 HR STANDARD
 COELT EDF GLOBAL ID LOG CODE

REQUESTED ANALYSES

SPECIAL INSTRUCTIONS:
Please Mix- Composite Field Samples

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO	TPH (d) or DRO or (C6C36) or (C6-C44)	TPH ()	BTEX / MTBE (8260) or ()	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081) A	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	
		DATE	TIME																			
11	HA-11/HA-12 @ 0.5'	10/28/15	2:05	Soil	1	/																
12	v v @ 1.5'	10/28/15	2:15		1	/																
13	HA-13/HA-14 @ 0.5'	10/28/15	3:00		1	/																
14	v v @ 1.5'	10/28/15	3:15		1	/																
15	HA-30/HA-15 @ 0.5'	10/28/15	1:45		1	/																
16	v v @ 1.5'	10/28/15	2:00		1	/																
17	HA-16/HA-17 @ 0.5'	10/28/15	9:05		1	/																
18	v v @ 1.5'	10/28/15	9:20		1	/																
19	HA-18/HA-19 @ 0.5'	10/28/15	9:50		1	/																
20	v v @ 1.5'	10/28/15	10:05		1	/																

Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>[Signature] Geo-Soils, Inc.</u>	Date: <u>10/29/15</u>	Time: <u>8:25 AM</u>
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>[Signature] ECI</u>	Date: <u>10/29/15</u>	Time: <u>16:35</u>
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>[Signature] EU</u>	Date: <u>10/29/15</u>	Time: <u>19:05</u>

DISTRIBUTION: White with final report, Green and Yellow to Client.
 Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.



Calscience Environmental Laboratories, Inc.

SoCal Laboratory
7440 Lincoln Way
Garden Grove, CA 92841-1427
(714) 895-5494

NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 10/28/2015
Page 3 of 3

WO # / LAB USE ONLY
10-2210

LABORATORY CLIENT: GeoSoils, Inc.
ADDRESS: 26590 Madison Ave.
CITY: Murrieta STATE: CA ZIP: 92562

CLIENT PROJECT NAME / NUMBER: Twelve Oaks P.O. NO.: E6872-SC
PROJECT CONTACT: _____ SAMPLER(S): (PRINT) _____

TEL: 951-677-8651 E-MAIL: egreer@geosoilsinc.com
TURNAROUND TIME:
 SAME DAY 24 HR 48 HR 72 HR STANDARD
 COELT EDF GLOBAL ID _____ LOG CODE _____

REQUESTED ANALYSES

SPECIAL INSTRUCTIONS:
Please Mix - Composite Field Samples

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO	TPH (d) or DRO or (C6C36) or (C6-C44)	TPH ()	BTEX / MTBE (8260) or ()	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081) <u>A</u>	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	
		DATE	TIME																			
21	HA-20/HA-21 @ .5'	10/28/15	10:30	Soil	1	/																
22	↓ ↓ @ 1.5'	10/28/15	10:50		1	/																
23	HA-22/HA-23 @ .5'	10/28/15	11:10		1	/																
24	↓ ↓ @ 1.5'	10/28/15	11:30		1	/																
25	HA-24/HA-25 @ .5'	10/28/15	12:10		1																	
26	↓ ↓ @ 1.5'	10/28/15	12:30		1																	
27	HA-26/HA-27 @ .5'	10/28/15	12:45		1																	
28	↓ ↓ @ 1.5'	10/28/15	1:00		1																	
29	HA-28/HA-29 @ .5'	10/28/15	1:10		1																	
30	↓ ↓ @ 1.5'	10/28/15	1:30		1																	

Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>GeoSoils, Inc.</u>	Date: <u>10/29/15</u>	Time: <u>8:25AM</u>
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>ECI</u>	Date: <u>10/29/15</u>	Time: <u>16:35</u>
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>EU</u>	Date: <u>10/29/15</u>	Time: <u>19:05</u>

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Geosol

DATE: 10/29/2015

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2 (CF:-0.4°C); Temperature (w/o CF): 3.4 °C (w/ CF): 3.0 °C; [X] Blank [] Sample

[] Sample(s) outside temperature criteria (PM/APM contacted by: _____)

[] Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

[] Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: [] Air [] Filter

Checked by: 820

CUSTODY SEAL:

Cooler [] Present and Intact [] Present but Not Intact [X] Not Present [] N/A

Checked by: 820

Sample(s) [] Present and Intact [] Present but Not Intact [X] Not Present [] N/A

Checked by: 965

SAMPLE CONDITION:

Chain-of-Custody (COC) document(s) received with samples [X] Yes [] No [] N/A

COC document(s) received complete [] Yes [X] No [] N/A

[] Sampling date [] Sampling time [] Matrix [] Number of containers

[X] No analysis requested [] Not relinquished [] No relinquished date [] No relinquished time

Sampler's name indicated on COC [X] Yes [] No [] N/A

Sample container label(s) consistent with COC [X] Yes [] No [] N/A

Sample container(s) intact and in good condition [X] Yes [] No [] N/A

Proper containers for analyses requested [X] Yes [] No [] N/A

Sufficient volume/mass for analyses requested [X] Yes [] No [] N/A

Samples received within holding time [X] Yes [] No [] N/A

Aqueous samples for certain analyses received within 15-minute holding time

[] pH [] Residual Chlorine [] Dissolved Sulfide [] Dissolved Oxygen [] Yes [] No [X] N/A

Proper preservation chemical(s) noted on COC and/or sample container [] Yes [] No [X] N/A

Unpreserved aqueous sample(s) received for certain analyses

[] Volatile Organics [] Total Metals [] Dissolved Metals

Container(s) for certain analysis free of headspace [] Yes [] No [X] N/A

[] Volatile Organics [] Dissolved Gases (RSK-175) [] Dissolved Oxygen (SM 4500)

[] Carbon Dioxide (SM 4500) [] Ferrous Iron (SM 3500) [] Hydrogen Sulfide (Hach)

Tedlar™ bag(s) free of condensation [] Yes [] No [X] N/A

CONTAINER TYPE:

(Trip Blank Lot Number: _____)

Aqueous: [] VOA [] VOA_h [] VOA_{na2} [] 100PJ [] 100PJ_{na2} [] 125AGB [] 125AGB_h [] 125AGB_p [] 125PB

[] 125PB_{znna} [] 250AGB [] 250CGB [] 250CGB_s [] 250PB [] 250PB_n [] 500AGB [] 500AGJ [] 500AGJ_s

[] 500PB [] 1AGB [] 1AGB_{na2} [] 1AGB_s [] 1PB [] 1PB_{na} [] _____ [] _____ [] _____ [] _____

Solid: [X] 4ozCGJ [] 8ozCGJ [] 16ozCGJ [] Sleeve (_____) [] EnCores® (_____) [] TerraCores® (_____) [] _____

Air: [] Tedlar™ [] Canister [] Sorbent Tube [] PUF [] _____ Other Matrix (____): [] _____ [] _____

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO₃, na = NaOH, na₂ = Na₂S₂O₃, p = H₃PO₄,

Labeled/Checked by: 965

s = H₂SO₄, u = ultra-pure, znna = Zn(CH₃CO₂)₂ + NaOH

Reviewed by: 820

Twelve Oaks Project

38901 Warren Road
Winchester, CA 92596

Inquiry Number: 4498606.1s
December 23, 2015

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

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

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The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600-10).

	Maximum Search Distance*	Summary		
		property	1/10	1/10 - 1/3
STANDARD ENVIRONMENTAL RECORDS				
Federal NPL	0.333	0	0	0
Federal CERCLIS	0.333	0	0	0
Federal RCRA CORRACTS facilities list	0.333	0	0	0
Federal RCRA TSD facilities list	0.333	0	0	0
Federal RCRA generators list	property	0	-	-
Federal institutional controls / engineering controls registries	0.333	0	0	0
Federal ERNS list	property	0	-	-
State and tribal - equivalent NPL	0.333	0	0	0
State and tribal - equivalent CERCLIS	0.333	0	0	0
State and tribal landfill / solid waste disposal	0.333	0	0	0
State and tribal leaking storage tank lists	0.333	0	0	0
State and tribal registered storage tank lists	property	0	-	-
State and tribal institutional control / engineering control registries	not searched	-	-	-
State and tribal voluntary cleanup sites	0.333	0	0	0
State and tribal Brownfields sites	0.333	0	0	0
Other Standard Environmental Records	0.333	0	0	0
HISTORICAL USE RECORDS				
Former manufactured Gas Plants	0.333	0	0	0
Historical Gas Stations	0.25	0	0	0
Historical Dry Cleaners	0.25	0	0	0
Exclusive Recovered Govt. Archives	property	0	-	-

*Each category may include several separate databases, each having a different search distance. For each category, the table reports the maximum search distance applied. See the section 'Record Sources and Currency' for information on individual databases.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

TWELVE OAKS PROJECT
38901 WARREN ROAD
WINCHESTER, CA 92596

COORDINATES

Latitude (North):	33.5604 - 33° 33' 37.433167"
Longitude (West):	117.0386 - 117° 2' 18.949585"
Elevation:	1522 ft. above sea level

EXECUTIVE SUMMARY

PHYSICAL SETTING INFORMATION

Flood Zone: Available
 NWI Wetlands: Available

AQUIFLOW®

Search Radius: 0.333 Mile.

No Aquiflow sites reported.

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: ESCONDIDO
 Soil Surface Texture: fine sandy loam
 Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
 Soil Drainage Class: Well drained
 Hydric Status: Not hydric
 Corrosion Potential - Uncoated Steel: Low
 Depth to Bedrock Min: > 77 inches
 Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 5.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	5 inches	33 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
3	33 inches	38 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 2

Soil Component Name: YOKOHL

Soil Surface Texture: 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: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 6.1

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	9 inches	25 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1
3	25 inches	29 inches	indurated	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	29 inches	59 inches	stratified sandy loam to gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: LODO

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: Low

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	7 inches	18 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 4

Soil Component Name: ARLINGTON

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	11 inches	24 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.8 Min: 6.1

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	24 inches	35 inches	cemented	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: Min:
4	35 inches	46 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6

Soil Map ID: 5

Soil Component Name: LODO

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: Low

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	7 inches	18 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 6

Soil Component Name: PLACENTIA

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.8 Min: 5.6
2	18 inches	38 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.6
3	38 inches	57 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.4

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
4	57 inches	59 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

Soil Map ID: 7

Soil Component Name: CAJALCO

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.1
2	12 inches	18 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 7.3 Min: 6.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	18 inches	61 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 8

Soil Component Name: LODO

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: Low

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	7 inches	18 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 9

Soil Component Name: ARLINGTON

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

EXECUTIVE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	11 inches	24 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.8 Min: 6.1
3	24 inches	35 inches	cemented	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: Min:
4	35 inches	46 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6

Soil Map ID: 10

Soil Component Name: FRIANT

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

EXECUTIVE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 33 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	12 inches	16 inches	unweathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 11

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	7 inches	16 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
3	16 inches	68 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
4	68 inches	74 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 12

Soil Component Name: HANFORD

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

Soil Map ID: 13

Soil Component Name: Cieneba

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.1
2	14 inches	22 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 14

Soil Component Name: AULD

Soil Surface Texture: clay

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	27 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.6
2	27 inches	44 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	44 inches	48 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 15

Soil Component Name: PORTERVILLE

Soil Surface Texture: clay

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: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	14 inches	66 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

EXECUTIVE SUMMARY

Soil Map ID: 16

Soil Component Name: BUCHENAU

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	7 inches	44 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9
3	44 inches	61 inches	cemented	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 17

Soil Component Name: CAJALCO

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

EXECUTIVE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.1
2	12 inches	22 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.6
3	22 inches	61 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 18

Soil Component Name: VISTA

Soil Surface Texture: coarse sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	14 inches	24 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
3	24 inches	27 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 19

Soil Component Name: GRANGEVILLE

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 9 Min: 7.4
2	16 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9 Min: 7.4

Soil Map ID: 20

Soil Component Name: VISTA

Soil Surface Texture: coarse sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	14 inches	24 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
3	24 inches	27 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 21

Soil Component Name: LAS POSAS

Soil Surface Texture: loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	11 inches	31 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.6
3	31 inches	53 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 22

Soil Component Name: ESCONDIDO

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 5.6
2	5 inches	33 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	33 inches	38 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 23

Soil Component Name: ESCONDIDO

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 5.6
2	5 inches	33 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
3	33 inches	38 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

EXECUTIVE SUMMARY

Soil Map ID: 24

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	14 inches	22 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
3	22 inches	68 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

EXECUTIVE SUMMARY

Soil Map ID: 25

Soil Component Name: LAS POSAS

Soil Surface Texture: loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	5 inches	20 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.6
3	20 inches	24 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 26

Soil Component Name: HANFORD

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

EXECUTIVE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

Soil Map ID: 27

Soil Component Name: LAS POSAS

Soil Surface Texture: loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	11 inches	29 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.6
3	29 inches	53 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 28

Soil Component Name: CIENEBA

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.1

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	14 inches	22 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 29

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	14 inches	22 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 6.1

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	22 inches	68 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 30

Soil Component Name: FRIANT

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 33 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	12 inches	16 inches	unweathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 31

Soil Component Name: LAS POSAS

Soil Surface Texture: stony loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	stony loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	5 inches	20 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	20 inches	24 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 32

Soil Component Name: GREENFIELD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	25 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	25 inches	42 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	42 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.8 Min: 6.1
4	59 inches	72 inches	stratified loamy sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

Soil Map ID: 33

Soil Component Name: VISTA

Soil Surface Texture: coarse sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	14 inches	24 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
3	24 inches	29 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 34

Soil Component Name: CAJALCO

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.1

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	12 inches	29 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.6
3	29 inches	61 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 35

Soil Component Name: GARRETSON

Soil Surface Texture: very fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 6.1

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	9 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.1

EXECUTIVE SUMMARY

SEARCH RESULTS

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

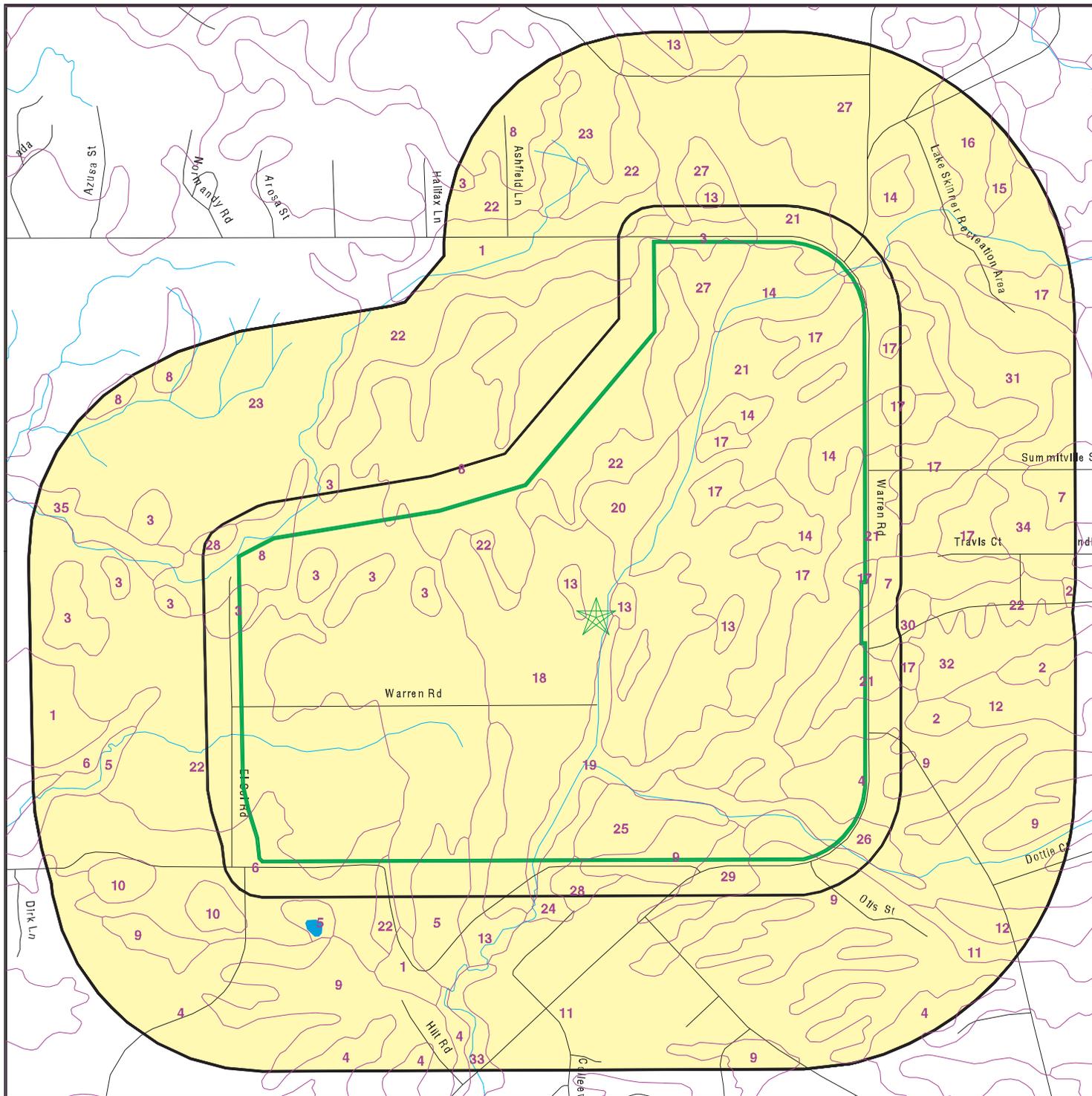
STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

HISTORICAL USE RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

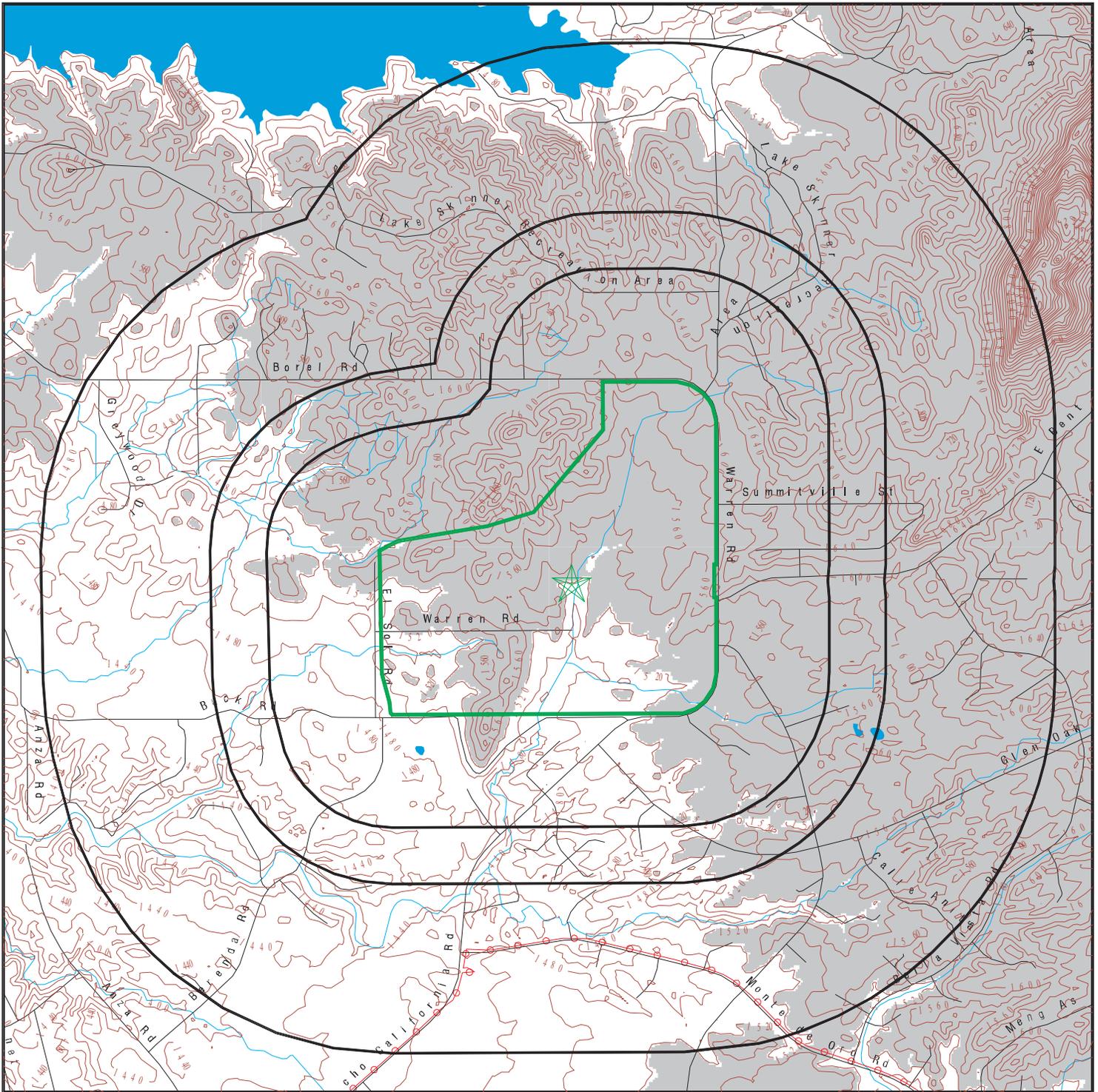
PRIMARY MAP - 4498606.1S



Target Property	0 300 1/3 1/2 Miles	Groundwater Flow Direction
Sites at elevations higher than or equal to the target property	Indian Reservations BIA	Indeterminate Groundwater Flow at Location
Sites at elevations lower than the target property	100-year flood zone	Groundwater Flow Varies at Location
Manufactured Gas Plants	500-year flood zone	SSURGO Soil
Sensitive Receptors		Areas of Concern
National Priority List Sites		
Dept. Defense Sites		

SITE NAME: Twelve Oaks Project ADDRESS: 38901 Warren Road Winchester CA 92596 LAT/LONG: 33.5604 / 117.0386	CLIENT: GeoSoils, Inc. CONTACT: Todd A. Greer INQUIRY #: 4498606.1s DATE: December 22, 2015 2:48 pm
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SECONDARY MAP - 4498606.1S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites

0 1/3 1/2 1 Miles



 Indian Reservations BIA

 Contour Lines

 Power transmission lines

 100-year flood zone

 500-year flood zone

 Upgradient Area

 Areas of Concern



SITE NAME: Twelve Oaks Project
 ADDRESS: 38901 Warren Road
 Winchester CA 92596
 LAT/LONG: 33.5604 / 117.0386

CLIENT: GeoSoils, Inc.
 CONTACT: Todd A. Greer
 INQUIRY #: 4498606.1s
 DATE: December 22, 2015 2:47 pm

AERIAL PHOTOGRAPHY - 4498606.1s



SITE NAME: Twelve Oaks Project
ADDRESS: 38901 Warren Road
Winchester CA 92596
LAT/LONG: 33.5604 / 117.0386

CLIENT: GeoSoils, Inc.
CONTACT: Todd A. Greer
INQUIRY #: 4498606.1s
DATE: December 22, 2015 2:50 pm

MAP FINDINGS

LEGEND

FACILITY NAME		FACILITY ADDRESS, CITY, ST, ZIP		EDR SITE ID NUMBER
▼ MAP ID#	Direction	Distance Range	(Distance feet / miles)	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
	Relative Elevation	Feet Above Sea Level		
Worksheet:				
Comments: Comments may be added on the online Vapor Encroachment Worksheet.				

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

RECORD SOURCES AND CURRENCY

To maintain currency of the following databases, EDR contacts the appropriate 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

PRP: Potentially Responsible Parties

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 3

Telephone: 202-564-6023

Last EDR Contact :11/13/2015

RMP: Risk Management Plans

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2015

Source: Environmental Protection Agency

Number of Days to Update: 69

Telephone: 202-564-8600

Last EDR Contact :10/26/2015

ALAMEDA CO. UST: Underground Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/09/2015

Source: Alameda County Environmental Health Services

Number of Days to Update: 37

Telephone: 510-567-6700

Last EDR Contact :10/09/2015

AST: Aboveground Petroleum Storage Tank Facilities

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009

Source: California Environmental Protection Agency

Number of Days to Update: 21

Telephone: 916-327-5092

Last EDR Contact :09/28/2015

Alameda County CS: Contaminated Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/09/2015

Source: Alameda County Environmental Health Services

Number of Days to Update: 34

Telephone: 510-567-6700

Last EDR Contact :10/09/2015

BROWNFIELDS: Considered Brownfields Sites Listing

Standard Environmental Record Source: State and tribal Brownfields sites

Search Distance: 0.333 Mile

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 06/25/2015

Source: State Water Resources Control Board

Number of Days to Update: 34

Telephone: 916-323-7905

Last EDR Contact :12/04/2015

CA BOND EXP. PLAN: Bond Expenditure Plan

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Date of Government Version: 01/01/1989

Source: Department of Health Services

Number of Days to Update: 6

Telephone: 916-255-2118

Last EDR Contact :05/31/1994

CA FID UST: Facility Inventory Database

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994

Source: California Environmental Protection Agency

Number of Days to Update: 24

Telephone: 916-341-5851

Last EDR Contact :12/28/1998

CA LA LF: City of Los Angeles Landfills

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2015

Source: Engineering & Construction Division

Number of Days to Update: 14

Telephone: 213-473-7869

Last EDR Contact :10/19/2015

CDL: Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2014

Source: Department of Toxic Substances Control

RECORD SOURCES AND CURRENCY

Number of Days to Update: 8
Last EDR Contact :10/26/2015

Telephone: 916-255-6504

CHMIRS: California Hazardous Material Incident Report System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/25/2015
Number of Days to Update: 20
Last EDR Contact :10/27/2015

Source: Office of Emergency Services
Telephone: 916-845-8400

CONTRA COSTA CO. SITE LIST: Site List

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/24/2015
Number of Days to Update: 37
Last EDR Contact :11/07/2015

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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: 09/28/2015
Number of Days to Update: 37
Last EDR Contact :09/29/2015

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400

CUPA AMADOR: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Cupa Facility List

Date of Government Version: 08/24/2015
Number of Days to Update: 35
Last EDR Contact :12/04/2015

Source: Amador County Environmental Health
Telephone: 209-223-6439

CUPA BUTTE: CUPA Facility Listing

Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list.

Date of Government Version: 11/20/2014
Number of Days to Update: 44
Last EDR Contact :12/11/2015

Source: Public Health Department
Telephone: 530-538-7149

CUPA CALVERAS: CUPA Facility Listing

Standard Environmental Record Source: Other Standard Environmental Records
Cupa Facility Listing

Date of Government Version: 10/22/2015

Source: Calveras County Environmental Health

RECORD SOURCES AND CURRENCY

Number of Days to Update: 24
Last EDR Contact :09/28/2015

Telephone: 209-754-6399

CUPA COLUSA: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list.

Date of Government Version: 06/08/2015
Number of Days to Update: 22
Last EDR Contact :11/09/2015

Source: Health & Human Services
Telephone: 530-458-0396

CUPA DEL NORTE: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Cupa Facility list

Date of Government Version: 11/16/2015
Number of Days to Update: 24
Last EDR Contact :11/13/2015

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426

CUPA EL DORADO: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
CUPA facility list.

Date of Government Version: 09/23/2015
Number of Days to Update: 20
Last EDR Contact :11/07/2015

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623

CUPA FRESNO: CUPA Resources List

Standard Environmental Record Source: Other Standard Environmental Records

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: 10/15/2015
Number of Days to Update: 32
Last EDR Contact :10/05/2015

Source: Dept. of Community Health
Telephone: 559-445-3271

CUPA HUMBOLDT: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
CUPA facility list.

Date of Government Version: 08/04/2015
Number of Days to Update: 27
Last EDR Contact :11/12/2015

Source: Humboldt County Environmental Health
Telephone: Not Reported

CUPA IMPERIAL: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list.

Date of Government Version: 10/30/2015
Number of Days to Update: 34
Last EDR Contact :10/26/2015

Source: San Diego Border Field Office
Telephone: 760-339-2777

CUPA INYO: CUPA Facility List

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list.

Date of Government Version: 09/10/2013
Number of Days to Update: 33
Last EDR Contact :11/18/2015

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238

CUPA KINGS: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/19/2015
Number of Days to Update: 18
Last EDR Contact :11/18/2015

Source: Kings County Department of Public Health
Telephone: 559-584-1411

CUPA LAKE: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list

Date of Government Version: 08/11/2015
Number of Days to Update: 20
Last EDR Contact :10/19/2015

Source: Lake County Environmental Health
Telephone: 707-263-1164

CUPA MADERA: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 09/15/2015
Number of Days to Update: 27
Last EDR Contact :11/18/2015

Source: Madera County Environmental Health
Telephone: 559-675-7823

CUPA MERCED: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
CUPA facility list.

Date of Government Version: 09/21/2015
Number of Days to Update: 42
Last EDR Contact :12/10/2015

Source: Merced County Environmental Health
Telephone: 209-381-1094

CUPA MONO: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
CUPA Facility List

Date of Government Version: 09/02/2015
Number of Days to Update: 39
Last EDR Contact :11/23/2015

Source: Mono County Health Department
Telephone: 760-932-5580

CUPA MONTEREY: CUPA Facility Listing

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/01/2015
Number of Days to Update: 66
Last EDR Contact :11/18/2015

Source: Monterey County Health Department
Telephone: 831-796-1297

CUPA NEVADA: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
CUPA facility list.

Date of Government Version: 11/16/2015
Number of Days to Update: 24
Last EDR Contact :11/06/2015

Source: Community Development Agency
Telephone: 530-265-1467

CUPA SAN LUIS OBISPO: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Cupa Facility List.

Date of Government Version: 08/25/2015
Number of Days to Update: 34
Last EDR Contact :12/04/2015

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596

CUPA SANTA BARBARA: CUPA Facility Listing

Standard Environmental Record Source: Other Standard Environmental Records
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Number of Days to Update: 28
Last EDR Contact :11/18/2015

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167

CUPA SANTA CLARA: Cupa Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list

Date of Government Version: 11/18/2015
Number of Days to Update: 17
Last EDR Contact :11/18/2015

Source: Department of Environmental Health
Telephone: 408-918-1973

CUPA SANTA CRUZ: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
CUPA facility listing.

Date of Government Version: 11/18/2015
Number of Days to Update: 18
Last EDR Contact :11/18/2015

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761

CUPA SHASTA: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Cupa Facility List.

Date of Government Version: 09/15/2015
Number of Days to Update: 49
Last EDR Contact :11/18/2015

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789

RECORD SOURCES AND CURRENCY

CUPA SONOMA: Cupa Facility List

Standard Environmental Record Source: Other Standard Environmental Records

Cupa Facility list

Date of Government Version: 09/28/2015

Source: County of Sonoma Fire & Emergency Services Department

Number of Days to Update: 36

Telephone: 707-565-1174

Last EDR Contact :09/28/2015

CUPA TUOLUMNE: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

Cupa facility list

Date of Government Version: 10/29/2015

Source: Divison of Environmental Health

Number of Days to Update: 42

Telephone: 209-533-5633

Last EDR Contact :10/26/2015

CUPA YUBA: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

CUPA facility listing for Yuba County.

Date of Government Version: 11/13/2015

Source: Yuba County Environmental Health Department

Number of Days to Update: 24

Telephone: 530-749-7523

Last EDR Contact :11/13/2015

DEED: Deed Restriction Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/08/2015

Source: DTSC and SWRCB

Number of Days to Update: 34

Telephone: 916-323-3400

Last EDR Contact :12/08/2015

DRYCLEANERS: Cleaner Facilities

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

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

Date of Government Version: 08/10/2015

Source: Department of Toxic Substance Control

Number of Days to Update: 35

Telephone: 916-327-4498

Last EDR Contact :12/17/2015

EL SEGUNDO UST: City of El Segundo Underground Storage Tank

Standard Environmental Record Source: State and tribal registered storage tank lists

RECORD SOURCES AND CURRENCY

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015

Source: City of El Segundo Fire Department

Number of Days to Update: 11

Telephone: 310-524-2236

Last EDR Contact :10/19/2015

EMI: Emissions Inventory Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2013

Source: California Air Resources Board

Number of Days to Update: 41

Telephone: 916-322-2990

Last EDR Contact :09/25/2015

ENF: Enforcement Action Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/24/2015

Source: State Water Resources Control Board

Number of Days to Update: 36

Telephone: 916-445-9379

Last EDR Contact :11/18/2015

ENVIROSTOR: EnviroStor Database

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

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: 11/07/2015

Source: Department of Toxic Substances Control

Number of Days to Update: 40

Telephone: 916-323-3400

Last EDR Contact :11/07/2015

HAULERS: Registered Waste Tire Haulers Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of registered waste tire haulers.

Date of Government Version: 09/21/2015

Source: Integrated Waste Management Board

Number of Days to Update: 44

Telephone: 916-341-6422

Last EDR Contact :11/13/2015

HAZNET: Facility and Manifest Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RECORD SOURCES AND CURRENCY

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: 12/31/2014
Number of Days to Update: 58
Last EDR Contact :10/14/2015

Source: California Environmental Protection Agency
Telephone: 916-255-1136

HIST CAL-SITES: Calsites Database

Standard Environmental Record Source: State and tribal - equivalent CERCLIS
Search Distance: 0.333 Mile

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Number of Days to Update: 21
Last EDR Contact :02/23/2009

Source: Department of Toxic Substance Control
Telephone: 916-323-3400

HIST CORTESE: Hazardous Waste & Substance Site List

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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
Number of Days to Update: 76
Last EDR Contact :01/22/2009

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

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
Number of Days to Update: 22
Last EDR Contact :03/23/2009

Source: Santa Clara Valley Water District
Telephone: 408-265-2600

HIST UST: Hazardous Substance Storage Container Database

Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Number of Days to Update: 18
Last EDR Contact :07/26/2001

Source: State Water Resources Control Board
Telephone: 916-341-5851

HWP: EnviroStor Permitted Facilities Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/24/2015

Source: Department of Toxic Substances Control

Number of Days to Update: 36

Telephone: 916-323-3400

Last EDR Contact :11/24/2015

HWT: Registered Hazardous Waste Transporter Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/27/2015

Source: Department of Toxic Substances Control

Number of Days to Update: 36

Telephone: 916-440-7145

Last EDR Contact :10/14/2015

KERN CO. UST: Underground Storage Tank Sites & Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

Kern County Sites and Tanks Listing.

Date of Government Version: 05/19/2015

Source: Kern County Environment Health Services Department

Number of Days to Update: 34

Telephone: 661-862-8700

Last EDR Contact :11/18/2015

LA Co. Site Mitigation: Site Mitigation List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 01/15/2015

Source: Community Health Services

Number of Days to Update: 40

Telephone: 323-890-7806

Last EDR Contact :10/19/2015

LDS: Land Disposal Sites Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 10/21/2015

Source: State Water Quality Control Board

Number of Days to Update: 14

Telephone: 866-480-1028

Last EDR Contact :12/14/2015

LIENS: Environmental Liens Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 09/08/2015

Source: Department of Toxic Substances Control

Number of Days to Update: 32

Telephone: 916-323-3400

RECORD SOURCES AND CURRENCY

Last EDR Contact :12/04/2015

LONG BEACH UST: City of Long Beach Underground Storage Tank

Standard Environmental Record Source: State and tribal registered storage tank lists
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 11/04/2015

Source: City of Long Beach Fire Department

Number of Days to Update: 34

Telephone: 562-570-2563

Last EDR Contact :10/26/2015

LOS ANGELES CO. HMS: HMS: Street Number List

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014

Source: Department of Public Works

Number of Days to Update: 33

Telephone: 626-458-3517

Last EDR Contact :10/09/2015

LOS ANGELES CO. LF: List of Solid Waste Facilities

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/19/2015

Source: La County Department of Public Works

Number of Days to Update: 30

Telephone: 818-458-5185

Last EDR Contact :10/20/2015

LUST: Geotracker's Leaking Underground Fuel Tank Report

Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 10/21/2015

Source: State Water Resources Control Board

Number of Days to Update: 14

Telephone: see region list

Last EDR Contact :12/14/2015

LUST REG 1: Active Toxic Site Investigation

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: California Regional Water Quality Control Board North Coast (1)

Number of Days to Update: 29

Telephone: 707-570-3769

Last EDR Contact :08/01/2011

LUST REG 2: Fuel Leak List

Standard Environmental Record Source: State and tribal leaking storage tank lists

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

RECORD SOURCES AND CURRENCY

Date of Government Version: 09/30/2004

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Number of Days to Update: 30

Telephone: 510-622-2433

Last EDR Contact :09/19/2011

LUST REG 3: Leaking Underground Storage Tank Database

Standard Environmental Record Source: State and tribal leaking storage tank lists

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003

Source: California Regional Water Quality Control Board Central Coast Region (3)

Number of Days to Update: 14

Telephone: 805-542-4786

Last EDR Contact :07/18/2011

LUST REG 4: Underground Storage Tank Leak List

Standard Environmental Record Source: State and tribal leaking storage tank lists

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Number of Days to Update: 35

Telephone: 213-576-6710

Last EDR Contact :09/06/2011

LUST REG 5: Leaking Underground Storage Tank Database

Standard Environmental Record Source: State and tribal leaking storage tank lists

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008

Source: California Regional Water Quality Control Board Central Valley Region (5)

Number of Days to Update: 9

Telephone: 916-464-4834

Last EDR Contact :07/01/2011

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003

Source: California Regional Water Quality Control Board Lahontan Region (6)

Number of Days to Update: 27

Telephone: 530-542-5572

Last EDR Contact :09/12/2011

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Number of Days to Update: 22

Telephone: 760-241-7365

Last EDR Contact :09/12/2011

LUST REG 7: Leaking Underground Storage Tank Case Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

RECORD SOURCES AND CURRENCY

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Number of Days to Update: 27

Telephone: 760-776-8943

Last EDR Contact :08/01/2011

LUST REG 8: Leaking Underground Storage Tanks

Standard Environmental Record Source: State and tribal leaking storage tank lists

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005

Source: California Regional Water Quality Control Board Santa Ana Region (8)

Number of Days to Update: 41

Telephone: 909-782-4496

Last EDR Contact :08/15/2011

LUST REG 9: Leaking Underground Storage Tank Report

Standard Environmental Record Source: State and tribal leaking storage tank lists

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001

Source: California Regional Water Quality Control Board San Diego Region (9)

Number of Days to Update: 28

Telephone: 858-637-5595

Last EDR Contact :09/26/2011

LUST SANTA CLARA: LOP Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Date of Government Version: 03/03/2014

Source: Department of Environmental Health

Number of Days to Update: 13

Telephone: 408-918-3417

Last EDR Contact :11/23/2015

MARIN CO. UST: Underground Storage Tank Sites

Standard Environmental Record Source: State and tribal registered storage tank lists

Currently permitted USTs in Marin County.

Date of Government Version: 10/05/2015

Source: Public Works Department Waste Management

Number of Days to Update: 7

Telephone: 415-499-6647

Last EDR Contact :10/05/2015

MCS: Military Cleanup Sites Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 10/21/2015

Source: State Water Resources Control Board

Number of Days to Update: 14

Telephone: 866-480-1028

Last EDR Contact :12/14/2015

MED WASTE VENTURA: Medical Waste Program List

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 09/28/2015
Number of Days to Update: 22
Last EDR Contact :10/26/2015

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813

MINES: Mines Site Location Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/14/2015
Number of Days to Update: 29
Last EDR Contact :12/17/2015

Source: Department of Conservation
Telephone: 916-322-1080

MWMP: Medical Waste Management Program Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 09/03/2015
Number of Days to Update: 33
Last EDR Contact :12/08/2015

Source: Department of Public Health
Telephone: 916-558-1784

NAPA CO. LUST: Sites With Reported Contamination

Standard Environmental Record Source: State and tribal leaking storage tank lists
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Number of Days to Update: 63
Last EDR Contact :11/23/2015

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

NAPA CO. UST: Closed and Operating Underground Storage Tank Sites

Standard Environmental Record Source: State and tribal registered storage tank lists
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Number of Days to Update: 23
Last EDR Contact :11/23/2015

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

NOTIFY 65: Proposition 65 Records

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 08/04/2015

Source: State Water Resources Control Board

RECORD SOURCES AND CURRENCY

Number of Days to Update: 41
Last EDR Contact :12/17/2015

Telephone: 916-445-3846

NPDES: NPDES Permits Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/17/2015
Number of Days to Update: 24
Last EDR Contact :11/18/2015

Source: State Water Resources Control Board
Telephone: 916-445-9379

ORANGE CO. LUST: List of Underground Storage Tank Cleanups

Standard Environmental Record Source: State and tribal leaking storage tank lists
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2015
Number of Days to Update: 32
Last EDR Contact :11/10/2015

Source: Health Care Agency
Telephone: 714-834-3446

ORANGE CO. UST: List of Underground Storage Tank Facilities

Standard Environmental Record Source: State and tribal registered storage tank lists
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/01/2015
Number of Days to Update: 36
Last EDR Contact :11/11/2015

Source: Health Care Agency
Telephone: 714-834-3446

Orange Co. Industrial Site: List of Industrial Site Cleanups

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2015
Number of Days to Update: 24
Last EDR Contact :11/10/2015

Source: Health Care Agency
Telephone: 714-834-3446

PEST LIC: Pesticide Regulation Licenses Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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: 09/08/2015
Number of Days to Update: 33
Last EDR Contact :12/08/2015

Source: Department of Pesticide Regulation
Telephone: 916-445-4038

PLACER CO. MS: Master List of Facilities

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

RECORD SOURCES AND CURRENCY

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/08/2015

Source: Placer County Health and Human Services

Number of Days to Update: 36

Telephone: 530-745-2363

Last EDR Contact :12/04/2015

PROC: Certified Processors Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of certified processors.

Date of Government Version: 09/14/2015

Source: Department of Conservation

Number of Days to Update: 29

Telephone: 916-323-3836

Last EDR Contact :12/17/2015

RESPONSE: State Response Sites

Standard Environmental Record Source: State and tribal - equivalent NPL

Search Distance: 0.333 Mile

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: 11/07/2015

Source: Department of Toxic Substances Control

Number of Days to Update: 40

Telephone: 916-323-3400

Last EDR Contact :11/07/2015

RIVERSIDE CO. LUST: Listing of Underground Tank Cleanup Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/26/2015

Source: Department of Environmental Health

Number of Days to Update: 22

Telephone: 951-358-5055

Last EDR Contact :12/17/2015

RIVERSIDE CO. UST: Underground Storage Tank Tank List

Standard Environmental Record Source: State and tribal registered storage tank lists

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/26/2015

Source: Department of Environmental Health

Number of Days to Update: 22

Telephone: 951-358-5055

Last EDR Contact :12/17/2015

SAN DIEGO CO. HMMD: Hazardous Materials Management Division Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 09/23/2013

Source: Hazardous Materials Management Division

Number of Days to Update: 23

Telephone: 619-338-2268

RECORD SOURCES AND CURRENCY

Last EDR Contact :12/04/2015

SAN DIEGO CO. LF: Solid Waste Facilities

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014

Source: Department of Health Services

Number of Days to Update: 38

Telephone: 619-338-2209

Last EDR Contact :10/26/2015

SAN DIEGO CO. SAM: Environmental Case Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010

Source: San Diego County Department of Environmental Health

Number of Days to Update: 24

Telephone: 619-338-2371

Last EDR Contact :12/04/2015

SAN FRANCISCO CO. LUST: Local Oversight Facilities

Standard Environmental Record Source: State and tribal leaking storage tank lists
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008

Source: Department Of Public Health San Francisco County

Number of Days to Update: 10

Telephone: 415-252-3920

Last EDR Contact :11/09/2015

SAN FRANCISCO CO. UST: Underground Storage Tank Information

Standard Environmental Record Source: State and tribal registered storage tank lists
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010

Source: Department of Public Health

Number of Days to Update: 5

Telephone: 415-252-3920

Last EDR Contact :11/09/2015

SAN JOSE HAZMAT: Hazardous Material Facilities

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/10/2015

Source: City of San Jose Fire Department

Number of Days to Update: 20

Telephone: 408-535-7694

Last EDR Contact :11/18/2015

SAN MATEO CO. LUST: Fuel Leak List

Standard Environmental Record Source: State and tribal leaking storage tank lists
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/16/2015

Source: San Mateo County Environmental Health Services Division

Number of Days to Update: 49

Telephone: 650-363-1921

Last EDR Contact :12/10/2015

RECORD SOURCES AND CURRENCY

SCH: School Property Evaluation Program

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 11/07/2015

Source: Department of Toxic Substances Control

Number of Days to Update: 40

Telephone: 916-323-3400

Last EDR Contact :11/07/2015

SLIC: Statewide SLIC Cases

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

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: 10/21/2015

Source: State Water Resources Control Board

Number of Days to Update: 15

Telephone: 866-480-1028

Last EDR Contact :12/14/2015

SLIC REG 1: Active Toxic Site Investigations

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: California Regional Water Quality Control Board, North Coast Region (1)

Number of Days to Update: 18

Telephone: 707-576-2220

Last EDR Contact :08/01/2011

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Number of Days to Update: 30

Telephone: 510-286-0457

Last EDR Contact :09/19/2011

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: California Regional Water Quality Control Board Central Coast Region (3)

Number of Days to Update: 28

Telephone: 805-549-3147

Last EDR Contact :07/18/2011

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

RECORD SOURCES AND CURRENCY

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

Source: Region Water Quality Control Board Los Angeles Region (4)

Number of Days to Update: 47

Telephone: 213-576-6600

Last EDR Contact :07/01/2011

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: Regional Water Quality Control Board Central Valley Region (5)

Number of Days to Update: 16

Telephone: 916-464-3291

Last EDR Contact :09/12/2011

SLIC REG 6L: SLIC Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: California Regional Water Quality Control Board, Lahontan Region

Number of Days to Update: 35

Telephone: 530-542-5574

Last EDR Contact :08/15/2011

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: Regional Water Quality Control Board, Victorville Branch

Number of Days to Update: 22

Telephone: 619-241-6583

Last EDR Contact :08/15/2011

SLIC REG 7: SLIC List

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: California Regional Quality Control Board, Colorado River Basin Region

Number of Days to Update: 36

Telephone: 760-346-7491

Last EDR Contact :08/01/2011

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: California Region Water Quality Control Board Santa Ana Region (8)

Number of Days to Update: 11

Telephone: 951-782-3298

Last EDR Contact :09/12/2011

RECORD SOURCES AND CURRENCY

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: California Regional Water Quality Control Board San Diego Region (9)

Number of Days to Update: 17

Telephone: 858-467-2980

Last EDR Contact :08/08/2011

SOLANO CO. LUST: Leaking Underground Storage Tanks

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Date of Government Version: 09/02/2015

Source: Solano County Department of Environmental Management

Number of Days to Update: 49

Telephone: 707-784-6770

Last EDR Contact :09/10/2015

SOLANO CO. UST: Underground Storage Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists

Underground storage tank sites located in Solano county.

Date of Government Version: 09/02/2015

Source: Solano County Department of Environmental Management

Number of Days to Update: 27

Telephone: 707-784-6770

Last EDR Contact :12/10/2015

SONOMA CO. LUST: Leaking Underground Storage Tank Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Date of Government Version: 10/01/2015

Source: Department of Health Services

Number of Days to Update: 34

Telephone: 707-565-6565

Last EDR Contact :09/28/2015

SUTTER CO. UST: Underground Storage Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/07/2015

Source: Sutter County Department of Agriculture

Number of Days to Update: 9

Telephone: 530-822-7500

Last EDR Contact :12/04/2015

SWEEPS UST: SWEEPS UST Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

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

Date of Government Version: 06/01/1994

Source: State Water Resources Control Board

Number of Days to Update: 35

Telephone: Not Reported

Last EDR Contact :06/03/2005

SWF/LF (SWIS): Solid Waste Information System

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

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: 08/17/2015
Number of Days to Update: 16
Last EDR Contact :11/18/2015

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320

SWRCY: Recycler Database

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

A listing of recycling facilities in California.

Date of Government Version: 09/14/2015
Number of Days to Update: 29
Last EDR Contact :12/17/2015

Source: Department of Conservation
Telephone: 916-323-3836

Sacramento Co. CS: Toxic Site Clean-Up List

Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/03/2015
Number of Days to Update: 41
Last EDR Contact :10/06/2015

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Sacramento Co. ML: Master Hazardous Materials Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/03/2015
Number of Days to Update: 31
Last EDR Contact :10/06/2015

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

San Bern. Co. Permit: Hazardous Material Permits

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/30/2015
Number of Days to Update: 7
Last EDR Contact :11/09/2015

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

San Mateo Co. BI: Business Inventory

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

RECORD SOURCES AND CURRENCY

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 10/14/2015

Source: San Mateo County Environmental Health Services Division

Number of Days to Update: 32

Telephone: 650-363-1921

Last EDR Contact :12/14/2015

TORRANCE UST: City of Torrance Underground Storage Tank

Standard Environmental Record Source: State and tribal registered storage tank lists

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/13/2015

Source: City of Torrance Fire Department

Number of Days to Update: 48

Telephone: 310-618-2973

Last EDR Contact :10/09/2015

TOXIC PITS: Toxic Pits Cleanup Act Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995

Source: State Water Resources Control Board

Number of Days to Update: 27

Telephone: 916-227-4364

Last EDR Contact :01/26/2009

UIC: UIC Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 07/23/2015

Source: Department of Conservation

Number of Days to Update: 28

Telephone: 916-445-2408

Last EDR Contact :12/18/2015

UST: Active UST Facilities

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/21/2015

Source: SWRCB

Number of Days to Update: 28

Telephone: 916-341-5851

Last EDR Contact :12/14/2015

UST MENDOCINO: Mendocino County UST Database

Standard Environmental Record Source: State and tribal registered storage tank lists

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 11/25/2015

Source: Department of Public Health

Number of Days to Update: 16

Telephone: 707-463-4466

Last EDR Contact :11/23/2015

UST SAN JOAQUIN: San Joaquin Co. UST

Standard Environmental Record Source: State and tribal registered storage tank lists

RECORD SOURCES AND CURRENCY

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/23/2015

Source: Environmental Health Department

Number of Days to Update: 20

Telephone: Not Reported

Last EDR Contact :12/17/2015

VCP: Voluntary Cleanup Program Properties

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: 0.333 Mile

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: 11/07/2015

Source: Department of Toxic Substances Control

Number of Days to Update: 40

Telephone: 916-323-3400

Last EDR Contact :11/07/2015

VENTURA CO. BWT: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 07/27/2015

Source: Ventura County Environmental Health Division

Number of Days to Update: 17

Telephone: 805-654-2813

Last EDR Contact :08/12/2015

VENTURA CO. LF: Inventory of Illegal Abandoned and Inactive Sites

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011

Source: Environmental Health Division

Number of Days to Update: 49

Telephone: 805-654-2813

Last EDR Contact :10/02/2015

VENTURA CO. LUST: Listing of Underground Tank Cleanup Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008

Source: Environmental Health Division

Number of Days to Update: 37

Telephone: 805-654-2813

Last EDR Contact :11/13/2015

VENTURA CO. UST: Underground Tank Closed Sites List

Standard Environmental Record Source: State and tribal registered storage tank lists

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/26/2015

Source: Environmental Health Division

Number of Days to Update: 30

Telephone: 805-654-2813

Last EDR Contact :12/17/2015

WDS: Waste Discharge System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RECORD SOURCES AND CURRENCY

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007

Source: State Water Resources Control Board

Number of Days to Update: 9

Telephone: 916-341-5227

Last EDR Contact :11/18/2015

WIP: Well Investigation Program Case List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009

Source: Los Angeles Water Quality Control Board

Number of Days to Update: 13

Telephone: 213-576-6726

Last EDR Contact :09/28/2015

WMUDS/SWAT: Waste Management Unit Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Date of Government Version: 04/01/2000

Source: State Water Resources Control Board

Number of Days to Update: 30

Telephone: 916-227-4448

Last EDR Contact :11/09/2015

YOLO CO. UST: Underground Storage Tank Comprehensive Facility Report

Standard Environmental Record Source: State and tribal registered storage tank lists

Underground storage tank sites located in Yolo county.

Date of Government Version: 10/19/2015

Source: Yolo County Department of Health

Number of Days to Update: 23

Telephone: 530-666-8646

Last EDR Contact :10/19/2015

2020 COR ACTION: 2020 Corrective Action Program List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013

Source: Environmental Protection Agency

Number of Days to Update: 6

Telephone: 703-308-4044

Last EDR Contact :11/13/2015

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Standard Environmental Record Source: Federal CERCLIS

Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 94

Telephone: 703-412-9810

Last EDR Contact :11/23/2015

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This 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 a potential NPL site.

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 94

Telephone: 703-412-9810

Last EDR Contact :11/23/2015

COAL ASH DOE: Steam-Electric Plant Operation Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005

Source: Department of Energy

Number of Days to Update: 76

Telephone: 202-586-8719

Last EDR Contact :07/13/2015

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014

Source: Environmental Protection Agency

Number of Days to Update: 40

Telephone: Not Reported

Last EDR Contact :12/11/2015

CONSENT: Superfund (CERCLA) Consent Decrees

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014

Source: Department of Justice, Consent Decree Library

Number of Days to Update: 46

Telephone: Varies

Last EDR Contact :09/28/2015

CORRACTS: Corrective Action Report

Standard Environmental Record Source: Federal RCRA CORRACTS facilities list

Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/09/2015

Source: EPA

Number of Days to Update: 82

Telephone: 800-424-9346

Last EDR Contact :12/18/2015

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009

Source: EPA, Region 9

Number of Days to Update: 137

Telephone: 415-947-4219

Last EDR Contact :10/26/2015

DOT OPS: Incident and Accident Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012

Source: Department of Transportation, Office of Pipeline Safety

Number of Days to Update: 42

Telephone: 202-366-4595

Last EDR Contact :11/07/2015

Delisted NPL: National Priority List Deletions

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 03/26/2015

Source: EPA

Number of Days to Update: 75

Telephone: Not Reported

Last EDR Contact :11/07/2015

EPA WATCH LIST: EPA WATCH LIST

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013

Source: Environmental Protection Agency

Number of Days to Update: 88

Telephone: 617-520-3000

Last EDR Contact :11/10/2015

ERNS: Emergency Response Notification System

Standard Environmental Record Source: Federal ERNS list

Search Distance: Property

RECORD SOURCES AND CURRENCY

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

Date of Government Version: 06/22/2015

Source: National Response Center, United States Coast Guard

Number of Days to Update: 82

Telephone: 202-267-2180

Last EDR Contact :09/29/2015

FEMA UST: Underground Storage Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010

Source: FEMA

Number of Days to Update: 55

Telephone: 202-646-5797

Last EDR Contact :10/08/2015

FINDS: Facility Index System/Facility Registry System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/20/2015

Source: EPA

Number of Days to Update: 55

Telephone: Not Reported

Last EDR Contact :12/10/2015

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Number of Days to Update: 25

Telephone: 202-566-1667

Last EDR Contact :11/18/2015

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Standard Environmental Record Source: Other Standard Environmental Records

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009

Source: EPA

Number of Days to Update: 25

Telephone: 202-566-1667

Last EDR Contact :11/18/2015

FUDS: Formerly Used Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

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

Source: U.S. Army Corps of Engineers

Number of Days to Update: 97

Telephone: 202-528-4285

Last EDR Contact :12/11/2015

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006

Source: Environmental Protection Agency

Number of Days to Update: 40

Telephone: 202-564-2501

Last EDR Contact :12/17/2007

HMIRS: Hazardous Materials Information Reporting System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2015

Source: U.S. Department of Transportation

Number of Days to Update: 68

Telephone: 202-366-4555

Last EDR Contact :09/29/2015

ICIS: Integrated Compliance Information System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 01/23/2015

Source: Environmental Protection Agency

Number of Days to Update: 31

Telephone: 202-564-5088

Last EDR Contact :10/08/2015

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/03/2015

Source: EPA Region 1

Number of Days to Update: 53

Telephone: 617-918-1313

Last EDR Contact :10/27/2015

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

RECORD SOURCES AND CURRENCY

Date of Government Version: 07/21/2015
Number of Days to Update: 76
Last EDR Contact :10/26/2015

Source: EPA Region 10
Telephone: 206-553-2857

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2015
Number of Days to Update: 67
Last EDR Contact :10/26/2015

Source: EPA Region 4
Telephone: 404-562-8677

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 07/28/2015
Number of Days to Update: 67
Last EDR Contact :10/26/2015

Source: EPA, Region 5
Telephone: 312-886-7439

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/13/2015
Number of Days to Update: 71
Last EDR Contact :10/26/2015

Source: EPA Region 6
Telephone: 214-665-6597

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/30/2015
Number of Days to Update: 55
Last EDR Contact :10/08/2015

Source: EPA Region 7
Telephone: 913-551-7003

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/30/2015
Number of Days to Update: 48
Last EDR Contact :10/08/2015

Source: EPA Region 8
Telephone: 303-312-6271

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015
Number of Days to Update: 32
Last EDR Contact :10/30/2015

Source: Environmental Protection Agency
Telephone: 415-972-3372

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

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

Search Distance: 0.333 Mile

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998

Source: Environmental Protection Agency

Number of Days to Update: 52

Telephone: 703-308-8245

Last EDR Contact :11/06/2015

INDIAN UST R1: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

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: 02/03/2015

Source: EPA, Region 1

Number of Days to Update: 53

Telephone: 617-918-1313

Last EDR Contact :10/27/2015

INDIAN UST R10: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 07/21/2015

Source: EPA Region 10

Number of Days to Update: 76

Telephone: 206-553-2857

Last EDR Contact :10/26/2015

INDIAN UST R4: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 07/30/2015

Source: EPA Region 4

Number of Days to Update: 67

Telephone: 404-562-9424

Last EDR Contact :10/26/2015

INDIAN UST R5: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/28/2015

Source: EPA Region 5

Number of Days to Update: 67

Telephone: 312-886-6136

Last EDR Contact :10/26/2015

INDIAN UST R6: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/13/2015

Source: EPA Region 6

Number of Days to Update: 71

Telephone: 214-665-7591

Last EDR Contact :10/26/2015

RECORD SOURCES AND CURRENCY

INDIAN UST R7: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014

Source: EPA Region 7

Number of Days to Update: 65

Telephone: 913-551-7003

Last EDR Contact :10/26/2015

INDIAN UST R8: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/28/2015

Source: EPA Region 8

Number of Days to Update: 60

Telephone: 303-312-6137

Last EDR Contact :07/22/2015

INDIAN UST R9: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014

Source: EPA Region 9

Number of Days to Update: 28

Telephone: 415-972-3368

Last EDR Contact :10/30/2015

INDIAN VCP R1: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: 0.333 Mile

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014

Source: EPA, Region 1

Number of Days to Update: 36

Telephone: 617-918-1102

Last EDR Contact :09/29/2015

INDIAN VCP R7: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008

Source: EPA, Region 7

Number of Days to Update: 27

Telephone: 913-551-7365

Last EDR Contact :04/20/2009

LEAD SMELTER 1: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014

Source: Environmental Protection Agency

Number of Days to Update: 64

Telephone: 703-603-8787

Last EDR Contact :10/05/2015

RECORD SOURCES AND CURRENCY

LEAD SMELTER 2: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001

Source: American Journal of Public Health

Number of Days to Update: 36

Telephone: 703-305-6451

Last EDR Contact :12/02/2009

LIENS 2: CERCLA Lien Information

Standard Environmental Record Source: Federal CERCLIS

Search Distance: Property

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014

Source: Environmental Protection Agency

Number of Days to Update: 37

Telephone: 202-564-6023

Last EDR Contact :10/30/2015

LUCIS: Land Use Control Information System

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: 0.333 Mile

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015

Source: Department of the Navy

Number of Days to Update: 13

Telephone: 843-820-7326

Last EDR Contact :11/13/2015

MLTS: Material Licensing Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/26/2015

Source: Nuclear Regulatory Commission

Number of Days to Update: 95

Telephone: 301-415-7169

Last EDR Contact :12/07/2015

NPL: National Priority List

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 03/26/2015

Source: EPA

Number of Days to Update: 75

Telephone: Not Reported

Last EDR Contact :11/07/2015

NPL Site Boundaries

RECORD SOURCES AND CURRENCY

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-566-0690

EPA Region 1
Telephone: 617-918-1102

EPA Region 2
Telephone: 212-637-4293

EPA Region 3
Telephone: 215-814-5418

EPA Region 4
Telephone: 404-562-8681

EPA Region 5
Telephone: 312-353-1063

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6118

EPA Region 9
Telephone: 415-947-4579

EPA Region 10
Telephone: 206-553-4479

NPL LIENS: Federal Superfund Liens

Standard Environmental Record Source: Federal NPL

Search Distance: Property

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

Source: EPA

Number of Days to Update: 56

Telephone: 202-564-4267

Last EDR Contact :08/15/2011

ODI: Open Dump Inventory

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985

Source: Environmental Protection Agency

Number of Days to Update: 39

Telephone: 800-424-9346

Last EDR Contact :06/09/2004

PADS: PCB Activity Database System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 07/01/2014

Source: EPA

Number of Days to Update: 33

Telephone: 202-566-0500

RECORD SOURCES AND CURRENCY

Last EDR Contact :10/29/2015

PCB TRANSFORMER: PCB Transformer Registration Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011

Source: Environmental Protection Agency

Number of Days to Update: 83

Telephone: 202-566-0517

Last EDR Contact :10/29/2015

Proposed NPL: Proposed National Priority List Sites

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 03/26/2015

Source: EPA

Number of Days to Update: 75

Telephone: Not Reported

Last EDR Contact :11/07/2015

RAATS: RCRA Administrative Action Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995

Source: EPA

Number of Days to Update: 35

Telephone: 202-564-4104

Last EDR Contact :06/02/2008

RADINFO: Radiation Information Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 07/07/2015

Source: Environmental Protection Agency

Number of Days to Update: 69

Telephone: 202-343-9775

Last EDR Contact :10/07/2015

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

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 06/09/2015

Source: Environmental Protection Agency

RECORD SOURCES AND CURRENCY

Number of Days to Update: 82
Last EDR Contact :12/18/2015

Telephone: 703-308-8895

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list
Search Distance: Property

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: 06/09/2015
Number of Days to Update: 82
Last EDR Contact :12/18/2015

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-LQG: RCRA - Large Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list
Search Distance: Property

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

Date of Government Version: 06/09/2015
Number of Days to Update: 82
Last EDR Contact :12/18/2015

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-SQG: RCRA - Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list
Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/09/2015
Number of Days to Update: 82
Last EDR Contact :12/18/2015

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

Standard Environmental Record Source: Federal RCRA TSD facilities list
Search Distance: 0.333 Mile

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

Date of Government Version: 06/09/2015
Number of Days to Update: 82
Last EDR Contact :12/18/2015

Source: Environmental Protection Agency
Telephone: 703-308-8895

ROD: Records Of Decision

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Federal NPL
Search Distance: 0.333 Mile

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013 Source: EPA
Number of Days to Update: 74 Telephone: 703-416-0223
Last EDR Contact :12/11/2015

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Source: Environmental Protection Agency
Number of Days to Update: 54 Telephone: 615-532-8599
Last EDR Contact :11/19/2015

SSTS: Section 7 Tracking Systems

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Source: EPA
Number of Days to Update: 77 Telephone: 202-564-4203
Last EDR Contact :10/26/2015

TRIS: Toxic Chemical Release Inventory System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2013 Source: EPA
Number of Days to Update: 110 Telephone: 202-566-0250
Last EDR Contact :11/24/2015

TSCA: Toxic Substances Control Act

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012 Source: EPA
Number of Days to Update: 14 Telephone: 202-260-5521
Last EDR Contact :09/25/2015

UMTRA: Uranium Mill Tailings Sites

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Source: Department of Energy
Number of Days to Update: 146 Telephone: 505-845-0011
Last EDR Contact :11/19/2015

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 07/22/2015 Source: EPA
Number of Days to Update: 40 Telephone: 202-564-2496
Last EDR Contact :09/28/2015

US AIRS MINOR: Air Facility System Data

Standard Environmental Record Source: Other Standard Environmental Records
A listing of minor source facilities.

Date of Government Version: 07/22/2015 Source: EPA
Number of Days to Update: 40 Telephone: 202-564-2496
Last EDR Contact :09/28/2015

US BROWNFIELDS: A Listing of Brownfields Sites

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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: 06/22/2015 Source: Environmental Protection Agency
Number of Days to Update: 70 Telephone: 202-566-2777
Last EDR Contact :12/21/2015

US CDL: Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

RECORD SOURCES AND CURRENCY

Date of Government Version: 08/12/2015
Number of Days to Update: 60
Last EDR Contact :11/25/2015

Source: Drug Enforcement Administration
Telephone: 202-307-1000

US ENG CONTROLS: Engineering Controls Sites List

Standard Environmental Record Source: Federal institutional controls / engineering controls registries
Search Distance: Property

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: 09/10/2015
Number of Days to Update: 53
Last EDR Contact :11/24/2015

Source: Environmental Protection Agency
Telephone: 703-603-0695

US FIN ASSUR: Financial Assurance Information

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/01/2015
Number of Days to Update: 61
Last EDR Contact :11/13/2015

Source: Environmental Protection Agency
Telephone: 202-566-1917

US HIST CDL: National Clandestine Laboratory Register

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/12/2015
Number of Days to Update: 60
Last EDR Contact :08/31/2015

Source: Drug Enforcement Administration
Telephone: 202-307-1000

US INST CONTROL: Sites with Institutional Controls

Standard Environmental Record Source: Federal institutional controls / engineering controls registries
Search Distance: Property

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: 09/10/2015
Number of Days to Update: 53
Last EDR Contact :11/24/2015

Source: Environmental Protection Agency
Telephone: 703-603-0695

US MINES: Mines Master Index File

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

RECORD SOURCES AND CURRENCY

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/14/2015

Source: Department of Labor, Mine Safety and Health Administration

Number of Days to Update: 91

Telephone: 303-231-5959

Last EDR Contact :12/03/2015

AOCCONCERN: San Gabriel Valley Areas of Concern

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

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

Number of Days to Update: 206

Telephone: 415-972-3178

Last EDR Contact :12/17/2015

DOD: Department of Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Date of Government Version: 12/31/2005

Source: USGS

Number of Days to Update: 62

Telephone: 888-275-8747

Last EDR Contact :10/16/2015

INDIAN RESERV: Indian Reservations

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005

Source: USGS

Number of Days to Update: 34

Telephone: 202-208-3710

Last EDR Contact :10/16/2015

PWS: Public Water System Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 12/17/2013

Source: EPA

Number of Days to Update: 279

Telephone: Not Reported

Last EDR Contact :12/09/2015

RECORD SOURCES AND CURRENCY

HISTORICAL USE RECORDS

RGA LF: Recovered Government Archive Solid Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

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

Date of Government Version: Not Reported

Source: Department of Resources Recycling and Recovery

Number of Days to Update: 196

Telephone: Not Reported

Last EDR Contact :06/01/2012

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: Not Reported

Source: State Water Resources Control Board

Number of Days to Update: 182

Telephone: Not Reported

Last EDR Contact :06/01/2012

EDR Hist Auto: EDR Exclusive Historic Gas Stations

Standard Environmental Record Source: Historical Gas Stations

Search Distance: 0.25 Mile

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: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

Standard Environmental Record Source: Historical Dry Cleaners

Search Distance: 0.25 Mile

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: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

EDR MGP: EDR Proprietary Manufactured Gas Plants

Standard Environmental Record Source: Former manufactured Gas Plants

Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

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: 08/28/2009

Source: EDR, Inc.

Number of Days to Update: 55

Telephone: Not Reported

Last EDR Contact :11/30/2012

RECORD SOURCES AND CURRENCY

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.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services. 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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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.

STREET AND ADDRESS INFORMATION

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Twelve Oaks Property

38901 Warren Road
Winchester, CA 92596

Inquiry Number: 4498626.1s
December 22, 2015

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600-10).

	Maximum Search Distance*	Summary		
		property	1/10	1/10 - 1/3
STANDARD ENVIRONMENTAL RECORDS				
Federal NPL	0.333	0	0	0
Federal CERCLIS	0.333	0	0	0
Federal RCRA CORRACTS facilities list	0.333	0	0	0
Federal RCRA TSD facilities list	0.333	0	0	0
Federal RCRA generators list	property	0	-	-
Federal institutional controls / engineering controls registries	0.333	0	0	0
Federal ERNS list	property	0	-	-
State and tribal - equivalent NPL	0.333	0	0	0
State and tribal - equivalent CERCLIS	0.333	0	0	0
State and tribal landfill / solid waste disposal	0.333	0	0	0
State and tribal leaking storage tank lists	0.333	0	0	0
State and tribal registered storage tank lists	property	0	-	-
State and tribal institutional control / engineering control registries	not searched	-	-	-
State and tribal voluntary cleanup sites	0.333	0	0	0
State and tribal Brownfields sites	0.333	0	0	0
Other Standard Environmental Records	0.333	0	0	0
HISTORICAL USE RECORDS				
Former manufactured Gas Plants	0.333	0	0	0
Historical Gas Stations	0.25	0	0	0
Historical Dry Cleaners	0.25	0	0	0
Exclusive Recovered Govt. Archives	property	0	-	-

*Each category may include several separate databases, each having a different search distance. For each category, the table reports the maximum search distance applied. See the section 'Record Sources and Currency' for information on individual databases.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

TWELVE OAKS PROPERTY
38901 WARREN ROAD
WINCHESTER, CA 92596

COORDINATES

Latitude (North):	33.558 - 33° 33' 28.795166"
Longitude (West):	117.0526 - 117° 3' 9.349365"
Elevation:	1485 ft. above sea level

EXECUTIVE SUMMARY

PHYSICAL SETTING INFORMATION

Flood Zone: Available
 NWI Wetlands: Available

AQUIFLOW®

Search Radius: 0.333 Mile.

No Aquiflow sites reported.

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: RAMONA
 Soil Surface Texture: sandy loam
 Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
 Soil Drainage Class: Well drained
 Hydric Status: Not hydric
 Corrosion Potential - Uncoated Steel: Moderate
 Depth to Bedrock Min: > 0 inches
 Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 5.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	14 inches	22 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
3	22 inches	68 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 2

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	14 inches	22 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
3	22 inches	68 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: HANFORD

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

EXECUTIVE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

Soil Map ID: 4

Soil Component Name: ESCONDIDO

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 5.6
2	5 inches	33 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
3	33 inches	38 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 5

Soil Component Name: PACHAPPA

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.8 Min: 6.1

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	20 inches	40 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.6
3	40 inches	62 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

Soil Map ID: 6

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 5.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	7 inches	16 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
3	16 inches	68 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
4	68 inches	74 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 7

Soil Component Name: ARLINGTON

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	11 inches	24 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.8 Min: 6.1
3	24 inches	35 inches	cemented	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: Min:
4	35 inches	46 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6

Soil Map ID: 8

Soil Component Name: ESCONDIDO

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 5.6
2	5 inches	33 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
3	33 inches	38 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 9

Soil Component Name: PLACENTIA

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.8 Min: 5.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	18 inches	38 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.6
3	38 inches	57 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.4
4	57 inches	59 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

Soil Map ID: 10

Soil Component Name: LODO

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: Low

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	7 inches	18 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 11

Soil Component Name: ARLINGTON

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	11 inches	24 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.8 Min: 6.1

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	24 inches	35 inches	cemented	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: Min:
4	35 inches	46 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6

Soil Map ID: 12

Soil Component Name: LODO

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: Low

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	7 inches	18 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 13

Soil Component Name: FRIANT

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 33 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	12 inches	16 inches	unweathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

EXECUTIVE SUMMARY

Soil Map ID: 14

Soil Component Name: LODO

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: Low

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	7 inches	18 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 15

Soil Component Name: GARRETSON

Soil Surface Texture: very fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	9 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.1

Soil Map ID: 16

Soil Component Name: ESCONDIDO

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 5.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	5 inches	33 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
3	33 inches	38 inches	unweathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 17

Soil Component Name: CIENEBA

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.1
2	14 inches	22 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

EXECUTIVE SUMMARY

Soil Map ID: 18

Soil Component Name: PLACENTIA

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.8 Min: 5.6
2	18 inches	38 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.6
3	38 inches	57 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.4
4	57 inches	59 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

EXECUTIVE SUMMARY

Soil Map ID: 19

Soil Component Name: VISTA

Soil Surface Texture: coarse sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	14 inches	24 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
3	24 inches	27 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

EXECUTIVE SUMMARY

SEARCH RESULTS

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

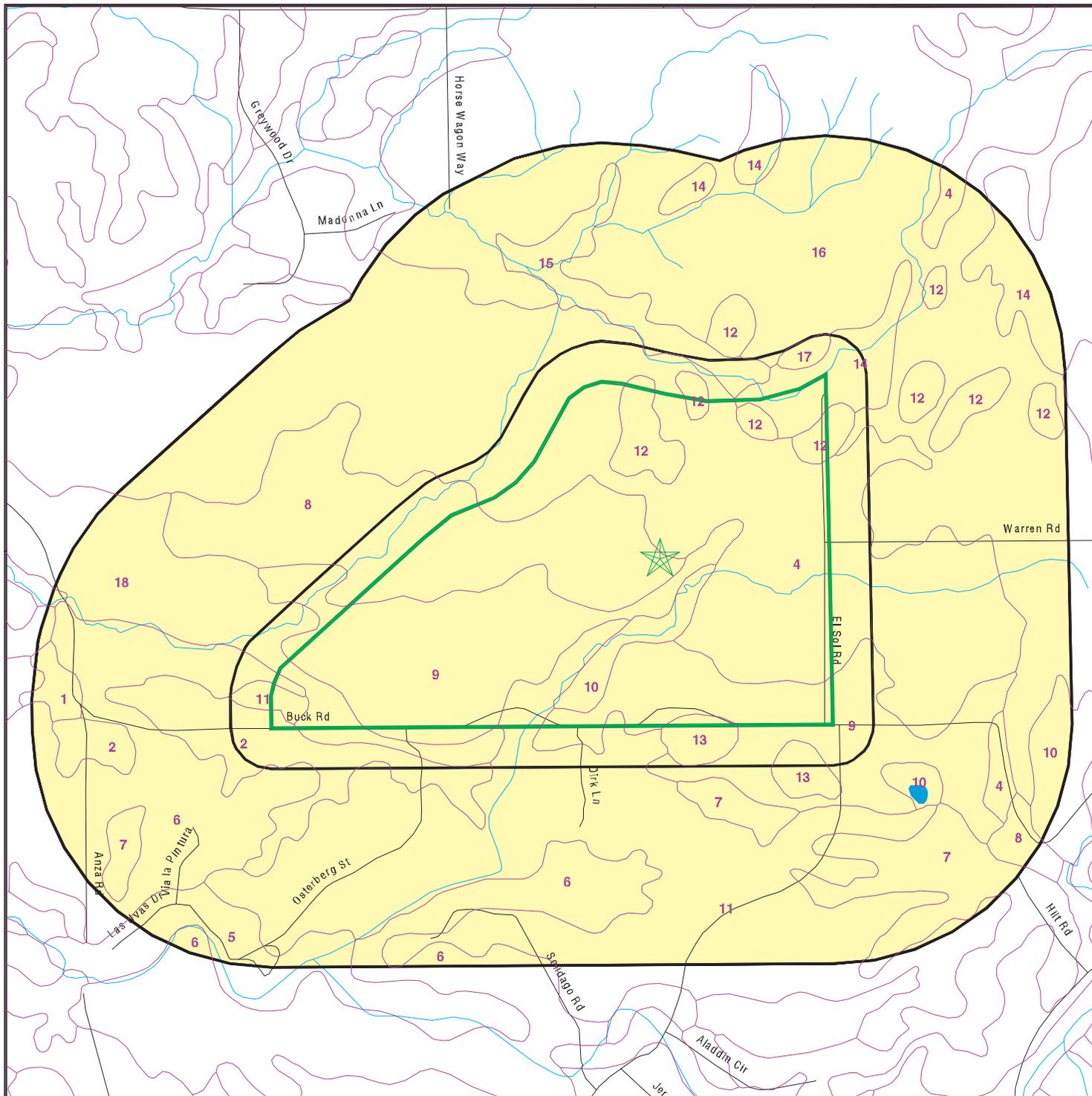
STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

HISTORICAL USE RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

PRIMARY MAP - 4498626.1S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

100-year flood zone

500-year flood zone

Groundwater Flow Direction

Indeterminate Groundwater Flow at Location

Groundwater Flow Varies at Location

SSURGO Soil

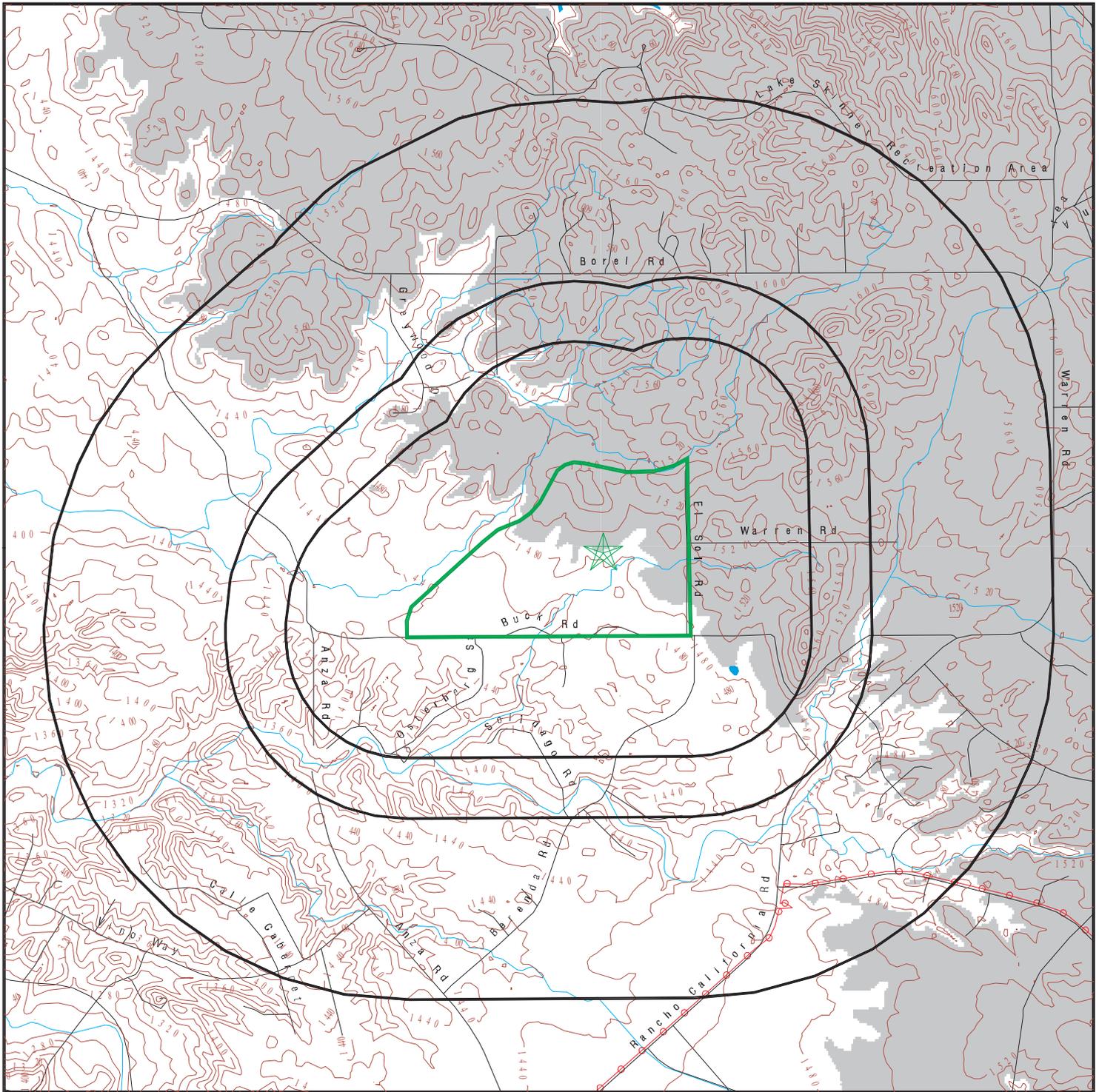
Areas of Concern



SITE NAME: Twelve Oaks Property
 ADDRESS: 38901 Warren Road
 Winchester CA 92596
 LAT/LONG: 33.558 / 117.0526

CLIENT: GeoSoils, Inc.
 CONTACT: Todd A. Greer
 INQUIRY #: 4498626.1s
 DATE: December 22, 2015 2:42 pm

SECONDARY MAP - 4498626.1S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Contour Lines

Power transmission lines

100-year flood zone

500-year flood zone

Upgradient Area

Areas of Concern



SITE NAME: Twelve Oaks Property
 ADDRESS: 38901 Warren Road
 Winchester CA 92596
 LAT/LONG: 33.558 / 117.0526

CLIENT: GeoSoils, Inc.
 CONTACT: Todd A. Greer
 INQUIRY #: 4498626.1s
 DATE: December 22, 2015 2:41 pm

AERIAL PHOTOGRAPHY - 4498626.1s



SITE NAME: Twelve Oaks Property
ADDRESS: 38901 Warren Road
Winchester CA 92596
LAT/LONG: 33.558 / 117.0526

CLIENT: GeoSoils, Inc.
CONTACT: Todd A. Greer
INQUIRY #: 4498626.1s
DATE: December 22, 2015 2:43 pm

MAP FINDINGS

LEGEND

FACILITY NAME		FACILITY ADDRESS, CITY, ST, ZIP		EDR SITE ID NUMBER
▼ MAP ID#	Direction	Distance Range	(Distance feet / miles)	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
	Relative Elevation	Feet Above Sea Level		
<p>Worksheet:</p> <p>Comments: Comments may be added on the online Vapor Encroachment Worksheet.</p>				

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

RECORD SOURCES AND CURRENCY

To maintain currency of the following databases, EDR contacts the appropriate 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

PRP: Potentially Responsible Parties

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 3

Telephone: 202-564-6023

Last EDR Contact :11/13/2015

RMP: Risk Management Plans

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2015

Source: Environmental Protection Agency

Number of Days to Update: 69

Telephone: 202-564-8600

Last EDR Contact :10/26/2015

ALAMEDA CO. UST: Underground Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/09/2015

Source: Alameda County Environmental Health Services

Number of Days to Update: 37

Telephone: 510-567-6700

Last EDR Contact :10/09/2015

AST: Aboveground Petroleum Storage Tank Facilities

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009

Source: California Environmental Protection Agency

Number of Days to Update: 21

Telephone: 916-327-5092

Last EDR Contact :09/28/2015

Alameda County CS: Contaminated Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/09/2015

Source: Alameda County Environmental Health Services

Number of Days to Update: 34

Telephone: 510-567-6700

Last EDR Contact :10/09/2015

BROWNFIELDS: Considered Brownfields Sites Listing

Standard Environmental Record Source: State and tribal Brownfields sites

Search Distance: 0.333 Mile

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 06/25/2015

Source: State Water Resources Control Board

Number of Days to Update: 34

Telephone: 916-323-7905

Last EDR Contact :12/04/2015

CA BOND EXP. PLAN: Bond Expenditure Plan

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Date of Government Version: 01/01/1989

Source: Department of Health Services

Number of Days to Update: 6

Telephone: 916-255-2118

Last EDR Contact :05/31/1994

CA FID UST: Facility Inventory Database

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994

Source: California Environmental Protection Agency

Number of Days to Update: 24

Telephone: 916-341-5851

Last EDR Contact :12/28/1998

CA LA LF: City of Los Angeles Landfills

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2015

Source: Engineering & Construction Division

Number of Days to Update: 14

Telephone: 213-473-7869

Last EDR Contact :10/19/2015

CDL: Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2014

Source: Department of Toxic Substances Control

RECORD SOURCES AND CURRENCY

Number of Days to Update: 8
Last EDR Contact :10/26/2015

Telephone: 916-255-6504

CHMIRS: California Hazardous Material Incident Report System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/25/2015
Number of Days to Update: 20
Last EDR Contact :10/27/2015

Source: Office of Emergency Services
Telephone: 916-845-8400

CONTRA COSTA CO. SITE LIST: Site List

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/24/2015
Number of Days to Update: 37
Last EDR Contact :11/07/2015

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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: 09/28/2015
Number of Days to Update: 37
Last EDR Contact :09/29/2015

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400

CUPA AMADOR: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Cupa Facility List

Date of Government Version: 08/24/2015
Number of Days to Update: 35
Last EDR Contact :12/04/2015

Source: Amador County Environmental Health
Telephone: 209-223-6439

CUPA BUTTE: CUPA Facility Listing

Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list.

Date of Government Version: 11/20/2014
Number of Days to Update: 44
Last EDR Contact :12/11/2015

Source: Public Health Department
Telephone: 530-538-7149

CUPA CALVERAS: CUPA Facility Listing

Standard Environmental Record Source: Other Standard Environmental Records
Cupa Facility Listing

Date of Government Version: 10/22/2015

Source: Calveras County Environmental Health

RECORD SOURCES AND CURRENCY

Number of Days to Update: 24
Last EDR Contact :09/28/2015

Telephone: 209-754-6399

CUPA COLUSA: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list.

Date of Government Version: 06/08/2015
Number of Days to Update: 22
Last EDR Contact :11/09/2015

Source: Health & Human Services
Telephone: 530-458-0396

CUPA DEL NORTE: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Cupa Facility list

Date of Government Version: 11/16/2015
Number of Days to Update: 24
Last EDR Contact :11/13/2015

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426

CUPA EL DORADO: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
CUPA facility list.

Date of Government Version: 09/23/2015
Number of Days to Update: 20
Last EDR Contact :11/07/2015

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623

CUPA FRESNO: CUPA Resources List

Standard Environmental Record Source: Other Standard Environmental Records

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: 10/15/2015
Number of Days to Update: 32
Last EDR Contact :10/05/2015

Source: Dept. of Community Health
Telephone: 559-445-3271

CUPA HUMBOLDT: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
CUPA facility list.

Date of Government Version: 08/04/2015
Number of Days to Update: 27
Last EDR Contact :11/12/2015

Source: Humboldt County Environmental Health
Telephone: Not Reported

CUPA IMPERIAL: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list.

Date of Government Version: 10/30/2015
Number of Days to Update: 34
Last EDR Contact :10/26/2015

Source: San Diego Border Field Office
Telephone: 760-339-2777

CUPA INYO: CUPA Facility List

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list.

Date of Government Version: 09/10/2013
Number of Days to Update: 33
Last EDR Contact :11/18/2015

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238

CUPA KINGS: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/19/2015
Number of Days to Update: 18
Last EDR Contact :11/18/2015

Source: Kings County Department of Public Health
Telephone: 559-584-1411

CUPA LAKE: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Cupa facility list

Date of Government Version: 08/11/2015
Number of Days to Update: 20
Last EDR Contact :10/19/2015

Source: Lake County Environmental Health
Telephone: 707-263-1164

CUPA MADERA: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 09/15/2015
Number of Days to Update: 27
Last EDR Contact :11/18/2015

Source: Madera County Environmental Health
Telephone: 559-675-7823

CUPA MERCED: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
CUPA facility list.

Date of Government Version: 09/21/2015
Number of Days to Update: 42
Last EDR Contact :12/10/2015

Source: Merced County Environmental Health
Telephone: 209-381-1094

CUPA MONO: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records
CUPA Facility List

Date of Government Version: 09/02/2015
Number of Days to Update: 39
Last EDR Contact :11/23/2015

Source: Mono County Health Department
Telephone: 760-932-5580

CUPA MONTEREY: CUPA Facility Listing

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/01/2015

Source: Monterey County Health Department

Number of Days to Update: 66

Telephone: 831-796-1297

Last EDR Contact :11/18/2015

CUPA NEVADA: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

CUPA facility list.

Date of Government Version: 11/16/2015

Source: Community Development Agency

Number of Days to Update: 24

Telephone: 530-265-1467

Last EDR Contact :11/06/2015

CUPA SAN LUIS OBISPO: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

Cupa Facility List.

Date of Government Version: 08/25/2015

Source: San Luis Obispo County Public Health Department

Number of Days to Update: 34

Telephone: 805-781-5596

Last EDR Contact :12/04/2015

CUPA SANTA BARBARA: CUPA Facility Listing

Standard Environmental Record Source: Other Standard Environmental Records

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011

Source: Santa Barbara County Public Health Department

Number of Days to Update: 28

Telephone: 805-686-8167

Last EDR Contact :11/18/2015

CUPA SANTA CLARA: Cupa Facility List

Standard Environmental Record Source: Other Standard Environmental Records

Cupa facility list

Date of Government Version: 11/18/2015

Source: Department of Environmental Health

Number of Days to Update: 17

Telephone: 408-918-1973

Last EDR Contact :11/18/2015

CUPA SANTA CRUZ: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

CUPA facility listing.

Date of Government Version: 11/18/2015

Source: Santa Cruz County Environmental Health

Number of Days to Update: 18

Telephone: 831-464-2761

Last EDR Contact :11/18/2015

CUPA SHASTA: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

Cupa Facility List.

Date of Government Version: 09/15/2015

Source: Shasta County Department of Resource Management

Number of Days to Update: 49

Telephone: 530-225-5789

Last EDR Contact :11/18/2015

RECORD SOURCES AND CURRENCY

CUPA SONOMA: Cupa Facility List

Standard Environmental Record Source: Other Standard Environmental Records

Cupa Facility list

Date of Government Version: 09/28/2015

Source: County of Sonoma Fire & Emergency Services Department

Number of Days to Update: 36

Telephone: 707-565-1174

Last EDR Contact :09/28/2015

CUPA TUOLUMNE: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

Cupa facility list

Date of Government Version: 10/29/2015

Source: Divison of Environmental Health

Number of Days to Update: 42

Telephone: 209-533-5633

Last EDR Contact :10/26/2015

CUPA YUBA: CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

CUPA facility listing for Yuba County.

Date of Government Version: 11/13/2015

Source: Yuba County Environmental Health Department

Number of Days to Update: 24

Telephone: 530-749-7523

Last EDR Contact :11/13/2015

DEED: Deed Restriction Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/08/2015

Source: DTSC and SWRCB

Number of Days to Update: 34

Telephone: 916-323-3400

Last EDR Contact :12/08/2015

DRYCLEANERS: Cleaner Facilities

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

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

Date of Government Version: 08/10/2015

Source: Department of Toxic Substance Control

Number of Days to Update: 35

Telephone: 916-327-4498

Last EDR Contact :12/17/2015

EL SEGUNDO UST: City of El Segundo Underground Storage Tank

Standard Environmental Record Source: State and tribal registered storage tank lists

RECORD SOURCES AND CURRENCY

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015

Source: City of El Segundo Fire Department

Number of Days to Update: 11

Telephone: 310-524-2236

Last EDR Contact :10/19/2015

EMI: Emissions Inventory Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2013

Source: California Air Resources Board

Number of Days to Update: 41

Telephone: 916-322-2990

Last EDR Contact :09/25/2015

ENF: Enforcement Action Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/24/2015

Source: State Water Resources Control Board

Number of Days to Update: 36

Telephone: 916-445-9379

Last EDR Contact :11/18/2015

ENVIROSTOR: EnviroStor Database

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

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: 11/07/2015

Source: Department of Toxic Substances Control

Number of Days to Update: 40

Telephone: 916-323-3400

Last EDR Contact :11/07/2015

HAULERS: Registered Waste Tire Haulers Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of registered waste tire haulers.

Date of Government Version: 09/21/2015

Source: Integrated Waste Management Board

Number of Days to Update: 44

Telephone: 916-341-6422

Last EDR Contact :11/13/2015

HAZNET: Facility and Manifest Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RECORD SOURCES AND CURRENCY

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: 12/31/2014

Source: California Environmental Protection Agency

Number of Days to Update: 58

Telephone: 916-255-1136

Last EDR Contact :10/14/2015

HIST CAL-SITES: Calsites Database

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005

Source: Department of Toxic Substance Control

Number of Days to Update: 21

Telephone: 916-323-3400

Last EDR Contact :02/23/2009

HIST CORTESE: Hazardous Waste & Substance Site List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Source: Department of Toxic Substances Control

Number of Days to Update: 76

Telephone: 916-323-3400

Last EDR Contact :01/22/2009

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

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

Number of Days to Update: 22

Telephone: 408-265-2600

Last EDR Contact :03/23/2009

HIST UST: Hazardous Substance Storage Container Database

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990

Source: State Water Resources Control Board

Number of Days to Update: 18

Telephone: 916-341-5851

Last EDR Contact :07/26/2001

HWP: EnviroStor Permitted Facilities Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/24/2015

Source: Department of Toxic Substances Control

Number of Days to Update: 36

Telephone: 916-323-3400

Last EDR Contact :11/24/2015

HWT: Registered Hazardous Waste Transporter Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/27/2015

Source: Department of Toxic Substances Control

Number of Days to Update: 36

Telephone: 916-440-7145

Last EDR Contact :10/14/2015

KERN CO. UST: Underground Storage Tank Sites & Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

Kern County Sites and Tanks Listing.

Date of Government Version: 05/19/2015

Source: Kern County Environment Health Services Department

Number of Days to Update: 34

Telephone: 661-862-8700

Last EDR Contact :11/18/2015

LA Co. Site Mitigation: Site Mitigation List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 01/15/2015

Source: Community Health Services

Number of Days to Update: 40

Telephone: 323-890-7806

Last EDR Contact :10/19/2015

LDS: Land Disposal Sites Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 10/21/2015

Source: State Water Quality Control Board

Number of Days to Update: 14

Telephone: 866-480-1028

Last EDR Contact :12/14/2015

LIENS: Environmental Liens Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 09/08/2015

Source: Department of Toxic Substances Control

Number of Days to Update: 32

Telephone: 916-323-3400

RECORD SOURCES AND CURRENCY

Last EDR Contact :12/04/2015

LONG BEACH UST: City of Long Beach Underground Storage Tank

Standard Environmental Record Source: State and tribal registered storage tank lists

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

Date of Government Version: 11/04/2015

Source: City of Long Beach Fire Department

Number of Days to Update: 34

Telephone: 562-570-2563

Last EDR Contact :10/26/2015

LOS ANGELES CO. HMS: HMS: Street Number List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014

Source: Department of Public Works

Number of Days to Update: 33

Telephone: 626-458-3517

Last EDR Contact :10/09/2015

LOS ANGELES CO. LF: List of Solid Waste Facilities

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/19/2015

Source: La County Department of Public Works

Number of Days to Update: 30

Telephone: 818-458-5185

Last EDR Contact :10/20/2015

LUST: Geotracker's Leaking Underground Fuel Tank Report

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 10/21/2015

Source: State Water Resources Control Board

Number of Days to Update: 14

Telephone: see region list

Last EDR Contact :12/14/2015

LUST REG 1: Active Toxic Site Investigation

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: California Regional Water Quality Control Board North Coast (1)

Number of Days to Update: 29

Telephone: 707-570-3769

Last EDR Contact :08/01/2011

LUST REG 2: Fuel Leak List

Standard Environmental Record Source: State and tribal leaking storage tank lists

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

RECORD SOURCES AND CURRENCY

Date of Government Version: 09/30/2004

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Number of Days to Update: 30

Telephone: 510-622-2433

Last EDR Contact :09/19/2011

LUST REG 3: Leaking Underground Storage Tank Database

Standard Environmental Record Source: State and tribal leaking storage tank lists

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003

Source: California Regional Water Quality Control Board Central Coast Region (3)

Number of Days to Update: 14

Telephone: 805-542-4786

Last EDR Contact :07/18/2011

LUST REG 4: Underground Storage Tank Leak List

Standard Environmental Record Source: State and tribal leaking storage tank lists

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Number of Days to Update: 35

Telephone: 213-576-6710

Last EDR Contact :09/06/2011

LUST REG 5: Leaking Underground Storage Tank Database

Standard Environmental Record Source: State and tribal leaking storage tank lists

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008

Source: California Regional Water Quality Control Board Central Valley Region (5)

Number of Days to Update: 9

Telephone: 916-464-4834

Last EDR Contact :07/01/2011

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003

Source: California Regional Water Quality Control Board Lahontan Region (6)

Number of Days to Update: 27

Telephone: 530-542-5572

Last EDR Contact :09/12/2011

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Number of Days to Update: 22

Telephone: 760-241-7365

Last EDR Contact :09/12/2011

LUST REG 7: Leaking Underground Storage Tank Case Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

RECORD SOURCES AND CURRENCY

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Number of Days to Update: 27

Telephone: 760-776-8943

Last EDR Contact :08/01/2011

LUST REG 8: Leaking Underground Storage Tanks

Standard Environmental Record Source: State and tribal leaking storage tank lists

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005

Source: California Regional Water Quality Control Board Santa Ana Region (8)

Number of Days to Update: 41

Telephone: 909-782-4496

Last EDR Contact :08/15/2011

LUST REG 9: Leaking Underground Storage Tank Report

Standard Environmental Record Source: State and tribal leaking storage tank lists

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001

Source: California Regional Water Quality Control Board San Diego Region (9)

Number of Days to Update: 28

Telephone: 858-637-5595

Last EDR Contact :09/26/2011

LUST SANTA CLARA: LOP Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Date of Government Version: 03/03/2014

Source: Department of Environmental Health

Number of Days to Update: 13

Telephone: 408-918-3417

Last EDR Contact :11/23/2015

MARIN CO. UST: Underground Storage Tank Sites

Standard Environmental Record Source: State and tribal registered storage tank lists

Currently permitted USTs in Marin County.

Date of Government Version: 10/05/2015

Source: Public Works Department Waste Management

Number of Days to Update: 7

Telephone: 415-499-6647

Last EDR Contact :10/05/2015

MCS: Military Cleanup Sites Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 10/21/2015

Source: State Water Resources Control Board

Number of Days to Update: 14

Telephone: 866-480-1028

Last EDR Contact :12/14/2015

MED WASTE VENTURA: Medical Waste Program List

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 09/28/2015
Number of Days to Update: 22
Last EDR Contact :10/26/2015

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813

MINES: Mines Site Location Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/14/2015
Number of Days to Update: 29
Last EDR Contact :12/17/2015

Source: Department of Conservation
Telephone: 916-322-1080

MWMP: Medical Waste Management Program Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 09/03/2015
Number of Days to Update: 33
Last EDR Contact :12/08/2015

Source: Department of Public Health
Telephone: 916-558-1784

NAPA CO. LUST: Sites With Reported Contamination

Standard Environmental Record Source: State and tribal leaking storage tank lists
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Number of Days to Update: 63
Last EDR Contact :11/23/2015

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

NAPA CO. UST: Closed and Operating Underground Storage Tank Sites

Standard Environmental Record Source: State and tribal registered storage tank lists
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Number of Days to Update: 23
Last EDR Contact :11/23/2015

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

NOTIFY 65: Proposition 65 Records

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 08/04/2015

Source: State Water Resources Control Board

RECORD SOURCES AND CURRENCY

Number of Days to Update: 41
Last EDR Contact :12/17/2015

Telephone: 916-445-3846

NPDES: NPDES Permits Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/17/2015
Number of Days to Update: 24
Last EDR Contact :11/18/2015

Source: State Water Resources Control Board
Telephone: 916-445-9379

ORANGE CO. LUST: List of Underground Storage Tank Cleanups

Standard Environmental Record Source: State and tribal leaking storage tank lists
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2015
Number of Days to Update: 32
Last EDR Contact :11/10/2015

Source: Health Care Agency
Telephone: 714-834-3446

ORANGE CO. UST: List of Underground Storage Tank Facilities

Standard Environmental Record Source: State and tribal registered storage tank lists
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/01/2015
Number of Days to Update: 36
Last EDR Contact :11/11/2015

Source: Health Care Agency
Telephone: 714-834-3446

Orange Co. Industrial Site: List of Industrial Site Cleanups

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2015
Number of Days to Update: 24
Last EDR Contact :11/10/2015

Source: Health Care Agency
Telephone: 714-834-3446

PEST LIC: Pesticide Regulation Licenses Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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: 09/08/2015
Number of Days to Update: 33
Last EDR Contact :12/08/2015

Source: Department of Pesticide Regulation
Telephone: 916-445-4038

PLACER CO. MS: Master List of Facilities

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

RECORD SOURCES AND CURRENCY

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/08/2015

Source: Placer County Health and Human Services

Number of Days to Update: 36

Telephone: 530-745-2363

Last EDR Contact :12/04/2015

PROC: Certified Processors Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of certified processors.

Date of Government Version: 09/14/2015

Source: Department of Conservation

Number of Days to Update: 29

Telephone: 916-323-3836

Last EDR Contact :12/17/2015

RESPONSE: State Response Sites

Standard Environmental Record Source: State and tribal - equivalent NPL

Search Distance: 0.333 Mile

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: 11/07/2015

Source: Department of Toxic Substances Control

Number of Days to Update: 40

Telephone: 916-323-3400

Last EDR Contact :11/07/2015

RIVERSIDE CO. LUST: Listing of Underground Tank Cleanup Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/26/2015

Source: Department of Environmental Health

Number of Days to Update: 22

Telephone: 951-358-5055

Last EDR Contact :12/17/2015

RIVERSIDE CO. UST: Underground Storage Tank Tank List

Standard Environmental Record Source: State and tribal registered storage tank lists

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/26/2015

Source: Department of Environmental Health

Number of Days to Update: 22

Telephone: 951-358-5055

Last EDR Contact :12/17/2015

SAN DIEGO CO. HMMD: Hazardous Materials Management Division Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 09/23/2013

Source: Hazardous Materials Management Division

Number of Days to Update: 23

Telephone: 619-338-2268

RECORD SOURCES AND CURRENCY

Last EDR Contact :12/04/2015

SAN DIEGO CO. LF: Solid Waste Facilities

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014

Source: Department of Health Services

Number of Days to Update: 38

Telephone: 619-338-2209

Last EDR Contact :10/26/2015

SAN DIEGO CO. SAM: Environmental Case Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010

Source: San Diego County Department of Environmental Health

Number of Days to Update: 24

Telephone: 619-338-2371

Last EDR Contact :12/04/2015

SAN FRANCISCO CO. LUST: Local Oversight Facilities

Standard Environmental Record Source: State and tribal leaking storage tank lists
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008

Source: Department Of Public Health San Francisco County

Number of Days to Update: 10

Telephone: 415-252-3920

Last EDR Contact :11/09/2015

SAN FRANCISCO CO. UST: Underground Storage Tank Information

Standard Environmental Record Source: State and tribal registered storage tank lists
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010

Source: Department of Public Health

Number of Days to Update: 5

Telephone: 415-252-3920

Last EDR Contact :11/09/2015

SAN JOSE HAZMAT: Hazardous Material Facilities

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/10/2015

Source: City of San Jose Fire Department

Number of Days to Update: 20

Telephone: 408-535-7694

Last EDR Contact :11/18/2015

SAN MATEO CO. LUST: Fuel Leak List

Standard Environmental Record Source: State and tribal leaking storage tank lists
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/16/2015

Source: San Mateo County Environmental Health Services Division

Number of Days to Update: 49

Telephone: 650-363-1921

Last EDR Contact :12/10/2015

RECORD SOURCES AND CURRENCY

SCH: School Property Evaluation Program

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 11/07/2015

Source: Department of Toxic Substances Control

Number of Days to Update: 40

Telephone: 916-323-3400

Last EDR Contact :11/07/2015

SLIC: Statewide SLIC Cases

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

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: 10/21/2015

Source: State Water Resources Control Board

Number of Days to Update: 15

Telephone: 866-480-1028

Last EDR Contact :12/14/2015

SLIC REG 1: Active Toxic Site Investigations

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: California Regional Water Quality Control Board, North Coast Region (1)

Number of Days to Update: 18

Telephone: 707-576-2220

Last EDR Contact :08/01/2011

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Number of Days to Update: 30

Telephone: 510-286-0457

Last EDR Contact :09/19/2011

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: California Regional Water Quality Control Board Central Coast Region (3)

Number of Days to Update: 28

Telephone: 805-549-3147

Last EDR Contact :07/18/2011

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

RECORD SOURCES AND CURRENCY

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

Source: Region Water Quality Control Board Los Angeles Region (4)

Number of Days to Update: 47

Telephone: 213-576-6600

Last EDR Contact :07/01/2011

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: Regional Water Quality Control Board Central Valley Region (5)

Number of Days to Update: 16

Telephone: 916-464-3291

Last EDR Contact :09/12/2011

SLIC REG 6L: SLIC Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: California Regional Water Quality Control Board, Lahontan Region

Number of Days to Update: 35

Telephone: 530-542-5574

Last EDR Contact :08/15/2011

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: Regional Water Quality Control Board, Victorville Branch

Number of Days to Update: 22

Telephone: 619-241-6583

Last EDR Contact :08/15/2011

SLIC REG 7: SLIC List

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: California Regional Quality Control Board, Colorado River Basin Region

Number of Days to Update: 36

Telephone: 760-346-7491

Last EDR Contact :08/01/2011

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: California Region Water Quality Control Board Santa Ana Region (8)

Number of Days to Update: 11

Telephone: 951-782-3298

Last EDR Contact :09/12/2011

RECORD SOURCES AND CURRENCY

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Source: California Regional Water Quality Control Board San Diego Region (9)

Number of Days to Update: 17

Telephone: 858-467-2980

Last EDR Contact :08/08/2011

SOLANO CO. LUST: Leaking Underground Storage Tanks

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Date of Government Version: 09/02/2015

Source: Solano County Department of Environmental Management

Number of Days to Update: 49

Telephone: 707-784-6770

Last EDR Contact :09/10/2015

SOLANO CO. UST: Underground Storage Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists

Underground storage tank sites located in Solano county.

Date of Government Version: 09/02/2015

Source: Solano County Department of Environmental Management

Number of Days to Update: 27

Telephone: 707-784-6770

Last EDR Contact :12/10/2015

SONOMA CO. LUST: Leaking Underground Storage Tank Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

Date of Government Version: 10/01/2015

Source: Department of Health Services

Number of Days to Update: 34

Telephone: 707-565-6565

Last EDR Contact :09/28/2015

SUTTER CO. UST: Underground Storage Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/07/2015

Source: Sutter County Department of Agriculture

Number of Days to Update: 9

Telephone: 530-822-7500

Last EDR Contact :12/04/2015

SWEEPS UST: SWEEPS UST Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

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

Date of Government Version: 06/01/1994

Source: State Water Resources Control Board

Number of Days to Update: 35

Telephone: Not Reported

Last EDR Contact :06/03/2005

SWF/LF (SWIS): Solid Waste Information System

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

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: 08/17/2015
Number of Days to Update: 16
Last EDR Contact : 11/18/2015

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320

SWRCY: Recycler Database

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

A listing of recycling facilities in California.

Date of Government Version: 09/14/2015
Number of Days to Update: 29
Last EDR Contact : 12/17/2015

Source: Department of Conservation
Telephone: 916-323-3836

Sacramento Co. CS: Toxic Site Clean-Up List

Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/03/2015
Number of Days to Update: 41
Last EDR Contact : 10/06/2015

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Sacramento Co. ML: Master Hazardous Materials Facility List

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/03/2015
Number of Days to Update: 31
Last EDR Contact : 10/06/2015

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

San Bern. Co. Permit: Hazardous Material Permits

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/30/2015
Number of Days to Update: 7
Last EDR Contact : 11/09/2015

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

San Mateo Co. BI: Business Inventory

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

RECORD SOURCES AND CURRENCY

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 10/14/2015

Source: San Mateo County Environmental Health Services Division

Number of Days to Update: 32

Telephone: 650-363-1921

Last EDR Contact :12/14/2015

TORRANCE UST: City of Torrance Underground Storage Tank

Standard Environmental Record Source: State and tribal registered storage tank lists

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/13/2015

Source: City of Torrance Fire Department

Number of Days to Update: 48

Telephone: 310-618-2973

Last EDR Contact :10/09/2015

TOXIC PITS: Toxic Pits Cleanup Act Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995

Source: State Water Resources Control Board

Number of Days to Update: 27

Telephone: 916-227-4364

Last EDR Contact :01/26/2009

UIC: UIC Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 07/23/2015

Source: Department of Conservation

Number of Days to Update: 28

Telephone: 916-445-2408

Last EDR Contact :12/18/2015

UST: Active UST Facilities

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/21/2015

Source: SWRCB

Number of Days to Update: 28

Telephone: 916-341-5851

Last EDR Contact :12/14/2015

UST MENDOCINO: Mendocino County UST Database

Standard Environmental Record Source: State and tribal registered storage tank lists

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 11/25/2015

Source: Department of Public Health

Number of Days to Update: 16

Telephone: 707-463-4466

Last EDR Contact :11/23/2015

UST SAN JOAQUIN: San Joaquin Co. UST

Standard Environmental Record Source: State and tribal registered storage tank lists

RECORD SOURCES AND CURRENCY

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/23/2015

Source: Environmental Health Department

Number of Days to Update: 20

Telephone: Not Reported

Last EDR Contact :12/17/2015

VCP: Voluntary Cleanup Program Properties

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: 0.333 Mile

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: 11/07/2015

Source: Department of Toxic Substances Control

Number of Days to Update: 40

Telephone: 916-323-3400

Last EDR Contact :11/07/2015

VENTURA CO. BWT: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 07/27/2015

Source: Ventura County Environmental Health Division

Number of Days to Update: 17

Telephone: 805-654-2813

Last EDR Contact :08/12/2015

VENTURA CO. LF: Inventory of Illegal Abandoned and Inactive Sites

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011

Source: Environmental Health Division

Number of Days to Update: 49

Telephone: 805-654-2813

Last EDR Contact :10/02/2015

VENTURA CO. LUST: Listing of Underground Tank Cleanup Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008

Source: Environmental Health Division

Number of Days to Update: 37

Telephone: 805-654-2813

Last EDR Contact :11/13/2015

VENTURA CO. UST: Underground Tank Closed Sites List

Standard Environmental Record Source: State and tribal registered storage tank lists

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/26/2015

Source: Environmental Health Division

Number of Days to Update: 30

Telephone: 805-654-2813

Last EDR Contact :12/17/2015

WDS: Waste Discharge System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RECORD SOURCES AND CURRENCY

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007

Source: State Water Resources Control Board

Number of Days to Update: 9

Telephone: 916-341-5227

Last EDR Contact :11/18/2015

WIP: Well Investigation Program Case List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009

Source: Los Angeles Water Quality Control Board

Number of Days to Update: 13

Telephone: 213-576-6726

Last EDR Contact :09/28/2015

WMUDS/SWAT: Waste Management Unit Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Date of Government Version: 04/01/2000

Source: State Water Resources Control Board

Number of Days to Update: 30

Telephone: 916-227-4448

Last EDR Contact :11/09/2015

YOLO CO. UST: Underground Storage Tank Comprehensive Facility Report

Standard Environmental Record Source: State and tribal registered storage tank lists

Underground storage tank sites located in Yolo county.

Date of Government Version: 10/19/2015

Source: Yolo County Department of Health

Number of Days to Update: 23

Telephone: 530-666-8646

Last EDR Contact :10/19/2015

2020 COR ACTION: 2020 Corrective Action Program List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013

Source: Environmental Protection Agency

Number of Days to Update: 6

Telephone: 703-308-4044

Last EDR Contact :11/13/2015

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Standard Environmental Record Source: Federal CERCLIS

Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 94

Telephone: 703-412-9810

Last EDR Contact :11/23/2015

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This 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 a potential NPL site.

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 94

Telephone: 703-412-9810

Last EDR Contact :11/23/2015

COAL ASH DOE: Steam-Electric Plant Operation Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005

Source: Department of Energy

Number of Days to Update: 76

Telephone: 202-586-8719

Last EDR Contact :07/13/2015

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014

Source: Environmental Protection Agency

Number of Days to Update: 40

Telephone: Not Reported

Last EDR Contact :12/11/2015

CONSENT: Superfund (CERCLA) Consent Decrees

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014

Source: Department of Justice, Consent Decree Library

Number of Days to Update: 46

Telephone: Varies

Last EDR Contact :09/28/2015

CORRACTS: Corrective Action Report

Standard Environmental Record Source: Federal RCRA CORRACTS facilities list

Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/09/2015

Source: EPA

Number of Days to Update: 82

Telephone: 800-424-9346

Last EDR Contact :12/18/2015

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009

Source: EPA, Region 9

Number of Days to Update: 137

Telephone: 415-947-4219

Last EDR Contact :10/26/2015

DOT OPS: Incident and Accident Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012

Source: Department of Transportation, Office of Pipeline Safety

Number of Days to Update: 42

Telephone: 202-366-4595

Last EDR Contact :11/07/2015

Delisted NPL: National Priority List Deletions

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 03/26/2015

Source: EPA

Number of Days to Update: 75

Telephone: Not Reported

Last EDR Contact :11/07/2015

EPA WATCH LIST: EPA WATCH LIST

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013

Source: Environmental Protection Agency

Number of Days to Update: 88

Telephone: 617-520-3000

Last EDR Contact :11/10/2015

ERNS: Emergency Response Notification System

Standard Environmental Record Source: Federal ERNS list

Search Distance: Property

RECORD SOURCES AND CURRENCY

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

Date of Government Version: 06/22/2015
Number of Days to Update: 82
Last EDR Contact :09/29/2015

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180

FEMA UST: Underground Storage Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Number of Days to Update: 55
Last EDR Contact :10/08/2015

Source: FEMA
Telephone: 202-646-5797

FINDS: Facility Index System/Facility Registry System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/20/2015
Number of Days to Update: 55
Last EDR Contact :12/10/2015

Source: EPA
Telephone: Not Reported

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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
Number of Days to Update: 25
Last EDR Contact :11/18/2015

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)

Standard Environmental Record Source: Other Standard Environmental Records
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Number of Days to Update: 25
Last EDR Contact :11/18/2015

Source: EPA
Telephone: 202-566-1667

FUDS: Formerly Used Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

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

Source: U.S. Army Corps of Engineers

Number of Days to Update: 97

Telephone: 202-528-4285

Last EDR Contact :12/11/2015

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006

Source: Environmental Protection Agency

Number of Days to Update: 40

Telephone: 202-564-2501

Last EDR Contact :12/17/2007

HMIRS: Hazardous Materials Information Reporting System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2015

Source: U.S. Department of Transportation

Number of Days to Update: 68

Telephone: 202-366-4555

Last EDR Contact :09/29/2015

ICIS: Integrated Compliance Information System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 01/23/2015

Source: Environmental Protection Agency

Number of Days to Update: 31

Telephone: 202-564-5088

Last EDR Contact :10/08/2015

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/03/2015

Source: EPA Region 1

Number of Days to Update: 53

Telephone: 617-918-1313

Last EDR Contact :10/27/2015

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

RECORD SOURCES AND CURRENCY

Date of Government Version: 07/21/2015
Number of Days to Update: 76
Last EDR Contact :10/26/2015

Source: EPA Region 10
Telephone: 206-553-2857

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2015
Number of Days to Update: 67
Last EDR Contact :10/26/2015

Source: EPA Region 4
Telephone: 404-562-8677

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 07/28/2015
Number of Days to Update: 67
Last EDR Contact :10/26/2015

Source: EPA, Region 5
Telephone: 312-886-7439

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/13/2015
Number of Days to Update: 71
Last EDR Contact :10/26/2015

Source: EPA Region 6
Telephone: 214-665-6597

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/30/2015
Number of Days to Update: 55
Last EDR Contact :10/08/2015

Source: EPA Region 7
Telephone: 913-551-7003

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/30/2015
Number of Days to Update: 48
Last EDR Contact :10/08/2015

Source: EPA Region 8
Telephone: 303-312-6271

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015
Number of Days to Update: 32
Last EDR Contact :10/30/2015

Source: Environmental Protection Agency
Telephone: 415-972-3372

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

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

Search Distance: 0.333 Mile

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998

Source: Environmental Protection Agency

Number of Days to Update: 52

Telephone: 703-308-8245

Last EDR Contact :11/06/2015

INDIAN UST R1: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

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: 02/03/2015

Source: EPA, Region 1

Number of Days to Update: 53

Telephone: 617-918-1313

Last EDR Contact :10/27/2015

INDIAN UST R10: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 07/21/2015

Source: EPA Region 10

Number of Days to Update: 76

Telephone: 206-553-2857

Last EDR Contact :10/26/2015

INDIAN UST R4: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 07/30/2015

Source: EPA Region 4

Number of Days to Update: 67

Telephone: 404-562-9424

Last EDR Contact :10/26/2015

INDIAN UST R5: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/28/2015

Source: EPA Region 5

Number of Days to Update: 67

Telephone: 312-886-6136

Last EDR Contact :10/26/2015

INDIAN UST R6: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/13/2015

Source: EPA Region 6

Number of Days to Update: 71

Telephone: 214-665-7591

Last EDR Contact :10/26/2015

RECORD SOURCES AND CURRENCY

INDIAN UST R7: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014

Source: EPA Region 7

Number of Days to Update: 65

Telephone: 913-551-7003

Last EDR Contact :10/26/2015

INDIAN UST R8: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/28/2015

Source: EPA Region 8

Number of Days to Update: 60

Telephone: 303-312-6137

Last EDR Contact :07/22/2015

INDIAN UST R9: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014

Source: EPA Region 9

Number of Days to Update: 28

Telephone: 415-972-3368

Last EDR Contact :10/30/2015

INDIAN VCP R1: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: 0.333 Mile

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014

Source: EPA, Region 1

Number of Days to Update: 36

Telephone: 617-918-1102

Last EDR Contact :09/29/2015

INDIAN VCP R7: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008

Source: EPA, Region 7

Number of Days to Update: 27

Telephone: 913-551-7365

Last EDR Contact :04/20/2009

LEAD SMELTER 1: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014

Source: Environmental Protection Agency

Number of Days to Update: 64

Telephone: 703-603-8787

Last EDR Contact :10/05/2015

RECORD SOURCES AND CURRENCY

LEAD SMELTER 2: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001

Source: American Journal of Public Health

Number of Days to Update: 36

Telephone: 703-305-6451

Last EDR Contact :12/02/2009

LIENS 2: CERCLA Lien Information

Standard Environmental Record Source: Federal CERCLIS

Search Distance: Property

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014

Source: Environmental Protection Agency

Number of Days to Update: 37

Telephone: 202-564-6023

Last EDR Contact :10/30/2015

LUCIS: Land Use Control Information System

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: 0.333 Mile

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015

Source: Department of the Navy

Number of Days to Update: 13

Telephone: 843-820-7326

Last EDR Contact :11/13/2015

MLTS: Material Licensing Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/26/2015

Source: Nuclear Regulatory Commission

Number of Days to Update: 95

Telephone: 301-415-7169

Last EDR Contact :12/07/2015

NPL: National Priority List

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 03/26/2015

Source: EPA

Number of Days to Update: 75

Telephone: Not Reported

Last EDR Contact :11/07/2015

NPL Site Boundaries

RECORD SOURCES AND CURRENCY

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-566-0690

EPA Region 1
Telephone: 617-918-1102

EPA Region 2
Telephone: 212-637-4293

EPA Region 3
Telephone: 215-814-5418

EPA Region 4
Telephone: 404-562-8681

EPA Region 5
Telephone: 312-353-1063

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6118

EPA Region 9
Telephone: 415-947-4579

EPA Region 10
Telephone: 206-553-4479

NPL LIENS: Federal Superfund Liens

Standard Environmental Record Source: Federal NPL

Search Distance: Property

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

Source: EPA

Number of Days to Update: 56

Telephone: 202-564-4267

Last EDR Contact :08/15/2011

ODI: Open Dump Inventory

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985

Source: Environmental Protection Agency

Number of Days to Update: 39

Telephone: 800-424-9346

Last EDR Contact :06/09/2004

PADS: PCB Activity Database System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 07/01/2014

Source: EPA

Number of Days to Update: 33

Telephone: 202-566-0500

RECORD SOURCES AND CURRENCY

Last EDR Contact :10/29/2015

PCB TRANSFORMER: PCB Transformer Registration Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011

Source: Environmental Protection Agency

Number of Days to Update: 83

Telephone: 202-566-0517

Last EDR Contact :10/29/2015

Proposed NPL: Proposed National Priority List Sites

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 03/26/2015

Source: EPA

Number of Days to Update: 75

Telephone: Not Reported

Last EDR Contact :11/07/2015

RAATS: RCRA Administrative Action Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995

Source: EPA

Number of Days to Update: 35

Telephone: 202-564-4104

Last EDR Contact :06/02/2008

RADINFO: Radiation Information Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 07/07/2015

Source: Environmental Protection Agency

Number of Days to Update: 69

Telephone: 202-343-9775

Last EDR Contact :10/07/2015

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

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 06/09/2015

Source: Environmental Protection Agency

RECORD SOURCES AND CURRENCY

Number of Days to Update: 82
Last EDR Contact :12/18/2015

Telephone: 703-308-8895

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list
Search Distance: Property

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: 06/09/2015
Number of Days to Update: 82
Last EDR Contact :12/18/2015

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-LQG: RCRA - Large Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list
Search Distance: Property

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

Date of Government Version: 06/09/2015
Number of Days to Update: 82
Last EDR Contact :12/18/2015

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-SQG: RCRA - Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list
Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/09/2015
Number of Days to Update: 82
Last EDR Contact :12/18/2015

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

Standard Environmental Record Source: Federal RCRA TSD facilities list
Search Distance: 0.333 Mile

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

Date of Government Version: 06/09/2015
Number of Days to Update: 82
Last EDR Contact :12/18/2015

Source: Environmental Protection Agency
Telephone: 703-308-8895

ROD: Records Of Decision

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013

Source: EPA

Number of Days to Update: 74

Telephone: 703-416-0223

Last EDR Contact :12/11/2015

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011

Source: Environmental Protection Agency

Number of Days to Update: 54

Telephone: 615-532-8599

Last EDR Contact :11/19/2015

SSTS: Section 7 Tracking Systems

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009

Source: EPA

Number of Days to Update: 77

Telephone: 202-564-4203

Last EDR Contact :10/26/2015

TRIS: Toxic Chemical Release Inventory System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2013

Source: EPA

Number of Days to Update: 110

Telephone: 202-566-0250

Last EDR Contact :11/24/2015

TSCA: Toxic Substances Control Act

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012

Source: EPA

Number of Days to Update: 14

Telephone: 202-260-5521

Last EDR Contact :09/25/2015

UMTRA: Uranium Mill Tailings Sites

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010

Source: Department of Energy

Number of Days to Update: 146

Telephone: 505-845-0011

Last EDR Contact :11/19/2015

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 07/22/2015

Source: EPA

Number of Days to Update: 40

Telephone: 202-564-2496

Last EDR Contact :09/28/2015

US AIRS MINOR: Air Facility System Data

Standard Environmental Record Source: Other Standard Environmental Records

A listing of minor source facilities.

Date of Government Version: 07/22/2015

Source: EPA

Number of Days to Update: 40

Telephone: 202-564-2496

Last EDR Contact :09/28/2015

US BROWNFIELDS: A Listing of Brownfields Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 06/22/2015

Source: Environmental Protection Agency

Number of Days to Update: 70

Telephone: 202-566-2777

Last EDR Contact :12/21/2015

US CDL: Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

RECORD SOURCES AND CURRENCY

Date of Government Version: 08/12/2015
Number of Days to Update: 60
Last EDR Contact :11/25/2015

Source: Drug Enforcement Administration
Telephone: 202-307-1000

US ENG CONTROLS: Engineering Controls Sites List

Standard Environmental Record Source: Federal institutional controls / engineering controls registries
Search Distance: Property

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: 09/10/2015
Number of Days to Update: 53
Last EDR Contact :11/24/2015

Source: Environmental Protection Agency
Telephone: 703-603-0695

US FIN ASSUR: Financial Assurance Information

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/01/2015
Number of Days to Update: 61
Last EDR Contact :11/13/2015

Source: Environmental Protection Agency
Telephone: 202-566-1917

US HIST CDL: National Clandestine Laboratory Register

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/12/2015
Number of Days to Update: 60
Last EDR Contact :08/31/2015

Source: Drug Enforcement Administration
Telephone: 202-307-1000

US INST CONTROL: Sites with Institutional Controls

Standard Environmental Record Source: Federal institutional controls / engineering controls registries
Search Distance: Property

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: 09/10/2015
Number of Days to Update: 53
Last EDR Contact :11/24/2015

Source: Environmental Protection Agency
Telephone: 703-603-0695

US MINES: Mines Master Index File

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

RECORD SOURCES AND CURRENCY

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/14/2015

Source: Department of Labor, Mine Safety and Health Administration

Number of Days to Update: 91

Telephone: 303-231-5959

Last EDR Contact :12/03/2015

AOCCONCERN: San Gabriel Valley Areas of Concern

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

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

Number of Days to Update: 206

Telephone: 415-972-3178

Last EDR Contact :12/17/2015

DOD: Department of Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Date of Government Version: 12/31/2005

Source: USGS

Number of Days to Update: 62

Telephone: 888-275-8747

Last EDR Contact :10/16/2015

INDIAN RESERV: Indian Reservations

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005

Source: USGS

Number of Days to Update: 34

Telephone: 202-208-3710

Last EDR Contact :10/16/2015

PWS: Public Water System Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 12/17/2013

Source: EPA

Number of Days to Update: 279

Telephone: Not Reported

Last EDR Contact :12/09/2015

RECORD SOURCES AND CURRENCY

HISTORICAL USE RECORDS

RGA LF: Recovered Government Archive Solid Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

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

Date of Government Version: Not Reported

Source: Department of Resources Recycling and Recovery

Number of Days to Update: 196

Telephone: Not Reported

Last EDR Contact :06/01/2012

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: Not Reported

Source: State Water Resources Control Board

Number of Days to Update: 182

Telephone: Not Reported

Last EDR Contact :06/01/2012

EDR Hist Auto: EDR Exclusive Historic Gas Stations

Standard Environmental Record Source: Historical Gas Stations

Search Distance: 0.25 Mile

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: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

Standard Environmental Record Source: Historical Dry Cleaners

Search Distance: 0.25 Mile

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: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

EDR MGP: EDR Proprietary Manufactured Gas Plants

Standard Environmental Record Source: Former manufactured Gas Plants

Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

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: 08/28/2009

Source: EDR, Inc.

Number of Days to Update: 55

Telephone: Not Reported

Last EDR Contact :11/30/2012

RECORD SOURCES AND CURRENCY

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.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services. 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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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.

STREET AND ADDRESS INFORMATION

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APPENDIX G

RESUMES

JOHN P. FRANKLIN
PRESIDENT/PRINCIPAL GEOLOGIST



EDUCATION

B. S. in Geology, 1975, University of Southern California, Los Angeles

REGISTRATION AND CERTIFICATIONS

State of California, Professional Geologist, No. 4100
State of California, Certified Engineering Geologist, No. 1340
State of California, Certified Hydrogeologist, No. 532
State of Arizona, Registered Geologist, No. 27157
State of Oregon, Registered Engineering Geologist, No. E1411
Registered Environmental Property Assessor, No. 461992 (NREP)
40-Hour/8-Hour Refresher Health and Safety Training for Hazardous Waste Operations

EXPERIENCE

Principal Geologist, GeoSoils, Inc., California
Senior Project Geologist, Owen Geotechnical, San Diego, California
Staff to Project Geologist, Leighton and Associates, San Diego, California
Staff Geologist, R. F. Smith Corporation, Long Beach, California
Staff Geologist, Petro-Tec, Anchorage, Alaska
Staff Geologist, Geological Engineering Service, Inc., Gardena, California

Mr. Franklin has extensive experience in geologic and geophysical investigations in such diverse areas as California, Utah, Nevada, Alaska, Baja California, and mainland Mexico, as well as offshore areas of California. He has performed detailed geotechnical work throughout southern California, including Los Angeles, Orange, Ventura, San Bernardino, Riverside, San Diego, and Imperial counties, as well as Kern County, and Mono County in northeastern California. This experience includes using soil stratigraphy and erosion/sedimentation rates for evaluating active and potentially active fault investigations on the San Andreas, San Jacinto, Elsinore, Chino, Cucamonga, Indio Hills, Rose Canyon - Newport-Inglewood, La Nacion, Camarillo, Pinto Mountain, Mesquite Lake, Walker Lake, and Mono Lake faults; debris flow, landslide and slope stability investigations; stability investigations for mines and open-pit mines; seismicity studies; subsidence and fissuring investigations; rippability/rock hardness evaluations; solar projects in the Mojave Desert; DEIR studies (some with active faults); forensic investigations throughout southern California, including ports/piers; and expert witness services. He has been involved with geotechnical studies in soft-rock and hard-rock sites for proposed residential, commercial and industrial developments, dams and retention basins, feasibility studies, coastal bluff stability, septic, infiltration, hazardous waste, and groundwater projects in southern California and Mexico. Mr. Franklin has been the project manager and principal investigator on geotechnical studies and grading for several large residential projects throughout San Diego, Riverside, San Bernardino and Kern counties, several high-rise commercial and residential projects in downtown San Diego, custom single-family residences throughout southern California and Los Angeles County, including beach and hillside areas, military bases at Camp Pendleton and Twentynine Palms, and roadways with infrastructure and condominiums on Catalina Island. Many projects included water tanks and reservoirs, park sites and other amenities such as clubhouses, lakes, golf courses, etc., as well as flood control channels, bridges, and cut and cover tunnels. Mr. Franklin has also been the project manager/principal investigator of oil and gas projects that include drill rig pads and substructures, associated storage tanks, and transmission pipelines. These project sites have included active oil and gas fields in Huntington Beach, Dominguez Hills, the Port of Long Beach, and Commerce, as well as DEIR studies in the Dominguez Hills oilfield.

Mr. Franklin also has performed numerous Phase I and Phase II Environmental Site Assessments, and Site Characterizations for developers, real estate transfers, and bank loan requirements. Project sites have included existing gas stations, mines, shooting ranges, clandestine explosive manufacturing, nurseries, groves, schools, commercial and industrial complexes, and residential properties.

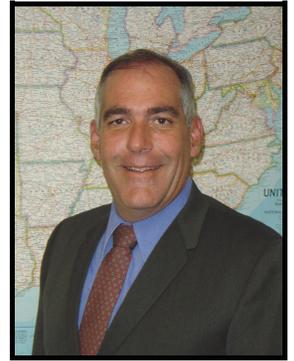
PROFESSIONAL AFFILIATIONS AND HONORS

Association of Engineering Geologists	Geological Society of America
Seismological Society of America	Past-President, San Diego Association of Geologists
Inland Geological Society	American Association of Petroleum Geologists
National Water Well Association	Sigma Gamma Epsilon (National Honorary Earth Science Fraternity)
Roy J. Shlemon Distinguished Mentor in Applied Geosciences Program, GSA, 2005	

PUBLICATIONS

Paleoseismic Features Exposed by Trenching the Lowest Coastal Terrace at Carlsbad, California, *in* AAPG Pacific Section Guidebook, June 19-22, 2002, Long Beach, California.
Paleoseismology of Blind and Offshore Faults, North Coast San Diego County, California USA, *in* Proceedings, The 11th ICSDEE and 3rd ICEGE, 7th-9th January, 2004, University of California, Berkeley.

TODD A. GREER
VICE PRESIDENT/PRINCIPAL GEOLOGIST



EDUCATION

B. S. in Geology, 1998, San Diego State University, San Diego, California.

REGISTRATION AND CERTIFICATIONS

State of California, Professional Geologist, No. 7739

State of California, Certified Engineering Geologist, No. 2377.

Professional Certificate in Hazardous Materials Management, 1994, UCSD.

Hazardous Waste Operations and Emergency Response (HAZWOPER), 40-hour OSHA Training.

HAZWOPER, 8-hour Refresher OSHA Training.

Nuclear Densometer Certified.

EXPERIENCE

Principal Geologist, GeoSoils, Inc., Murrieta, California

Senior Project Geologist, Petra Geotechnical, Temecula, California

Staff to Project Geologist, GeoSoils, Inc. Murrieta, California

Geologic and structural mapping, Agua Amarga, 1997, Bahia de Los Angeles, Baja California Mexico, Senior

Thesis Project under the direct supervision of Professor David Kimbrough, Ph.D., San Diego State University.

RESPONSIBILITIES

Mr. Greer directs and supervises preliminary geotechnical/geologic field investigations, subsurface drilling operations (large and small diameter), rough grading and hillside grading operations, geologic fault finding and landslide investigations, pavement design investigations, and pavement rehabilitation projects involving Cal-Trans "right-of-ways", and research and report preparation for geotechnical/geologic projects in the Riverside, San Bernardino and Los Angeles County areas. He has been involved with geotechnical studies in soft-rock and hard-rock sites for proposed residential, commercial and industrial developments, retention basins, feasibility studies, septic, infiltration, and hazardous waste projects in southern California.

Mr. Greer also directs and supervises Phase I and II Environmental Site Assessments (ESA's) and toxicity screening review of lands slated for future development and laboratory analyses and remediation/mitigation of hazardous materials. This includes site reconnaissance and inspection, aerial photography review and analysis, background document research and review, consultation with local and federal environmental and hazardous waste agencies, report writing and review, including findings, conclusions, and recommendations for project permitting and development.

PROFESSIONAL EXPERIENCE

Mr. Greer also has extensive experience with land use planning, hillside subdivisions, landslide investigations, liquefaction analyses, and geologic/fault investigations as they pertain to future commercial, residential, and roadway/highway development. This includes an extensive background in geologic research and review, aerial photography review and analyses, surface and subsurface geological mapping and cross-sectional illustration and analyses, rotary-wash, hollow-stem, and percussion drilling and sampling in the field to ascertain soil, bedrock, and groundwater conditions pertinent to development of the site. In addition, the evaluation and analysis of soil, bedrock, and lithologic test data, report writing and review, including findings, conclusions, and recommendations of a geotechnical/geologic nature.

PROFESSIONAL AFFILIATIONS

Member, Association of Engineering Geologists and Environmental Engineers (AEG)

Member, Inland Geological Society (IGS)

JENNIFER BAUER MORTON, PG

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EDUCATION

University of California, San Diego La Jolla, CA 2001
Bachelor of Science, Earth Sciences

EMPLOYMENT

Palomar College, San Marcos, CA 2012 to Present

Instructor, Oceanography and Geology

Teaching Oceanography and Geology courses to majors and non-majors for fulfillment of general physical science requirement. Serving as Assistant Advisor to the Geosciences Connection, the campus geosciences club.

Apex Companies, San Diego, CA 2012 to 2013

On-Call Project Geologist

Duties include groundwater monitoring well installation, soil sampling, and preparing site assessment reports and soil boring logs.

Terramar Environmental Consulting, Encinitas, CA 2009 to Present

Owner/Environmental Geologist

Providing Phase I and Phase II environmental consulting services.

Conestoga-Rovers and Associates Irvine, CA 2009 to 2011

Project Manager

Managed all aspects of environmental site assessment and remediation projects, including budgets; invoicing; writing and reviewing work plans, quarterly status reports, site assessment reports, remediation system optimization reviews, sensitive receptor surveys, and site conceptual models; managing and overseeing field work; evaluating laboratory data; reviewing historic and current geologic and environmental information; communicating with clients and regulatory agencies.

GeoTek, Inc. Vista, CA 2004 to 2007

Environmental Geologist and Project Manager

Managed environmental Phase I and Phase II site assessment projects and remediation projects. Duties included writing proposals, property mitigation plans, Phase I, Phase II and remediation reports; managing and conducting field work including drilling, soil vapor surveys, soil sampling, and a large remedial excavation; evaluating laboratory data; reviewing historic and current geologic and environmental information; communicating with clients and regulatory agencies; managing budgets.

SECOR International, Inc. San Diego, CA 2003 to 2004

Project Geologist

Conducted all aspects of environmental assessments, including review of historic and current geologic and environmental data; preparing proposals, work plans, Phase I/Phase II site assessment reports, and groundwater monitoring reports; communicating with clients and government agencies; overseeing drilling and groundwater monitoring well installations; generating soil boring logs, geologic cross-sections, and groundwater gradient maps; evaluating laboratory analytical data.

MACTEC, Inc. Irvine, CA

2001 to 2003

Staff Geologist

Duties included review of historic geologic and environmental information; writing interim remedial action plans, corrective action plans, and work plans for excavations, soil and groundwater sampling, and monitoring well installations; communicating with regulatory agencies; obtaining drilling and encroachment permits; coordinating field activities for soil and groundwater sampling and well installations; monitoring drilling projects, well installations, well development, and well abandonment; performing groundwater gauging and sampling; generating soil boring logs and geologic cross-sections; coordinating waste handling; assisting with preparation of site conceptual models; preparing site assessment and groundwater monitoring reports, groundwater gradient maps, and hydrocarbon isoconcentration maps.

PUBLICATION

Kuhn J, Legg M, Shleman R, Bauer J. Neotectonics in the North Coastal Area, San Diego County, California. *Neotectonics and Coastal Instability: Orange and Northern San Diego Counties, California*. Vol. 1.

LICENSE AND CERTIFICATIONS

State of California Professional Geologist, License No. 8617
OSHA 40-Hour HAZWOPER Training
First Aid/CPR
Defensive Driving

PROFESSIONAL AFFILIATION

San Diego Association of Geologists – 2013 Secretary