

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
LOT 13 OF TRACT 13343  
CITY OF LAKE FOREST, ORANGE COUNTY, CALIFORNIA 92630**

March 20, 2014

Project No. 1162-CR3

Prepared For:

**Meritage Homes  
1250 Corona Pointe Court, Suite 210  
Corona, California 92879**





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March 20, 2014\*  
Project No. 1162-CR3

**Meritage Homes**

1250 Corona Pointe Court, Suite 210  
Corona, California 92879

Attention: Mr. Peter Vanek

Subject: Phase I Environmental Site Assessment  
Lot 13 of Tract 13343  
City of Lake Forest, Orange County, California 92630

Dear Mr. Vanek:

GEOTEK, INC. (GEOTEK) is pleased to present this Phase I Environmental Site Assessment for the above-referenced subject Site. Services were conducted in substantial conformance with the scope and limitations of the American Society of Testing and Materials E 1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," which is approved to meet the requirements of the federal All Appropriate Inquiries (AAI) standards as set forth in the Code of Federal Regulations, Title 40, Section 312 (40 CFR 312), and GEOTEK'S Proposal No. P3-0301614, dated March 12, 2014.

This Phase I Environmental Site Assessment has not revealed evidence of an environmental condition or concern in connection with the subject Site.

We appreciate this opportunity to be of service. If you have any questions, or if we can be of further service, please contact us at (951) 710-1160.

Sincerely,  
**GEOTEK, INC.**

Edward H. LaMont  
Engineering Geologist, CEG 1892



Anna M. Scott  
Project Geologist

\* Revised on 05-12-2015 to incorporate  
comments from a city review **GEOTECHNICAL | ENVIRONMENTAL | MATERIALS**

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## **I.0 EXECUTIVE SUMMARY**

GEOTEK, INC. (GEOTEK) has performed a Phase I Environmental Site Assessment (ESA) for the subject property: Lot 13 of Tract 13343 (the "Site"), located southwest of the intersection of Alton Parkway and Commercentre Drive in the City of Lake Forest, Orange County, California. Our services were conducted in substantial conformance with the scope and limitations of the American Society of Testing and Materials (ASTM) E 1527-13, "*Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*," which is approved to meet the requirements of the federal All Appropriate Inquiries (AAI) standards as set forth in the Code of Federal Regulations, Title 40, Section 312 (40 CFR 312), and GEOTEK Proposal No. P3-0301614, dated March 12, 2014. Any additions or deletions from our scope of services are discussed in the appropriate sections of this assessment.

A representative of GEOTEK conducted a Site reconnaissance on March 19, 2014. The weather was generally warm and the sky was clear. The irregular shaped Site is comprised of two (2) parcels of land [Assessor Parcel Numbers (APNs) 610-371-02 and -05] and encompasses a total of approximately 5.62 acres. The Site can generally be accessed from Commercentre Drive. The Site is currently predominantly comprised of vacant land. A concrete driveway, an asphalt covered parking area, curbs, light poles, fencing, stockpiles of soil and a desilting basin were observed on the Site. It is our understanding that the stockpiled soils are part of a surcharge program for the underlying engineered fill and alluvium and will be removed from the Site for future development. Evidence of settlement monuments were observed on the site (i.e. white pipes).

The Site is in an area largely characterized by mixed use development (i.e. residential development, vacant land and industrial). Commercentre Drive, followed by residential development, bound the Site to the east. An industrial building with associated parking areas bound the Site to the south. Alton Parkway followed by vacant land borders the site to the north. Vacant land bounds the Site to the west. Visual evidence of hazardous substances or wastes was not generally observed. No pungent or acrid odors were observed emanating from the Site.

Based on readily available historic information, the Site appears to have been vacant and undeveloped land from at least 1938 to at least 1989. The Site is being graded in the 1994 aerial photograph. The Site appears similar to current conditions in the 2005, 2009, 2010 and 2012 aerial photographs. The surrounding properties appear to be vacant land until 1994, when the properties to the south can be observed to be graded.



The Site does not appear on the environmental database report obtained for this assessment. Three (3) adjacent facilities appear on the database report. There are fifteen (15) facilities listed on the database report within the various search distances specified by ASTM E 1527-13. These facilities are not considered to represent a recognized environmental condition to the Site due to the facility status and/or locations hydro-geologically cross-gradient.

This Phase I Environmental Site Assessment has not revealed evidence of an environmental condition or concern in connection with the subject Site.

This executive summary does not contain all the information that is found in the full report. The report should be read in its entirety to obtain a more complete understanding of the information provided and to aid in any decisions made or actions taken based on this information.

## 2.0 INTRODUCTION

GEOTEK, INC. (GEOTEK) has performed a Phase I Environmental Site Assessment (ESA) for Lot 13 of Tract 13343 (the "Site"), located in the City of Lake Forest, Orange County, California.

### 2.1 PURPOSE

The purpose of this Phase I ESA was to identify and evaluate actual and potential environmental conditions involving the subject Site. It was not the purpose of this assessment to determine the degree or extent of contamination, if any, but rather the potential for contamination.

### 2.2 SCOPE OF WORK

The Phase I ESA is a general characterization of environmental concerns based on reasonably ascertainable information and observations. GEOTEK performed the Phase I ESA in substantial accordance with ASTM E 1527-13. The following services were provided for the assessment:

- A reconnaissance of the Site and surrounding properties to visually assess current utilization and indications of potential surface contamination. This was accomplished by driving the Site boundaries, and then traversing the Site until the entire Site had been surveyed.
- A reconnaissance of the surrounding area for approximately one-half mile was conducted, without entering the properties, making observations concerning property uses, conditions, and housekeeping.
- A review of the geologic and hydro-geologic settings was conducted using reasonably ascertainable public records and documents.
- An environmental database report was obtained from a data service provider. This database report compiles and locates documented "hazardous waste" facilities within specific minimum search distances as defined by ASTM E 1527-13. If necessary, additional information on identified facilities was gathered by a file review at the appropriate federal, state, local, and/or tribal regulatory agency.
- A review of reasonably ascertainable historical records (including aerial photographs, topographic maps, building records, and city directories) was conducted to assess the

historical land utilization and indications of potential contamination or sources of contamination for the Site.

- This report was prepared, which relates the findings of this study and presents our conclusions and recommendations.

Specific items not included in this Scope of Services are soil analysis, water analysis, asbestos containing materials analysis, radon analysis, lead-based paint analysis, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, vapor intrusion, high voltage power lines, and other items not within the scope of ASTM E 1527-13.

### 2.3 SIGNIFICANT ASSUMPTIONS

Specific assumptions by GEOTEK for this assessment include:

- GEOTEK had permission to access the Site area vicinity;
- The client has provided GEOTEK with available geotechnical or environmental reports for the Site;
- The client has provided GEOTEK with known current or historic uses of hazardous materials at the Site, or with other specialized knowledge of the environmental history of the Site and surrounding area.

### 2.4 LIMITATIONS AND EXCEPTIONS

GEOTEK conducted a Phase I Environmental Site Assessment in substantial accordance with ASTM E 1527-13 and as authorized by Meritage Homes. This study does not include sampling of soil, groundwater and/or the debris on-site for environmental testing. This report is intended for the use of Meritage Homes. The contents should not be relied upon by any party other than the aforementioned without the express written consent of GEOTEK.

The findings, conclusions, and recommendations made in this report are based on the information that was made available to GEOTEK, in most instances from public records. The information is relevant to the date of our site work and should not be relied on to represent conditions at any later date. The opinions and conclusions expressed herein are based on information obtained during our assessment and on our experience and current standards of technical practice. GEOTEK makes no other warranties, either express or implied, concerning the completeness of the data furnished to us. GEOTEK cannot be responsible for conditions or

consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time our assessment was undertaken. GEOTEK is not responsible, nor liable for work, testing or recommendations performed or provided by others. This Phase I Environmental Site Assessment is not and should not be construed as a warranty or guarantee about the presence or absence of environmental hazards or contaminants, which may affect the subject site. Facts, conditions, and acceptable risk factors change with time; accordingly, this report should be viewed within this context.

Specific limitations to the scope of ASTM E 1527-13 due to contract limitations, availability of resources, and/or encountered Site conditions are discussed in the appropriate section(s) of this report.

## 2.5 SPECIAL TERMS AND CONDITIONS

This assessment report is presented as fulfilling the standard requirements of most financial institutions, governmental regulatory agencies, ASTM, and generally accepted industry standards and practices. Please refer to GEOTEK Proposal No. P3-0301614 for complete terms and conditions for this assessment.

## 2.6 RELIANCE

This assessment has been prepared for the exclusive use, and may be relied upon by, Meritage Homes and its successors and assignees. Third party reliance letters may be issued upon request and upon the payment of the, then current, fee for such letters. All third parties relying on this report, by such reliance, agree to be bound by the General Conditions and Limitations agreed to by Meritage Homes. No reliance by any party is permitted without such agreement, regardless of the content of the reliance letter itself.

### **3.0 DESCRIPTION OF SITE AND SURROUNDING AREA**

The objective of describing the Site and surrounding area is to document current conditions as observed and to obtain information which would indicate the likelihood of a recognized environmental condition in connection with the Site. A representative of GEOTEK conducted a Site reconnaissance on March 19, 2014. The weather was generally warm with clear skies. The Site can be accessed from Commercentre Drive.

#### **3.1 SITE LOCATION AND LEGAL DESCRIPTION**

The Site is located southwest of the intersection of Alton Parkway and Commercentre Drive in the City of Lake Forest, Orange County, California. According to the U.S. Geological Survey (USGS) El Toro Quadrangle topographic map (7.5-minute series), the Site is located in Section 11, Township 6 South, Range 8 West, San Bernardino Baseline and Meridian (see Figure 1 in Appendix A). The Orange County Assessor Parcel Numbers (APNs) are 610-371-02 and -05. The Site is also identified as Lot 13 of Tract No. 13343 and addressed as 25192 Commercentre Drive.

#### **3.2 SITE AND VICINITY GENERAL CHARACTERISTICS**

The Site is in an area largely characterized by mixed use development (i.e. residential development, vacant land and industrial).

#### **3.3 CURRENT PROPERTY USE**

The Site is currently predominantly comprised of vacant land. A concrete driveway, an asphalt covered parking area, curbs, light poles, fencing, stockpiles of soil and a desilting basin were observed on the Site. It is our understanding that the stockpiled soils are part of a surcharge program for the underlying engineered fill and alluvium and will be removed from the Site for future development. Evidence of settlement monuments were observed on the site (i.e. white pipes).

#### **3.4 SITE IMPROVEMENTS**

The Site is currently predominantly comprised of vacant land. A concrete driveway, an asphalt covered parking area, curbs, light poles, fencing, stockpiles of soil and a desilting basin were observed on the Site.



### 3.4.1 HAZARDOUS SUBSTANCES

GEO TEK did not observe any obvious hazardous substances or wastes on the subject property. No significant stains or discolored soil were observed. No pungent or acrid odors were observed emanating from the Site.

### 3.4.2 STORAGE TANKS

GEO TEK did not observe evidence of underground or above-ground storage tanks (such as vent pipes, fill pipes, regular-shaped depressions, etc.) on the Site.

### 3.4.3 POLY-CHLORINATED BIPHENYLS (PCB'S)

GEO TEK did not observe any suspect equipment (transformers, elevators, trash compactors, etc.), which may contain PCB's on the Site.

### 3.4.4 CONTROLLED SUBSTANCES

GEO TEK consulted the U.S. Drug Enforcement Agency (DEA) website to cross-check the Site address against published facilities subject to DEA enforcement. The Site did not appear on the list of published facilities. A copy of the DEA printout is included in Appendix B.

GEO TEK did not observe evidence of illegal or controlled substances being used or manufactured at the Site.

### 3.4.5 INDICATIONS OF SOLID WASTE DISPOSAL

Waste disposal for the Site area is believed to be provided by CR&R, Inc.

### 3.4.6 UTILITY SUPPLY

Electricity services for the Site area are provided by Southern California Edison. Water and sewer services for the Site area are provided by either the Irvine Ranch Water district, the El Toro Water District or the Trabuco Canyon Water District. Natural gas is provided for the Site area by Southern California Gas Company.

### 3.4.7 DRAINAGE

Surface drainage at the Site is generally directed toward the southwest, which generally conforms to the natural topography in the area. Standing water was not observed on the Site on the date of our reconnaissance.

### 3.4.8 OTHER CONDITIONS OF CONCERN

No visual indication of other conditions of concern that would indicate a recognized environmental condition was observed during the Site reconnaissance.

### 3.4.9 INTERVIEWS

GEO TEK interviewed the following individual while performing this assessment, in the form of completing a *User Questionnaire*:

- Mr. Peter Vanek (a representative of future ownership) completed the User Questionnaire.

Information from this interview is incorporated into the appropriate sections of this report.

## 3.5 CURRENT ADJOINING PROPERTY USE

The Site is in an area largely characterized by mixed use development (i.e. residential development, vacant land and industrial). Commercentre Drive, followed by residential development, bound the Site to the east. An industrial building with associated parking areas bound the Site to the south. Alton Parkway followed by vacant land borders the site to the north. Vacant land bounds the Site to the west. Visual evidence of hazardous substances or wastes was not generally observed. No pungent or acrid odors were observed emanating from the Site.

#### 4.0 CLIENT PROVIDED INFORMATION

As a form of interview, a representative of future Site ownership completed a “User Questionnaire” for the Site in accordance with ASTM E 1527-13. A copy of the completed questionnaire is included in Appendix B.

##### 4.1 ENVIRONMENTAL CLEAN UP LIENS

Mr. Peter Vanek is not aware of any environmental clean-up liens at the Site.

##### 4.2 ACTIVITY AND USE LIMITATIONS

Mr. Peter Vanek is not aware of an activity use limitation at the Site.

##### 4.3 SPECIALIZED KNOWLEDGE

Mr. Peter Vanek states that he has no specialized knowledge regarding the Site or adjacent properties.

##### 4.4 PURCHASE PRICE

Mr. Peter Vanek has indicated that the purchase price being paid for the Site reasonably reflects the fair market value of the Site.

##### 4.5 COMMONLY KNOWN INFORMATION

Mr. Peter Vanek is not aware of commonly known or reasonably ascertainable information regarding the Site.

##### 4.6 OBVIOUS INDICATORS OF CONTAMINATION

Mr. Peter Vanek is not aware of obvious indicators of a likely environmental impact at the Site.

##### 4.7 OWNER, PROPERTY MANAGER AND OCCUPANT INFORMATION

It is our understanding that the current Site owner and property manager is BDJ Lake Forest Associates, LP. No occupant information is available as the Site is unoccupied.



#### 4.8 REASON FOR PERFORMING PHASE I ESA

This Phase I ESA was performed at the request of Meritage Homes as part of their due diligence for future improvements on the Site.

#### 4.9 OTHER USER PROVIDER INFORMATION

GEOTEK was provided with numerous geotechnical reports for the Site from Meritage Homes (see references).

## **5.0 PROPERTY PHYSICAL SETTING**

Surface and subsurface environments are of interest because they control the movement of water-borne contaminants, which could be transported to and from the subject Site. GEOTEK reviewed information regarding the physical setting of the subject Site and immediately surrounding area.

### **5.1 REGIONAL GEOLOGY**

The subject property is situated in the Peninsular Ranges province. The Peninsular Ranges province is one of the largest geomorphic units in western North America. Basically, it extends from the Transverse Ranges geomorphic province and the Los Angeles Basin, roughly 975 miles south to the tip of Baja California. This province varies in width from about 30 to 100 miles. It is bounded on the west by the Pacific Ocean, on the south by the Gulf of California and on the east by the Colorado Desert Province.

The Peninsular Ranges are essentially a series of northwest-southeast oriented fault blocks. Three major fault zones are found in this province. The Elsinore Fault zone and the San Jacinto Fault zone trend northwest-southeast and are found in the near the middle of the province. The San Andreas Fault zone borders the northeasterly margin of the province.

### **5.2 LOCAL GEOLOGIC SETTING AND TOPOGRAPHY**

The Site is reported to be underlain by engineered fill soils, alluvium and bedrock of the Puente Formation. Additional data regarding soil survey information for the Site and Site area is also included in Appendix B. The Site area can be considered as having relatively flat terrain to gently rolling hillside terrain.

Based on the USGS topographic map for the area and documents reviewed for this assessment, the elevation of the subject Site currently ranges from approximately 570 to 620 feet above mean sea level (see Figure I, Appendix A).

### **5.3 VICINITY SURFACE DRAINAGE**

Drainage at the Site is interpreted to be dominantly directed toward the existing low spots on the Site. Water runoff is not expected to drain toward the Site from the adjacent properties due to existing improvements (streets, curbs and gutters).



According to the Federal Emergency Management Agency (FEMA), the Site is not located within a 50- or 100-year flood plain (see Appendix D).

#### 5.4 HYDROGEOLOGY

According to a review of historical groundwater data (California Department of Water Resources and California State Water Resources Control Board groundwater well data [<http://wdl.water.ca.gov> and <http://geotracker.waterboards.ca.gov>]) and in-house information, depth to groundwater is likely greater than 50 feet in the general Site area, with a flow to the southwest. Perched groundwater could be shallower.

## 6.0 ENVIRONMENTAL REGULATORY RECORDS REVIEW

The records review is conducted to help identify known recognized environmental conditions at the Site and/or on adjacent or nearby properties which may have impacted the subject Site.

### 6.1 ENVIRONMENTAL DATABASE RECORDS SEARCH

GEOTEK obtained and reviewed an environmental database report of the federal and state environmental records specified by ASTM E 1527-13. The database report was provided by Environmental Data Resources, Inc. (EDR) of Milford, Connecticut. Additionally, orphan or unmappable sites listed by EDR were reviewed for the approximate minimum search distances noted and included in our discussion, if applicable. Refer to Appendix D for a copy of the database report.

ENVIRONMENTAL DATABASE	MINIMUM SEARCH DISTANCE	SITE	ADJACENT	TOTAL LISTED
U.S. Environmental Protection Agency (USEPA) - National Priorities List (NPL), including delisted NPL	1.0 Mile	No	1	1
USEPA - Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS), including NFRAP <sup>i</sup> sites	0.5 Mile	No	1	1
USEPA – Resource Conservation and Recovery Act (RCRA), Corrective Action Facilities (CORRACTS)	1.0 Mile	No	1	1
USEPA – RCRA, Transportation, Storage, and Disposal facilities (TSD)	0.5 Mile	No	1	1
USEPA - RCRA Generators	Site and Adjacent	No	3	3
USEPA – Emergency Response Notification System (ERNS)	Site	No	N/A	N/A
Federal institutional control/engineering control registries	Site	No	N/A	N/A
California Environmental Protection Agency (CEPA) – State Response Sites (SRS, formerly Annual Work Plan and Bond Expenditure Plan)	1.0 Mile	No	0	0

<sup>i</sup> NFRAP = “No Further Remedial Action Planned”

ENVIRONMENTAL DATABASE	MINIMUM SEARCH DISTANCE	SITE	ADJACENT	TOTAL LISTED
CEPA – EnviroStor Database (formerly CALSITES)	1.0 Mile	No	0	2
CEPA – CHMIRS - California Hazardous Materials Information Reporting System	Site	No	No	0
CEPA - Solid Waste Fill/Landfill (SWF/LF), Solid Waste Assessment Test (SWAT)/Waste Management Unit Database System (WMUDS)	0.5 Mile	No	0	2
CEPA – Leaking Underground Storage Tanks (LUST)	0.5 Mile	No	0	2
CEPA – Underground Storage Tanks (UST), including historic USTs	Site and Adjacent	No	0	2
CEPA – Spills, Leaks, Investigations & Cleanup Cost Recovery Listing (SLIC)	0.5 Mile	No	0	0
State institutional control/engineering control registries	Site	No	N/A	N/A
Local and/or Tribal databases	Up To 1.0 Mile	No	0	0

N/A – Not Applicable

## 6.2 DISCUSSION OF REGULATORY RECORDS

### 6.2.1 NATIONAL PRIORITY LIST

The National Priority List (NPL) is the EPA's list of confirmed or proposed Superfund sites. Our review of this data includes sites which have been delisted from the NPL. The NPL is searched for a 1.0 mile distance.

The Site does not appear on the NPL.

There is one (1) facility on the NPL within 1.0 mile of the Site. The facility is listed as El Toro Marine Corps Air Station, located at El Toro Marine Corps Air Sta. The facility is listed as being adjacent to the Site. Although listed on the NPL and other databases, the area of the facility which has been impacted by environmental contamination is greater than one mile from



the Site, and is located hydrogeologically cross-gradient. In addition, the El Toro facility has been subdivided into smaller remedial areas for cleanup purposes, and several of these individual areas have been given “Corrective Action Terminated” status, which indicates that the area has been remediated to the satisfaction of the EPA and other agencies. Therefore, it is our opinion that this facility does not present an environmental concern to the Site.

#### 6.2.2 COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY INFORMATION SYSTEM LIST

The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) is a compilation of sites that the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances. Our review of CERCLIS sites includes No Further Remedial Action Planned (NFRAP) facilities. The CERCLIS list is searched for a 0.5 mile distance.

The Site does not appear on the CERCLIS list.

There is one (1) facility on the CERCLIS list within 0.5 mile of the Site. The facility is listed as El Toro Marine Corps Air Station, located at El Toro Marine Corps Air Sta. The facility is listed as El Toro Marine Corps Air Station, located at El Toro Marine Corps Air Sta. The facility is listed as being adjacent to the Site. Although listed on the NPL and other databases, the area of the facility which has been impacted by environmental contamination is greater than one mile from the Site, and is located hydrogeologically cross-gradient. In addition, the El Toro facility has been subdivided into smaller remedial areas for cleanup purposes, and several of these individual areas have been given “Corrective Action Terminated” status, which indicates that the area has been remediated to the satisfaction of the EPA and other agencies. Therefore, it is our opinion that this facility does not present an environmental concern to the Site.

#### 6.2.3 RESOURCE CONSERVATION AND RECOVERY ACT

The Resource Conservation and Recovery Act compile selective information on facilities which generate, transport, store, treat and or dispose of hazardous waste. RCRA facilities can be listed on one of three databases:

- *Corrective Action Facilities (CORRACTS)* are facilities undergoing corrective action. A corrective action order is issued pursuant to RCRA Section 3008(h) when there has

been a release of hazardous waste or constituents into the environment from a RCRA facility. The CORRACTS list is searched for a 1.0 mile distance.

The Site does not appear on the CORRACTS list.

There is one (1) facility on the CORRACTS list within 1.0 mile of the Site. The facility is listed as El Toro Marine Corps Air Station, located at El Toro Marine Corps Air Sta. The facility is listed as El Toro Marine Corps Air Station, located at El Toro Marine Corps Air Sta. The facility is listed as being adjacent to the Site. Although listed on the NPL and other databases, the area of the facility which has been impacted by environmental contamination is greater than one mile from the Site, and is located hydrogeologically cross-gradient. In addition, the El Toro facility has been subdivided into smaller remedial areas for cleanup purposes, and several of these individual areas have been given "Corrective Action Terminated" status, which indicates that the area has been remediated to the satisfaction of the EPA and other agencies. Therefore, it is our opinion that this facility does not present an environmental concern to the Site.

- *Transportation, Storage, and Disposal Facilities (TSD)* includes facilities that transport, store or dispose of hazardous waste and are not listed on the RCRA Generators list. The TSD is searched for a 0.5 mile distance.

The Site does not appear on the RCRA TSD list.

There is one (1) facility on the RCRA TSD list within 0.5 mile of the Site. The facility is listed as El Toro Marine Corps Air Station, located at El Toro Marine Corps Air Sta. The facility is listed as El Toro Marine Corps Air Station, located at El Toro Marine Corps Air Sta. The facility is listed as being adjacent to the Site. Although listed on the NPL and other databases, the area of the facility which has been impacted by environmental contamination is greater than one mile from the Site, and is located hydrogeologically cross-gradient. In addition, the El Toro facility has been subdivided into smaller remedial areas for cleanup purposes, and several of these individual areas have been given "Corrective Action Terminated" status, which indicates that the area has been remediated to the satisfaction of the EPA and other agencies. Therefore, it is our opinion that this facility does not present an environmental concern to the Site.

- *Generators List* identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of

reporting facilities that generate hazardous waste. The RCRA generators list is searched for the Site and adjacent properties.

The Site is not listed on the RCRA Generators list.

There are four (4) adjacent facilities listed as a RCRA Generator. The first facility is listed as Agilent Technologies Inc., located at 25200 Commercentre Drive. The facility is listed as being located less than 0.125 (0.040) mile east-southeast of the Site. The facility has received notices of violations in 2008 and 2010. The violations were not reported in the database report provided for this report. The only notations in the database report for the violation in 2010 were the date the violation was determined (i.e. 01/19/2010), the area of violation (i.e. generators – general), and the violation lead agency (i.e. State). The notations in the database report for the violations in 2008 were the dates the violations were determined (i.e. 12/02/2008 and 12/16/2008), the areas of violation (i.e. generators – general), the date of achieved compliance (i.e. 12/16/2008), the violation lead agency (i.e. State), the enforcement action (i.e. written informal) and the enforcement action date (i.e. 12/16/2008).

The second facility is listed as El Toro Marine Corps Air Station, located at El Toro Marine Corps Air Sta. The facility is listed as being located less than 0.125 (0.000) mile from the Site. The facility has received notices of violations in the 1990's.

The third facility is listed as Compression, located at 25242 Arctic Ocean Drive. The facility is listed as being located less than 0.125 (0.082) mile south-southeast of the site. The violation status is listed as “no violations found”.

The fourth facility is listed as Oakley Optical Research and Development, located at 25431 Arctic Ocean. The facility is listed as being located 0.125 to 0.25 (0.190) mile east-southeast of the Site. The violation status is listed as “no violations found”.

Due to the facility status and locations (hydro-geologically cross-gradient), these facilities do not present an environmental concern to the Site. Based on review of topographic maps for the Site and site area, drainage in the Site area is generally directed toward the southwest, which generally conforms to the natural topography in the area.

Hydrogeology is the area of geology that deals with the distribution and movement of ground water in the soil and rocks of the Earth's crust.



The drainage in the area is generally directed toward the southwest, and these sites are located to the northwest or southeast of the Site. These locations would be considered cross gradient from the Site. Hence, any affects on ground water that these facilities may possibly have would not affect the subject Site as the Site is located hydro-geologically cross gradient from these facilities.

#### 6.2.4 EMERGENCY RESPONSE NOTIFICATION SYSTEM

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil or hazardous substances. The ERNS list is searched for the Site. The Site does not appear on the ERNS list.

#### 6.2.5 FEDERAL INSTITUTIONAL CONTROL/ENGINEERING CONTROL REGISTRIES

The USEPA maintains two databases which list sites that have institutional and/or engineering controls in place as part of their operations. These databases are searched for the Site. The Site does not appear on either of these databases.

#### 6.2.6 STATE RESPONSE SITES

The State Response Sites (SRS) records are the state equivalent to the federal National Priorities List (NPL) database. The SRS is searched for a 1.0-mile distance.

The Site does not appear on the on the SRS. There were no SRS facilities listed within a 1.0-mile distance of the Site.

#### 6.2.7 ENVIROSTOR DATABASE

The EnviroStor Database (EnviroStor, formerly CALSITES) records are the state equivalent to the federal CERCLIS database. EnviroStor is searched for a 1.0 mile distance.

The Site does not appear on the EnviroStor database. There are no EnviroStor facilities listed within a 1.0 mile distance of the Site.

#### 6.2.8 CALIFORNIA HAZARDOUS MATERIAL INCIDENT REPORT SYSTEM

The California Hazardous Material Incident Report Systems (CHMIRS) is a state database used to collect information on reported hazardous materials incidents (accidental leaks and spills). The CHMIRS list is searched for a 0.25-mile distance.

The Site does not appear on the CHMIRS list. There are no CHMIRS facilities located within 0.25 mile of the Site.

#### 6.2.9 SOLID WASTE FACILITIES LIST

The Solid Waste Fill/Landfill (SWF/LF), Solid Waste Assessment Test (SWAT) and Waste Management Unit Database System (WMUDS) databases includes information pertaining to closed and open solid waste facilities operating in the state of California. The SWF/LF, SWAT and WMUDS databases are searched for a 0.5-mile distance.

The Site does not appear on the SWF/LF, SWAT or WMUDS lists.

There is one (1) facility listed on the SWAT/WMUDS list within 0.5-mile of the Site. The facility is listed as Greenwaste, R&S Soil Product, located at 20200 Bake Parkway. The facility is listed as being located 0.25 to 0.5 (0.274) mile east-southeast of the Site. Due to the facility location (cross-gradient), this facility does not present an environmental concern to the Site.

There is one (1) facility listed on the SWF/LF list within 0.5-mile of the Site. The facility is listed as Musick Branch Jail, located at 13502 Musick Road. The facility is listed as being located 0.25 to 0.5 (0.483) mile southwest of the Site. The operational status is listed as "closed." Due to the facility status and location (down-gradient), this facility does not present an environmental concern to the Site.

#### 6.2.10 LEAKING UNDERGROUND STORAGE TANKS LIST

The California Leaking Underground Storage Tanks (LUST) list is a compilation of petroleum storage tank sites that have reported a release. The LUST list is searched for a 0.5 mile distance.

The Site did not appear on the LUST list.

There are two (2) nearby facilities listed as being on the LUST list within 0.5 mile of the Site. Both facilities are listed as Musick Branch Jail and are listed as being located at 13502 Musick Road. The facility is listed as being located 0.25 to 0.5 (0.483) mile southwest of the Site. The facility status is listed as “open-remediation”. Based on the facility status, the facility is not considered to present an environmental concern to the subject Site.

#### 6.2.11 UNDERGROUND STORAGE TANKS LIST

The California Underground Storage Tank (UST) list is a compilation of petroleum storage tank sites that are registered with the state of California. The UST list is searched for the Site and adjacent properties.

The Site did not appear on the UST list. There are no nearby facilities listed as being on the UST list within 0.25 mile of the Site.

#### 6.2.12 SPILLS, LEAKS, INVESTIGATION AND CLEANUP COST RECOVERY LISTING (SLIC)

The SLIC database is compiled by the CEPA California Regional Water Quality Control Board, San Diego Region. It is designed to protect and restore water quality from spills, leaks, and similar discharges. The SLIC is searched for a 0.5 mile distance.

The Site does not appear on the SLIC. There are no SLIC facilities listed within a 0.5-mile distance of the Site.

#### 6.2.13 STATE INSTITUTIONAL CONTROL/ENGINEERING CONTROL REGISTRIES

The State of California maintains institutional and engineering control databases or registries. This lists sites with engineering or institutional controls in place. Institutional controls include administrative measures intended to prevent exposure to contaminants remaining on site. Engineering controls include various forms of caps, building foundations, liners, and treatment methods. The State Institutional Control/Engineering Control Registries is searched for the Site.

The subject Site does not appear on the State Institutional Control/Engineering Control Registries.

#### 6.2.14 TRIBAL DATABASES

Tribal governments are under the jurisdiction of the USEPA for environmental concerns. Currently, the USEPA Region 9 publishes LUST and UST information for tribes in Arizona, California, Hawaii, Nevada, and the Pacific Territories. The LUST database is searched for 0.5 mile, and the UST database is searched for 0.25 mile.

The Site does not appear on the Tribal LUST or UST databases. No facilities were identified on the Tribal LUST or UST databases within 0.5 mile of the Site.

#### 6.2.15 DRY CLEANERS

The DRYCLEANERS list is compiled and provided by EDR. The DRYCLEANER database is searched for a 0.25 mile distance.

The Site does not appear on the DRYCLEANER list.

There is one (1) DRYCLEANER facility listed within 0.25 mile of the Site. The facility is listed as Knight LLC, located at 20531 Crescent Bay Drive. The facility is listed as being located 0.125 to 0.25 (0.224) mile south of the site.

#### 6.2.16 VAPOR ENCROACHMENT SCREEN

The purpose of a Vapor Encroachment Screen (VES) is to identify, to the extent feasible, if a vapor encroachment condition exists at the Site.

A Vapor Encroachment Screen Report was generated for the Site and Site area utilizing EDR's Vapor Encroachment Worksheet (see Appendix B). It was determined that there are no historical dry cleaners located within 600 feet and/or up gradient from the Site.

There is one historical gas station listed as Momo Automotive, located 0.125 to 0.25 (0.212) mile east-southeast of the Site. The facility is listed as being located at 25471 Arctic Ocean Drive. No other pertinent information is provided. This facility is cross-gradient from the Site, and therefore not likely to have created soil vapor contamination at the Site.

#### 6.2.17 UNMAPPABLE FACILITIES

GEOTEK reviewed the listing of “orphan” or unmappable facilities in the database report. None of the listed facilities appear to be present within the respective search distances stipulated by ASTM 1527-13.

#### 6.3 LOCAL REGULATORY AGENCY RECORDS

GeoTek contacted the Orange County Fire Authority and the Orange County Sheriff's Department regarding underground or above ground storage tanks, hazardous materials permits or business plans, emergency responses, spills, inspections, or other information of an environmental or hazardous nature.

No information was available from either department.

#### 6.4 ENVIRONMENTAL LIEN AND AUL SEARCH

GeoTek obtained an Environmental Lien and Activity Use Limitation (AUL) Search Report from EDR. No environmental liens or AUL's were found. The report is included herein Appendix B.

## **7.0 SITE AND SURROUNDING AREA HISTORY**

In order to construct the history of the Site and the surrounding area, GEOTEK reviewed reasonably ascertainable public documents, including aerial photographs, topographic maps, building records, city directories, fire insurance maps, and county assessor history records.

### **7.1 HISTORICAL SITE USAGE**

#### **7.1.1 AERIAL PHOTOGRAPH REVIEW**

GEOTEK reviewed aerial photographs dated 1938, 1946, 1952, 1963, 1972, 1977, 1989, 1994, 2005, 2009, 2010 and 2012 (see Appendix B).

In the 1938, 1946, 1952, 1963, 1972, 1977 and 1989 aerial photographs, the Site appears to be vacant land.

In the 1994 aerial photograph, the Site appears to be being graded to its current configuration.

In the 2005, 2009, 2010 and 2012 aerial photographs, the Site appears to be similar to its current condition.

#### **7.1.2 TOPOGRAPHIC MAP REVIEW**

GEOTEK reviewed the USGS Southern California Sheet I Quadrangle (60-minute series), dated 1901; the Corona Quadrangle (30-minute series), dated 1902; the Santiago Peak Quadrangle (15-minute series), dated 1942; the El Toro Quadrangle (7.5-minute series), dated 1950; the El Toro Quadrangle (7.5-minute series), dated 1968; the El Toro Quadrangle (7.5-minute series), dated 1978; the El Toro Quadrangle (7.5 minute series), dated 1981; the El Toro Quadrangle (7.5 minute series), dated 1982; and the El Toro Quadrangle (7.5 minute series), dated 1997 (see Appendix B).

The Site appears to be vacant land on all of the topographic map sheets reviewed with the exception of the 1997 topographic map sheet. A water feature is shown within the vicinity of the Site.

### 7.1.3 BUILDING DEPARTMENT RECORDS

Building department records were not reviewed as part of this assessment as the Site is currently vacant.

### 7.1.4 CITY DIRECTORY REVIEW

GEOTEK reviewed The EDR – City Directory Image Report, as obtained from and provided by EDR, and included herein in Appendix B. The Site address was not listed in the report.

### 7.1.5 SANBORN MAP REVIEW

Sanborn Fire Insurance Maps for the parcel were requested from EDR-Sanborn, which owns and maintains the largest and most complete collection of the maps. No coverage for the Site was available. The Sanborn Map Report is included in Appendix B.

### 7.1.6 CHAIN OF TITLE

Chain-of-Title document(s) were not provided or reviewed as part of this assessment.

## 7.2 HISTORICAL IMMEDIATELY SURROUNDING PROPERTY USAGE

### 7.2.1 AERIAL PHOTOGRAPH REVIEW

GEOTEK reviewed aerial photographs dated 1938, 1946, 1952, 1963, 1972, 1977, 1989, 1994, 2005, 2009, 2010 and 2012 (see Appendix B).

In the 1938, 1946, 1952, 1963, 1972, 1977 and 1989 aerial photographs, the surrounding properties are vacant land. The water reservoir to the far west of the Site can be observed.

In the 1994 aerial photograph, the properties to the west, east and north are vacant land. The property to the south is a mass-graded pad.

In the 2005, 2009 and 2010 aerial photographs, the properties to the north, west and east are vacant land. A commercial/industrial building can be observed to the south of the Site.

In the 2012 aerial photograph, Alton Parkway can be observed to the north of the Site. The properties to the north, east and west are vacant land.

#### 7.2.2 TOPOGRAPHIC MAP REVIEW

GEO TEK reviewed the USGS Southern California Sheet I Quadrangle (60-minute series), dated 1901; the Corona Quadrangle (30-minute series), dated 1902; the Santiago Peak Quadrangle (15-minute series), dated 1942; the El Toro Quadrangle (7.5-minute series), dated 1950; the El Toro Quadrangle (7.5-minute series), dated 1968; the El Toro Quadrangle (7.5-minute series), dated 1978; the El Toro Quadrangle (7.5 minute series), dated 1981; the El Toro Quadrangle (7.5 minute series), dated 1982; and the El Toro Quadrangle (7.5 minute series), dated 1997 (see Appendix B).

The surrounding properties appear to be vacant land on all of the topographic map sheets reviewed.

#### 7.2.3 CITY DIRECTORIES

GEO TEK has reviewed a city directory image report obtained from and provided by EDR for the Site and surrounding property addresses. The City Directory Image report provides information on multiple nearby property addresses. The listings do not appear to present an obvious environmental concern to the subject Site.

#### 7.2.4 SANBORN MAP REVIEW

Sanborn Fire Insurance Maps for the Site were requested from EDR-Sanborn, which owns and maintains the largest and most complete collection of the maps. According to EDR, no coverage was available for the property; therefore it is not likely that coverage would be available for the adjoining properties.

### 7.3 HISTORICAL USE SUMMARY

Based on readily available historic information, the Site appears to have been vacant and undeveloped land from at least 1938 to at least 1989. The Site is being graded in the 1994 aerial photograph. The Site appears similar to current conditions in the 2005, 2009, 2010 and 2012 aerial photographs. The surrounding properties appear to be vacant land until 1994, when the properties to the south can be observed to be graded.

Data gaps exist from 1902 to 1938, 1952 to 1963, 1982 to 1989 and 1997 to 2005. However, it is our opinion that additional historic information, if it were to become available, is not likely to change the conclusions or recommendations of this assessment.

## **8.0 SIGNIFICANT DATA GAPS**

No significant data gaps were discovered while performing this Phase I Environmental Site Assessment.

Minor data gaps include:

- Gaps in the historic records from 1902 to 1938, 1952 to 1963, 1982 to 1989 and 1997 to 2005.

It is our opinion that additional information, if it were to become available, is not likely to change the conclusions or recommendations of this assessment.

## **9.0 CONCLUSIONS AND RECOMMENDATIONS**

GEOTEK has performed a Phase I Environmental Site Assessment (ESA) for the subject Site in substantial conformance with the scope and limitations of ASTM E 1527-05 and GEOTEK Proposal No. P3-0301614, dated March 12, 2014. Any exceptions to, or deletions from, this practice are described in the appropriate section(s) of this report.

This Phase I Environmental Site Assessment has not revealed evidence of an environmental condition or concern in connection with the subject Site.

## 10.0 CERTIFICATIONS

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject Site. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

The qualifications of the Project Team are included in Appendix E.

We appreciate this opportunity to be of service. If you have any questions, or if we can be of further service, please contact us at (951) 710-1160.

Sincerely,  
**GEOTEK, INC.**



Edward H. LaMont  
Principal Geologist



Anna M. Scott  
Project Geologist

## 11.0 REFERENCES

### CALIFORNIA, STATE OF

- Geologic Map of the San Bernardino and Santa Ana 30' x 60' Quadrangles, California, 2006; Morton, D.M. and Miller, F.K.: U.S. Geological Survey OF-2006-1217, Scale: 1:100,000.
- Water Resources, Department of Hydrologic Data

### BAGAH ENGINEERING

- Geotechnical Investigation of Settlement, Tract 13343, Lot 11 (Lot 13), SWC Commercentre Drive and Alton Parkway, Lake Forest, CA, Job No. 82a-200-00, dated June 16, 1997.
- Progress Report on Monitoring of Settlement, Tract 13343, Lot 11 (Lot 13), SWC Commercentre Drive and Alton Parkway, Lake Forest, California, Job No. 82a-200-00, dated October 9, 1998.

### ORANGE, COUNTY OF

- Assessor Office
- Fire Authority
- Sheriff Department

### ENVIRONMENTAL DATA RESOURCES, INC.

- Aerial Photo Decade Package, Inquiry No. 3879196.11 dated March 13, 2014.
- Certified Sanborn Map Report, Inquiry No. 3879196.3, dated March 12, 2014.
- City Directory Image Report, Inquiry No. 3879196.5, dated March 13, 2014.
- Environmental Lien and AUL Search, Inquiry No. 3879196.7, dated March 13, 2014.
- Historical Topographic Map Report, Inquiry No. 3879196.4, dated March 13, 2014.
- Property Tax Map Report, Inquiry No. 3879196.6, dated March 12, 2014.
- Radius Map Report with GeoCheck, Inquiry No. 3879196.2s, dated March 12, 2014.
- Vapor Encroachment Screen, Inquiry No. 3879196.9s, dated March 18, 2014.

### STONE MILLER CONSULTANTS, INC.

- Rough Grade Geotechnical Report, Tract 13343 and a Portion of Offsite Tentative Tract 13336, A Portion of Pacific Commercentre Project, 20858-B Bake Parkway, El Tor, California, Project No. 10425-13, Report No. 1-2086, dated October 31, 1991.

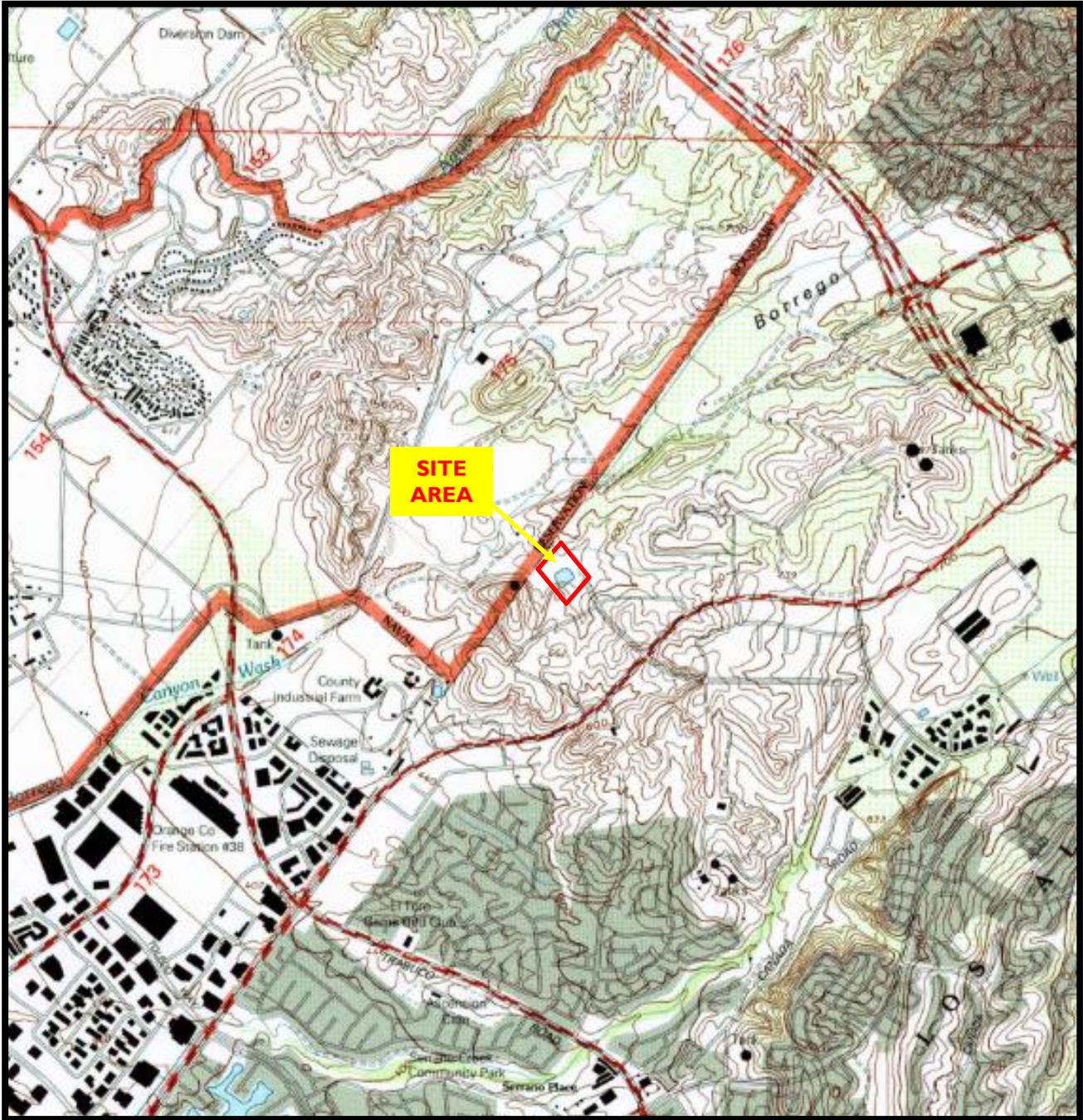
- Settlement Monitoring, Canyon 2, Lots 12 through 20, Tract 13343, 20858 Bake Parkway, El Toro, California,” Project No. 10425-06, Report No. 3-3301, dated December 2, 1993.
- Settlement Monitoring, Canyon 2, Lots 12 through 20, Tract 13343, 20858 Bake Parkway, Pacific Commercentre, El Toro, California, Project No. 10425-07, Report No. 7-5338, dated March 7, 1997.
- Results of Preliminary Geotechnical Investigation, 25192 Commercentre Drive, Lake Forest, California, Project No. 12576-00, Report No. 05-9852, dated May 3, 2005.
- Site History & Future Geotechnical Work, Lot 13 of Tract 13343, 25192 Commercentre Drive, Lake Forest, California, Project No. 12655-02, Report No. 06-10106, dated January 24, 2006.
- Supplemental Geotechnical Investigation, Lots 13 of Tract 13343, 25192 Commercentre Drive, Lake Forest, California, Project No. 12655-03, Report No. 07-10572, dated December 6, 2007.
- Grading Earthwork Observation/Testing Report, Lot 13 of Tract 13343, 25192 Commerce Drive, Lake Forest, California, Project No. 12655-10/30, Report No. 08-10711, dated December 24, 2008.
- Review of Site Settlement, Lot 13 of Tract 13343, 25192 Commerce Drive, Lake Forest, California, Project No. 12655-50, Report No. 09-11123, dated November 12, 2009.

U.S. GOVERNMENT

- Drug Enforcement Agency
- Records inquiry, <http://www.dea.gov/seizures>
- Federal Emergency Management Agency (FEMA)

# **APPENDIX A**

## **FIGURES**



**Meritage Homes**  
 25192 Commercentre Drive  
 Lot 13 of Tract 13343  
 City of Lake Forest  
 County of Orange, California

GeoTek Project No. 1162-CR3



**Figure 1**  
 Site Location  
 Map





**Meritage Homes**  
 25192 Commercentre Drive  
 Lot 13 of Tract 13343  
 City of Lake Forest  
 County of Orange, California

GeoTek Project No. 1162-CR3



**Figure 2**  
**General Site  
 Layout Map**



# **APPENDIX B**

## **SUPPORTING DOCUMENTS**

**Lot 13 of Tract 13343**

25192 Commercentre Drive  
Lake Forest, CA 92630

Inquiry Number: 3879196.11  
March 13, 2014

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th Floor  
Shelton, Connecticut 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://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.

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

***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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**Date EDR Searched Historical Sources:**

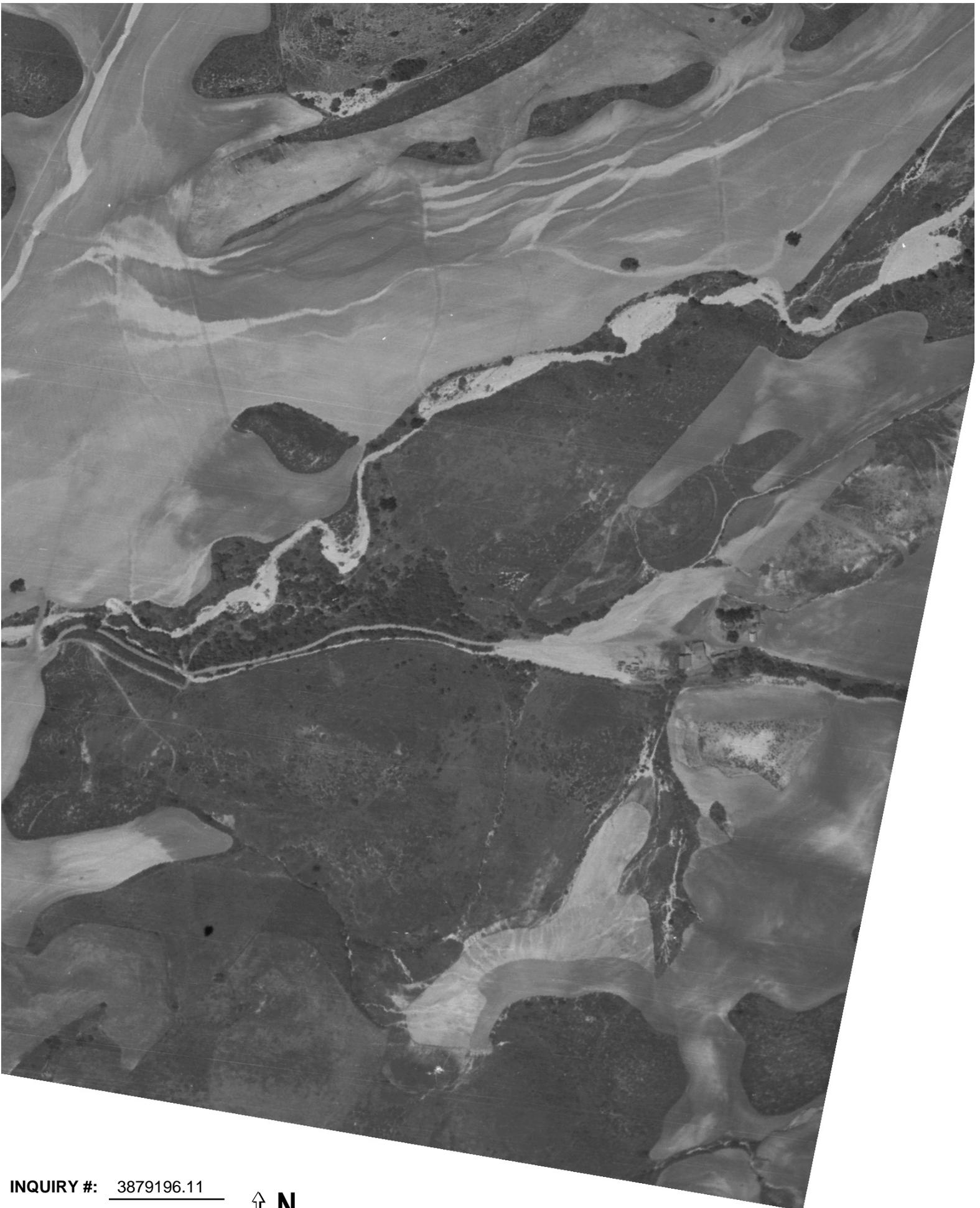
Aerial Photography March 13, 2014

**Target Property:**

25192 Commercentre Drive

Lake Forest, CA 92630

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	EDR
1946	Aerial Photograph. Scale: 1"=500'	Flight Year: 1946	Jackmann Air
1952	Aerial Photograph. Scale: 1"=500'	Flight Year: 1952	EDR
1963	Aerial Photograph. Scale: 1"=500'	Flight Year: 1963	EDR
1972	Aerial Photograph. Scale: 1"=500'	Flight Year: 1972	EDR
1977	Aerial Photograph. Scale: 1"=500'	Flight Year: 1977	Teledyne
1989	Aerial Photograph. Scale: 1"=500'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	EDR
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	EDR
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	EDR

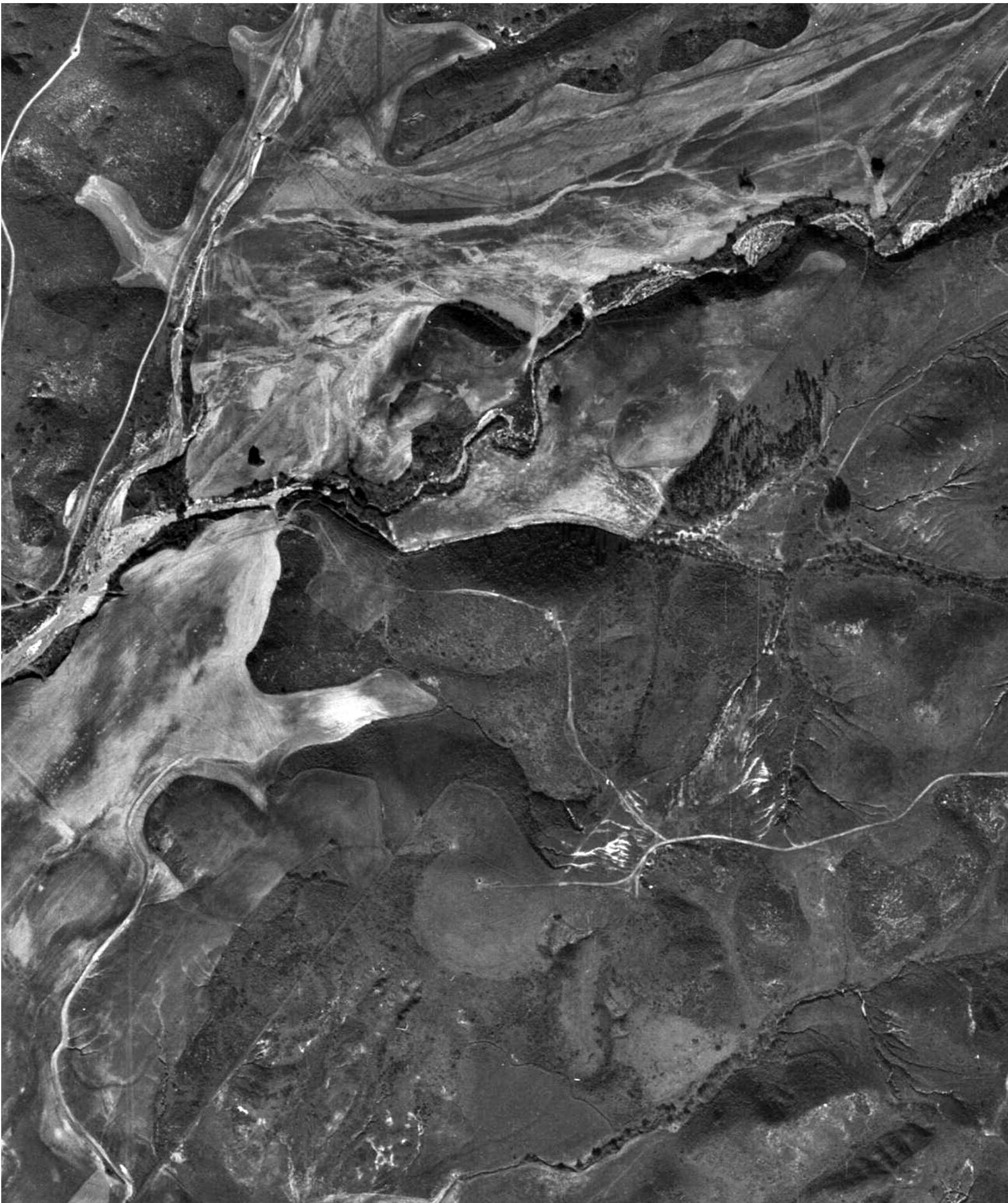


INQUIRY #: 3879196.11

YEAR: 1938

| = 500'





INQUIRY #: 3879196.11

YEAR: 1946

| = 500'





**INQUIRY #:** 3879196.11

**YEAR:** 1952

 = 500'





**INQUIRY #:** 3879196.11

**YEAR:** 1963

**| = 500'**





INQUIRY #: 3879196.11

YEAR: 1972

| = 500'





INQUIRY #: 3879196.11

YEAR: 1977

| = 500'





INQUIRY #: 3879196.11

YEAR: 1989

| = 500'





INQUIRY #: 3879196.11

YEAR: 1994

| = 500'





**INQUIRY #:** 3879196.11

**YEAR:** 2005

| = 500'



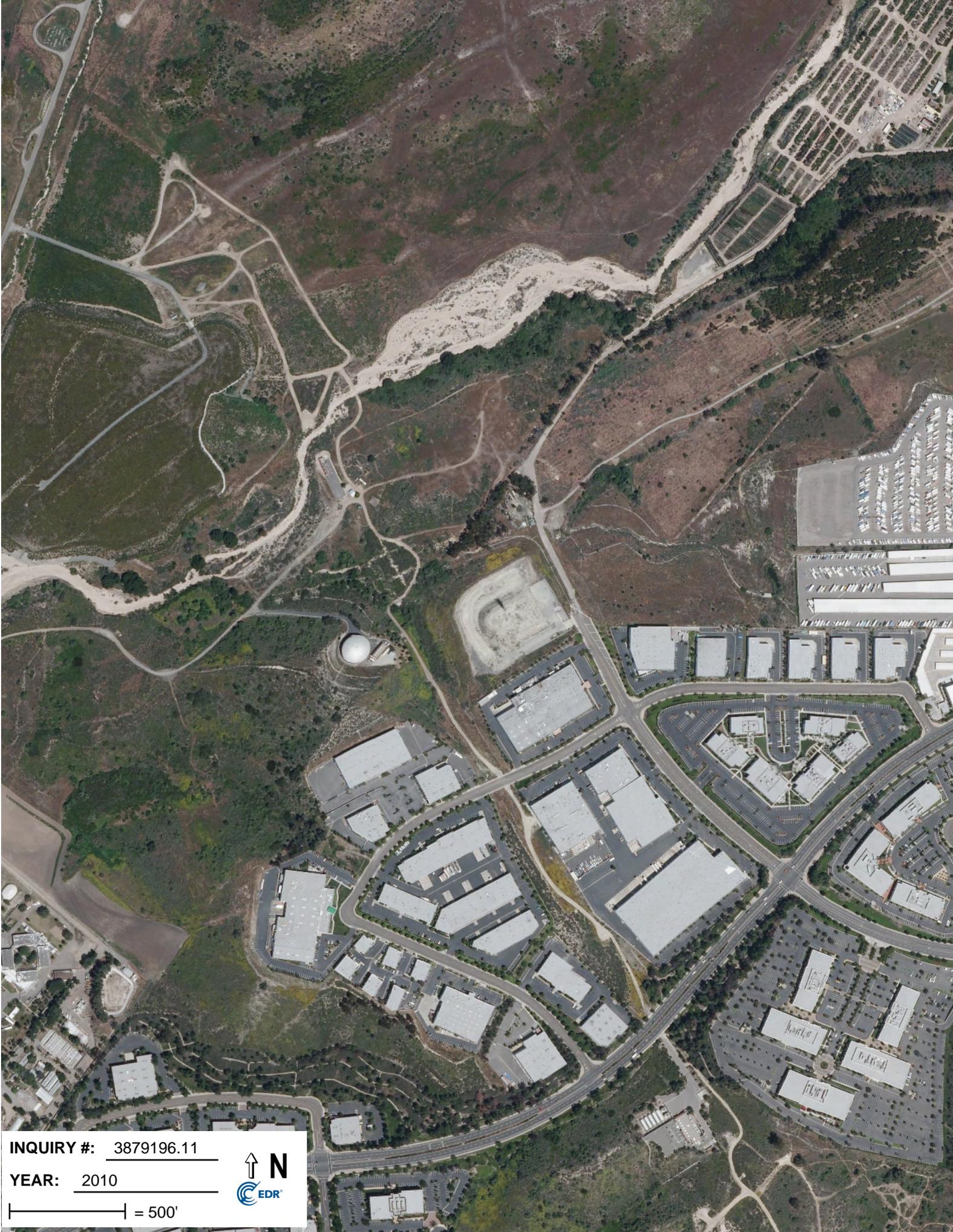


**INQUIRY #:** 3879196.11

**YEAR:** 2009

| = 500'





**INQUIRY #:** 3879196.11

**YEAR:** 2010

| = 500'





**INQUIRY #:** 3879196.11

**YEAR:** 2012

| = 500'



**Lot 13 of Tract 13343**

25192 Commercentre Drive  
Lake Forest, CA 92630

Inquiry Number: 3879196.3  
March 12, 2014

## Certified Sanborn® Map Report



6 Armstrong Road, 4th Floor  
Shelton, Connecticut 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

3/12/14

**Site Name:**

Lot 13 of Tract 13343  
25192 Commercentre Drive  
Lake Forest, CA 92630

**Client Name:**

Geotek Inc  
710 East Parkridge Ave, Suite  
Corona, CA 92879-0000



EDR Inquiry # 3879196.3

Contact: Anna M. Scott

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Geotek Inc were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

### Certified Sanborn Results:

**Site Name:** Lot 13 of Tract 13343  
**Address:** 25192 Commercentre Drive  
**City, State, Zip:** Lake Forest, CA 92630  
**Cross Street:**  
**P.O. #** NA  
**Project:** 1162-CR3  
**Certification #** 2ACB-4392-8CE4



Sanborn® Library search results  
Certification # 2ACB-4392-8CE4

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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**Lot 13 of Tract 13343**

25192 Commercentre Drive  
Lake Forest, CA 92630

Inquiry Number: 3879196.5  
March 13, 2014

# The EDR-City Directory Image Report

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Executive Summary

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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
1996	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1990	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1985	<input 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
1972	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory

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## FINDINGS

### TARGET PROPERTY STREET

25192 Commercentre Drive  
Lake Forest, CA 92630

Year

CD Image

Source

### COMMERCENTRE DR

2013	pg A1	Cole Information Services	
2008	pg A2	Cole Information Services	
2003	pg A4	Cole Information Services	
1999	pg A5	Cole Information Services	
1996	-	Haines Criss-Cross Directory	Street not listed in Source
1990	-	Haines Criss-Cross Directory	Street not listed in Source
1985	-	Haines Criss-Cross Directory	Street not listed in Source
1980	-	Haines Criss-Cross Directory	Street not listed in Source
1975	-	Haines Criss-Cross Directory	Street not listed in Source
1972	-	Haines Criss-Cross Directory	Street not listed in Source

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**

**COMMERCENTRE DR 2013**

25200 SAFEWAY MOVING & STORAGE  
25301 FOCUS INDUSTRIES INC  
25341 COMTEC COMMUNICATIONS  
KSP CONSULTING ENGINEERS  
WILLIAM SIMPSON & ASSOCIATES INC  
25351 1ST CHOICE SOLUTIONS  
CARDIAC SCIENCE  
IMAGISTICS INTERNATIONAL INC  
MAIN STREET TRADING  
PURPOSE FUNDING  
25361 25361 COMMERCENTRE LLC  
25371 ENVIRONMENTAL RESOLUTIONS INC  
IN TOUCH COMMUNICATIONS  
NU HORIZONS ELECTRONICS C  
25372 ABSOLUTE GREEN ELECTRONICS RECYCLING  
INTERNATIONAL TRADING  
ON THE EDGE MARKETING  
25381 HEALTHY BUILDINGS  
MRINETWORK  
STUDENT LOAN PROCESSING US  
25391 CALIFORNIA WESTERN PROPERTIES  
MARSHALL BANKS LLC  
TAGHREED ALMANSOR  
25392 BIG TRAIN  
25500 BEECH STREET  
CONCENTRA INC  
25510 AURORA BANK FSB  
CB RICHARD ELLIS  
25520 US REAL ESTATE SERVICES  
25531 CRUMMACK HUSEBY INC  
SPARTA INC  
TERRACE PALM  
TREND MICRO  
TRI EMERALD FINANCIAL GROUP  
25541 EMC INSURANCE COMPANIES  
25550 CITY OF LAKE FOREST  
RUDOLPH M  
25652 HORIZON TECHNOLOGY LLC

**COMMERCENTRE DR 2008**

25200 VARIAN CONSUMABLE PRODUCTS  
 VARIAN INC  
 25301 FOCUS INDUSTRIES INC  
 25341 ACCU MEDICAL SERVICES LLC  
 ADD ON HEALTH SYSTEMS INC  
 FIRST FAIRWAY FINANCIAL  
 IWR GROUP INC  
 VALOR COMPUTERIZED SYSTEMS INC  
 VALOR INC  
 25351 CARDIAC SCIENCE  
 IMAGISTICS  
 IMAGISTRICS INTERNATIONAL INC  
 MAIN STREET TRADING CO INC  
 NEWHALL DISCOUNT FUTURES  
 OCE IMAGISTICS INC  
 REFCO LLC  
 25361 VIAPOINTE INC  
 25371 ENVIRONMENTAL RESOLUTIONS INC  
 ESKER SOFTWARE INC  
 MEMECUNQUI TECHNOLOGIES  
 MICAHIAH REVERO  
 NEWPORT MEDICAL INC  
 NU HORIZONS ELECTRONICS CORP  
 TRAVIS JONES  
 25381 ANTHONY SCHOOLS  
 BRIDGE CAPITAL  
 BRIDGE CAPITAL LENDING GROUP INC  
 COMPUTER EDUCATION INSTITUTE INC  
 KAPLAN INC  
 MANAGEMENT RECRUITERS INTL  
 NEW CENTURY TITLE  
 REPTRON ELECTRONICS INC  
 25391 BRIDGECAP CORP  
 MAKOIL INC  
 RES NET  
 25392 ULINE INC  
 ULINE SHIPPING SUPPLIES  
 25500 BEECH STREET A CONCENTRA CO  
 25510 LEHMAN BROTHERS  
 OPTION ONE MORTGAGE  
 25521 DEL TACO INCOME PROPERTIES IV  
 H R BLOCK DAC  
 25530 NATIONPOINT LOAN SERVICES  
 25531 ADVANCED FIELD SERVICES  
 IRVINE FUNDING LLC  
 SPARTA INC  
 TREND MICRO INC  
 25541 COMARCO INC  
 COMARCO WIRELESS TECH INC  
 25550 CITY OF LAKE FOREST

**COMMERCENTRE DR 2008 (Cont'd)**

25550 THE JOHNNY ROCKETS GROUP INC  
25612 AVNET INC  
SUNDOWN LIGHTING & ELECTRICAL INC  
25671 OPTION ONE MORTGAGE

**COMMERCENTRE DR 2003**

25200 ANSYS DIAGNOSTICS INC  
 ANSYS INC  
 ANSYS TECHNOLOGIES INC  
 25301 FOCUS INDUSTRIES INC  
 25341 ADD ON HEALTH SYSTEMS INC  
 INFINEON TCHNLGY NORTH AMRC  
 INFINEON TECHNOLOGIES CORP  
 VALOR INC  
 25342 MARTIN STEIN  
 QIP ACQUISITION LLC  
 QUALITY IMAGING PRODUCTS  
 25351 OPEN BID EXCHANGE CORP  
 TECHNOLOGY OBX  
 25361 COMPUTER EDUCATION INSTITUTE  
 MYORANGECOUNTY CO  
 25371 IMPACT TECHNOLOGIES  
 IN TOUCH COMMUNICATIONS  
 MEMEC UNITED  
 NU HORIZONS ELECTRONICS CORP  
 25372 LA MARCHE H C ENTERPRISES  
 LAMARCHE MOULDING  
 25381 MANAGEMENT RECRUITERS  
 REPTRON K BYTE MODULE DIV  
 25391 BRIDGE CAPITAL CORP  
 CM PLATINUM FUNDING  
 DON MARTIN  
 VALLEY NATIONAL FINANCIAL SRVC  
 25500 BEECH STREET CORP  
 CAPP CARE INC  
 LESLEY BUSER  
 25510 MICHAEL MARK  
 25521 DEL TACO 965  
 KERRY FOODS INTERNATIONAL  
 25531 TREND MICRO  
 25541 SYMBOL TCHNLGY PRTBL SYSTM  
 25612 OCCUPANT UNKNOWN  
 PURELINE TREATMENT SYSTEMS LLC  
 SAVOIR TECHNOLOGY GROUP  
 25652 ALLSTAR MICROELECTRONI  
 MINGCHYI CHIANG



-

### COMMERCE CENTRE DR 1999

25200 ANSYS INCORPORATED  
25371 MICAH REVERO  
25392 ULINE SHIPPING SUPPLIES  
25671 DISCOPYLABS

**Lot 13 of Tract 13343**

25192 Commercentre Drive  
Lake Forest, CA 92630

Inquiry Number: 3879196.7  
March 13, 2014

## 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.

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
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## EDR Environmental Lien and AUL Search

### TARGET PROPERTY INFORMATION

#### ADDRESS

25192 Commercentre Drive  
Lot 13 of Tract 13343  
Lake Forest, CA 92630

#### RESEARCH SOURCE

##### Source 1:

Orange Recorder  
Orange, CA

### PROPERTY INFORMATION

#### Deed 1:

Type of Deed: deed  
Title is vested in: BDJ Lake Forest Assoc Lp  
Title received from: Pactel Finance  
Deed Dated: 7/26/2005  
Deed Recorded: 7/26/2005  
Book: NA  
Page: na  
Volume: na  
Instrument: na  
Docket: NA  
Land Record Comments:  
Miscellaneous Comments:

**Legal Description:** See Exhibit

**Legal Current Owner:** BDJ Lake Forest Assoc LP

**Parcel # / Property Identifier:** 610-371-02

**Comments:** See Exhibit

### ENVIRONMENTAL LIEN

Environmental Lien: Found  Not Found

### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found  Not Found

## **Deed Exhibit 1**

RECORDING REQUESTED BY  
FIDELITY NATIONAL TITLE

**EXHIBIT B**

RECORDING REQUESTED BY

Recorded in Official Records, Orange County

Tom Daly, Clerk-Recorder



38.00

AND WHEN RECORDED MAIL THIS DEED AND,  
UNLESS OTHERWISE SHOWN BELOW, MAIL  
TAX STATEMENTS TO:

Davis Partrick  
120 Bristol St. North  
St. 106  
Newport Beach, CA 92660

2005000576363 02:02pm 07/26/05

104 200 G02 5

0.00 0.00 0.00 20.00 12.00 0.00 0.00 0.00

Space Above for Recorder's Use

**GRANT DEED**

APN NO. 610-371-02

Title No. 9727202

Escrow No. 883901-VV

THE UNDERSIGNED GRANTOR(s) DECLARE(s)

DOCUMENTARY TRANSFER TAX IS \$ CITY TAX \$

computed on full value of property conveyed, or  
computed on full value less value of liens or encumbrances remaining at time of sale,  
Unincorporated area: City of , and

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, PACTEL  
FINANCE, a California corporation

hereby GRANT(s) to BDJ Lake Forest Associates, LP, a California  
limited partnership

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

an undivided interest in all that certain real property and the improvements located thereon more  
particularly described on attached Exhibit A, attached hereto and incorporated herein by this  
reference subject to all covenants, conditions, restrictions, encumbrances and other matters of  
record.

Dated:

PACTEL FINANCE, a  
California corporation

By: Robert A. Damasceno

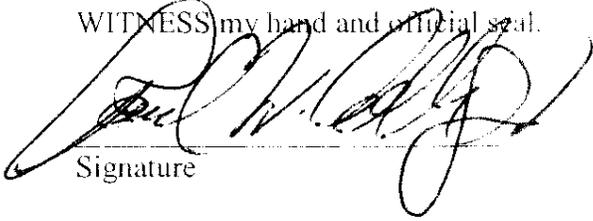
[Notary Acknowledgment attached]

ACKNOWLEDGMENT

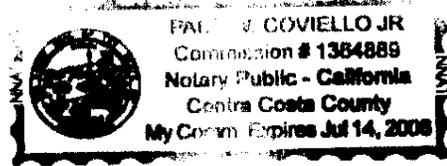
State of California )  
County of Contra Costa ) ss.  
)

On this 7th day of December, 2004, before me, Paul W. Covello, Jr. (notary public), personally appeared Robert A. Damuschiro, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/~~are~~ 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.

WITNESS my hand and official seal.

  
Signature

Seal



ACKNOWLEDGMENT

State of California )  
County of \_\_\_\_\_ ) ss.  
)

On this \_\_\_\_\_ day of \_\_\_\_\_, 2004, before me, \_\_\_\_\_ (notary public), personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ 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.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature

Seal

**Government Code 27361.7**

**I certify under the penalty of perjury that the notary seal on this document reads as follows:**

**Name of Notary: PAUL W. COVIELLO JR.**

**Date Commission Expires: JULY 14, 2006**

**County where bond is Filed: CONTRA COSTA**

**Commission No.: 1364889**

**Manufacturer/Vendor No.: NNA1**

**Place of execution- Newport Beach**

**Date- July 26, 2005**

  
\_\_\_\_\_  
**FIDELITY NATIONAL TITLE COMPANY**

**EXHIBIT A**

**To Grant Deed**

That certain property situated in the State of California, County of Orange, City of Lake Forest and is described as follows:

[VERIFY OR ADD FROM TITLE REPORT]

**EXHIBIT A**

LOT 13 OF TRACT NO. 13343, AS SHOWN ON A MAP RECORDED IN BOOK 647, PAGES 23 THROUGH 32 INCLUSIVE OF MISCELLANEOUS MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPT AN UNDIVIDED HALF INTEREST IN AND TO ANY AND ALL MINERALS, WITHOUT LIMITATION, ALL OIL, GAS, HYDROCARBON AND SIMILAR RIGHTS, AND ALL WATER, WATER RIGHTS, GEOTHERMAL STEAM AND STEAM POWER, WITHIN OR UNDERLYING SUCH REAL PROPERTY, TOGETHER WITH THE PERPETUAL RIGHT OF DEVELOPMENT THEREOF; PROVIDED, HOWEVER, THAT THE RIGHTS HEREIN CONVEYED DO NOT INCLUDE THE RIGHT TO ENTER UPON THE SURFACE AND TOP 500 FEET OF THE SUBSURFACE OF SUCH REAL PROPERTY, AS PROVIDED IN DEED RECORDED JULY 3, 1979 IN BOOK 13215, PAGE 646, OFFICIAL RECORDS, AS INSTRUMENT NO. 3449.

ALSO EXCEPT AN UNDIVIDED HALF INTEREST IN AND TO ANY AND ALL MINERALS LOCATED WITHIN THE REAL PROPERTY HEREINAFTER DESCRIBED, INCLUDING, WITHOUT LIMITATION, ANY OIL, GAS, HYDROCARBON AND SIMILAR RIGHTS, AND ALL WATER, WATER RIGHTS, GEOTHERMAL STEAM AND STEAM POWER, WITHIN OR UNDERLYING SUCH REAL PROPERTY, TOGETHER WITH THE PERPETUAL RIGHT OF DEVELOPMENT THEREOF; PROVIDED, HOWEVER, THAT THE RIGHTS HEREIN CONVEYED DO NOT INCLUDE THE RIGHT TO ENTER UPON THE SURFACE AND TOP 500 FEET OF THE SUBSURFACE OF SAID REAL PROPERTY, AS PROVIDED IN DEED RECORDED JULY 3, 1979 IN BOOK 13215, PAGE 649, OFFICIAL RECORDS, AS INSTRUMENT NO. 3450.

Assessor's Parcel No: 610-371-02 & 05

**Lot 13 of Tract 13343**

25192 Commercentre Drive  
Lake Forest, CA 92630

Inquiry Number: 3879196.4  
March 13, 2014

## EDR Historical Topographic Map Report



6 Armstrong Road, 4th Floor  
Shelton, Connecticut 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

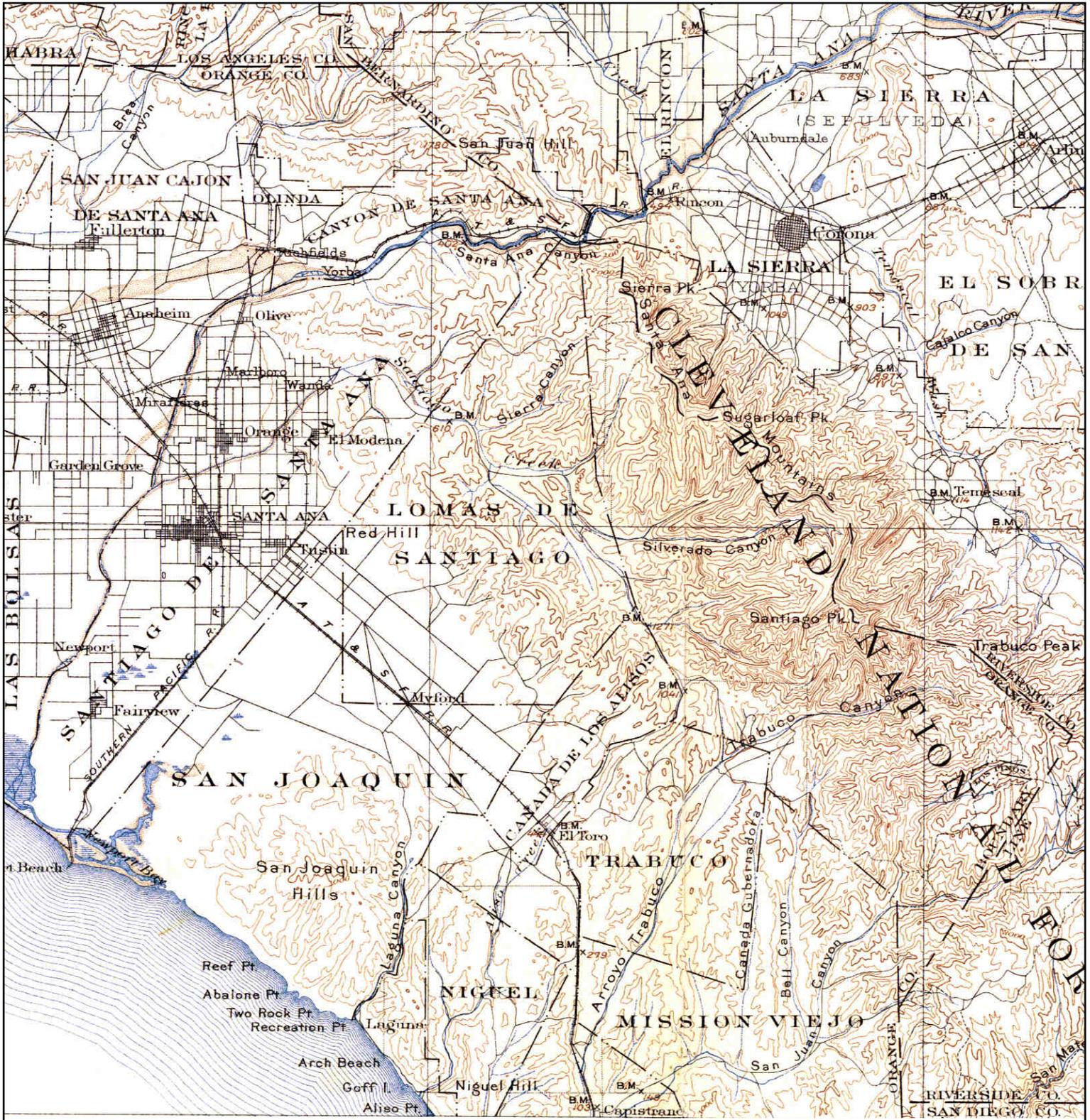
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# Historical Topographic Map



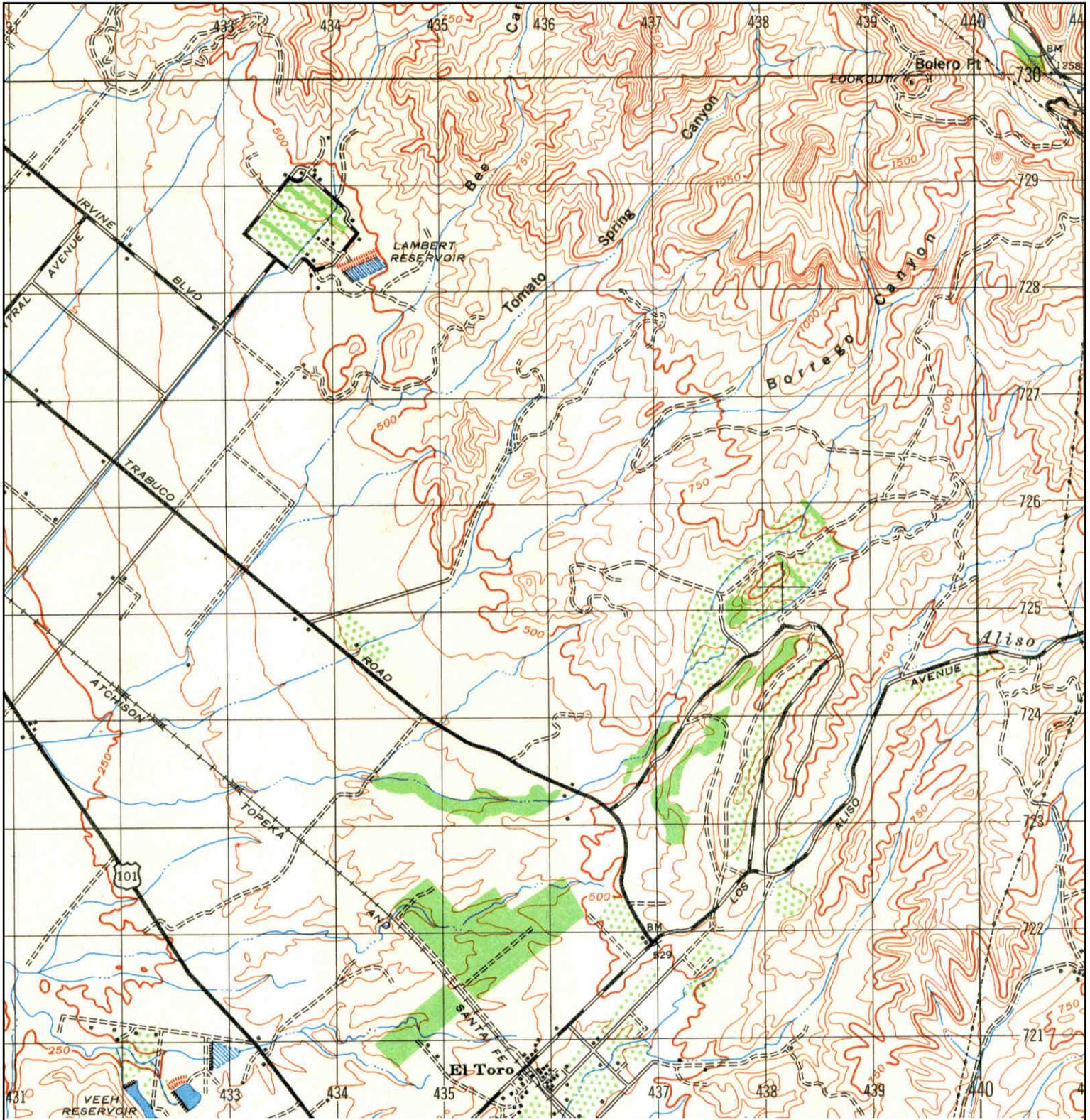
<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: SOUTHERN CA SHEET 1                  MAP YEAR: 1901</p>	<p><b>SITE NAME:</b> Lot 13 of Tract 13343  <b>ADDRESS:</b> 25192 Commercentre Drive                  Lake Forest, CA 92630  <b>LAT/LONG:</b> 33.6687 / -117.6907</p>	<p><b>CLIENT:</b> Geotek Inc  <b>CONTACT:</b> Anna M. Scott  <b>INQUIRY#:</b> 3879196.4  <b>RESEARCH DATE:</b> 03/13/2014</p>
	<p><b>SERIES:</b> 60  <b>SCALE:</b> 1:250000</p>		

# Historical Topographic Map



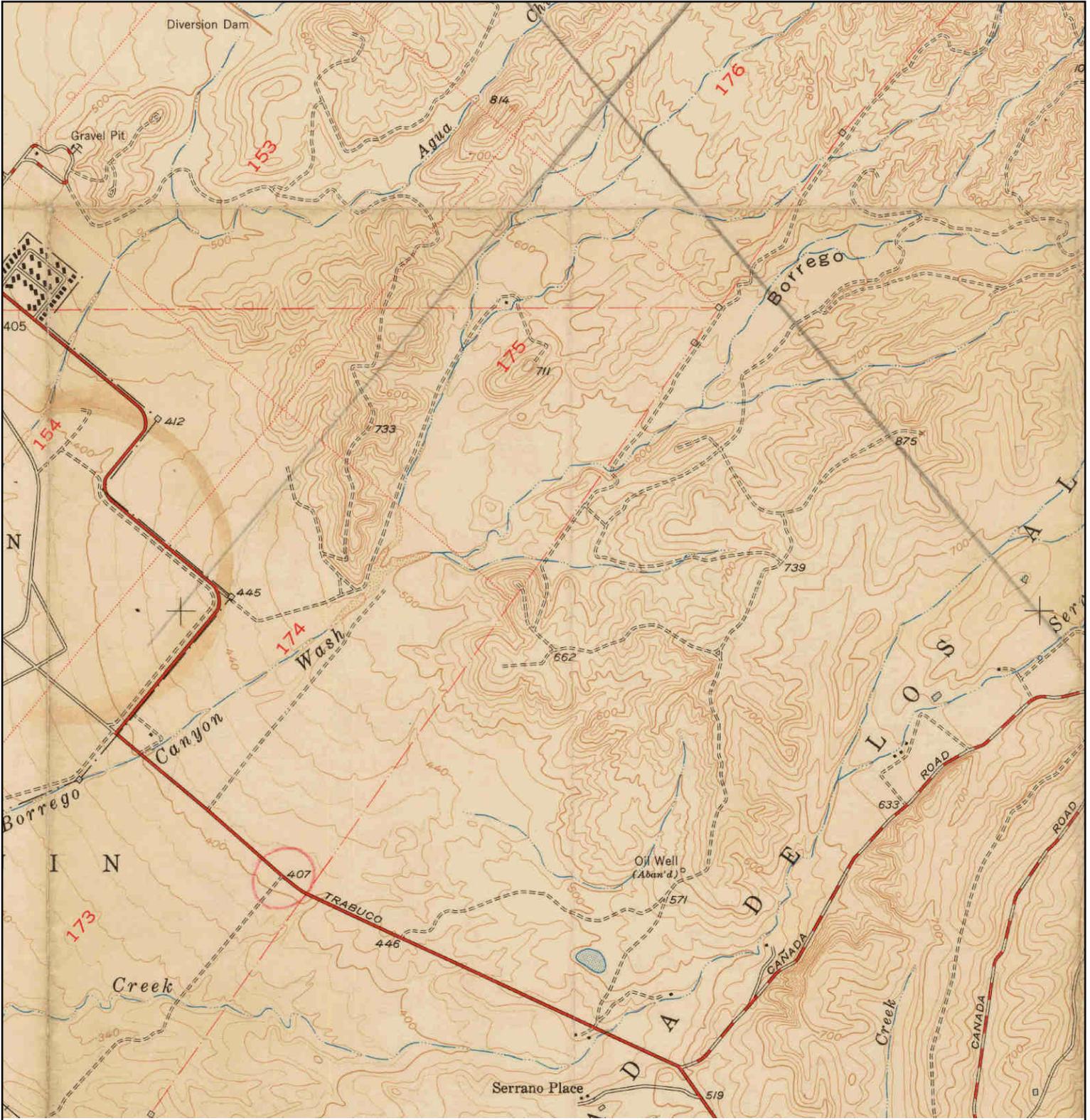
	<b>TARGET QUAD</b> NAME: CORONA MAP YEAR: 1902	SITE NAME: Lot 13 of Tract 13343 ADDRESS: 25192 Commercentre Drive Lake Forest, CA 92630 LAT/LONG: 33.6687 / -117.6907	CLIENT: Geotek Inc CONTACT: Anna M. Scott INQUIRY#: 3879196.4 RESEARCH DATE: 03/13/2014
	SERIES: 30 SCALE: 1:125000		

# Historical Topographic Map



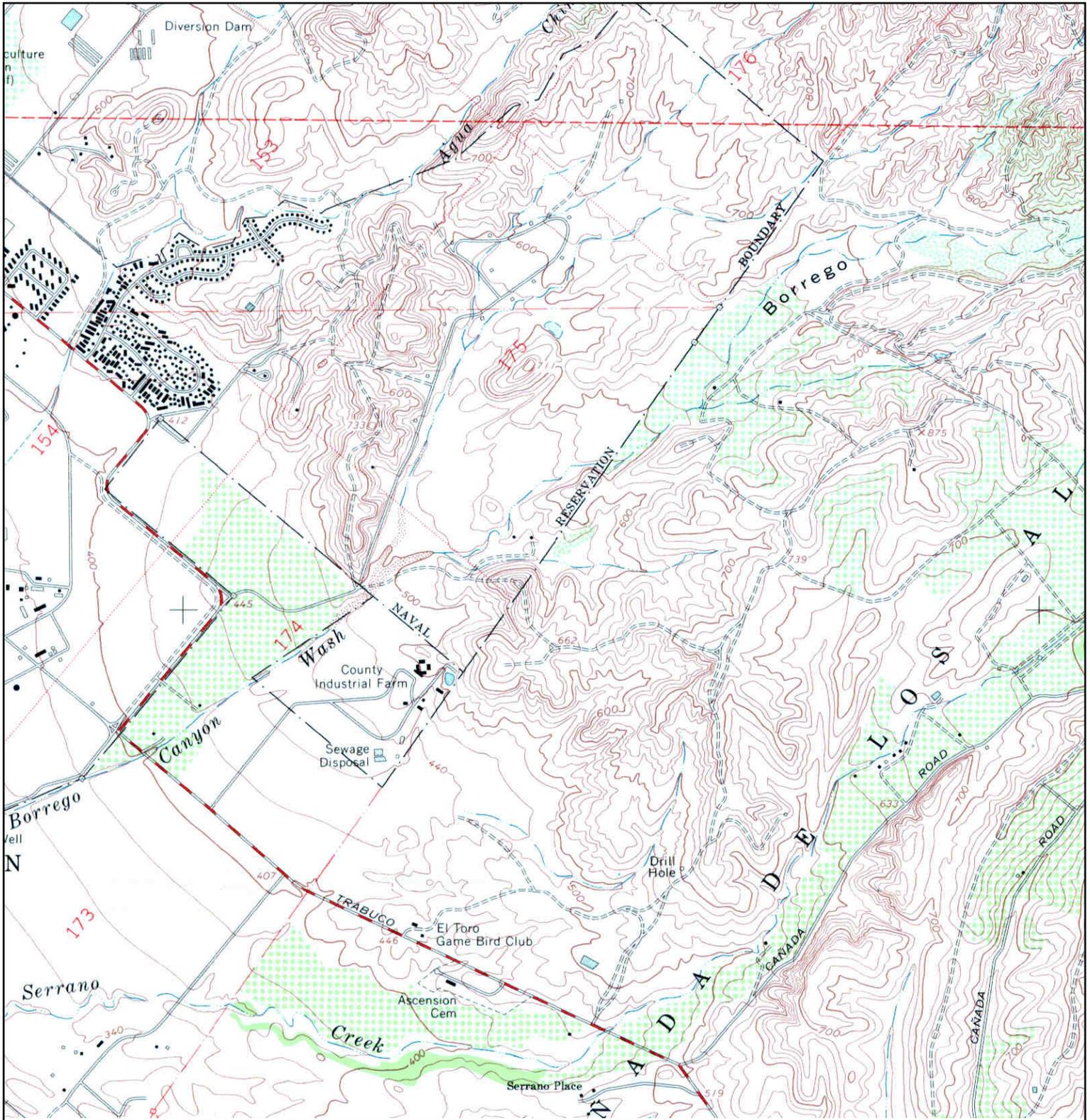
<b>N</b> ↑	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Lot 13 of Tract 13343	<b>CLIENT:</b> Geotek Inc
	<b>NAME:</b> SANTIAGO PEAK	<b>ADDRESS:</b> 25192 Commercentre Drive	<b>CONTACT:</b> Anna M. Scott
	<b>MAP YEAR:</b> 1942	<b>LAT/LONG:</b> 33.6687 / -117.6907	<b>INQUIRY#:</b> 3879196.4
	<b>SERIES:</b> 15		<b>RESEARCH DATE:</b> 03/13/2014
	<b>SCALE:</b> 1:50000		

# Historical Topographic Map



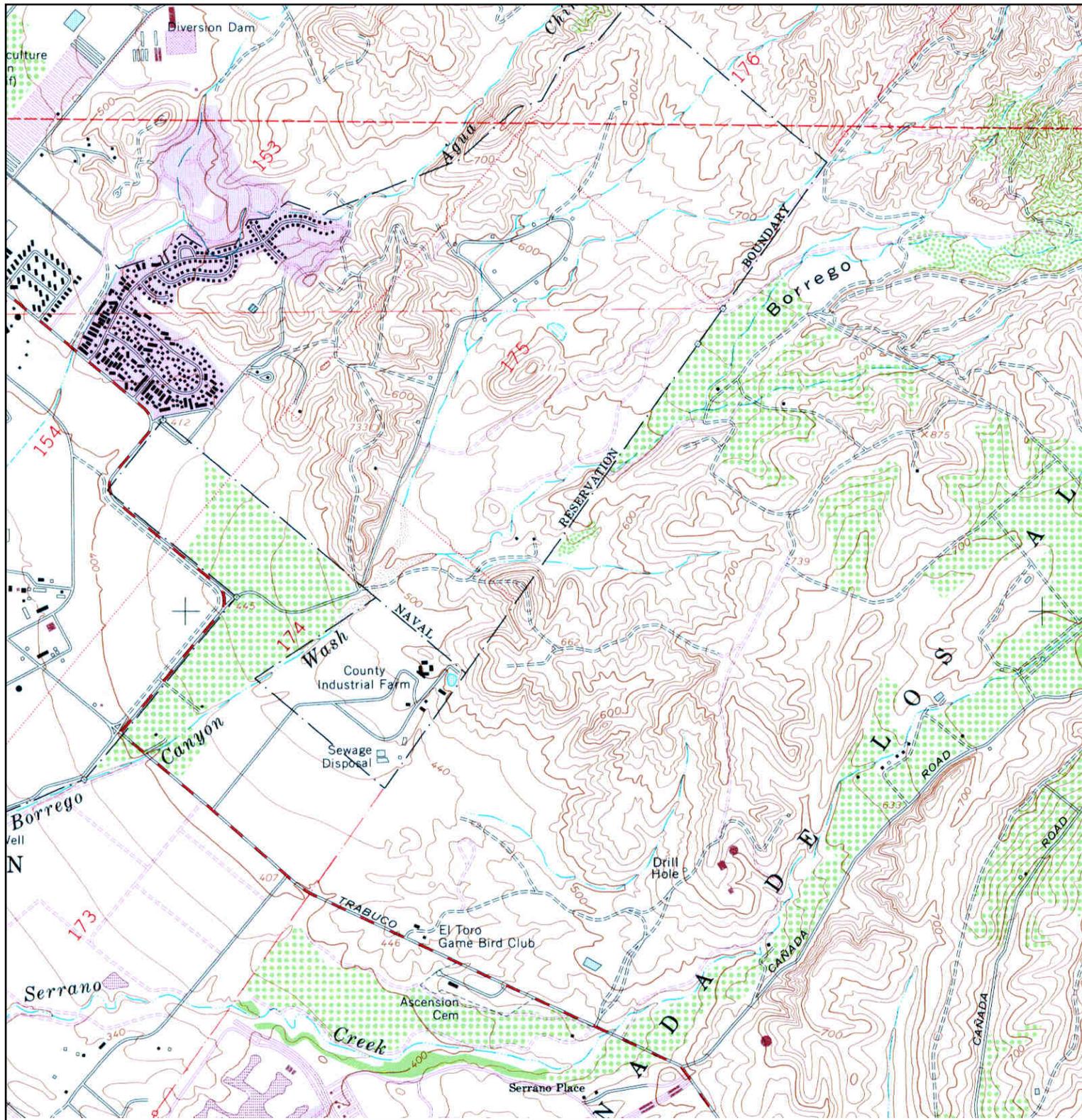
	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Lot 13 of Tract 13343	<b>CLIENT:</b> Geotek Inc
	<b>NAME:</b> EL TORO	<b>ADDRESS:</b> 25192 Commercentre Drive	<b>CONTACT:</b> Anna M. Scott
	<b>MAP YEAR:</b> 1950	Lake Forest, CA 92630	<b>INQUIRY#:</b> 3879196.4
	<b>SERIES:</b> 7.5	<b>LAT/LONG:</b> 33.6687 / -117.6907	<b>RESEARCH DATE:</b> 03/13/2014
	<b>SCALE:</b> 1:24000		

# Historical Topographic Map



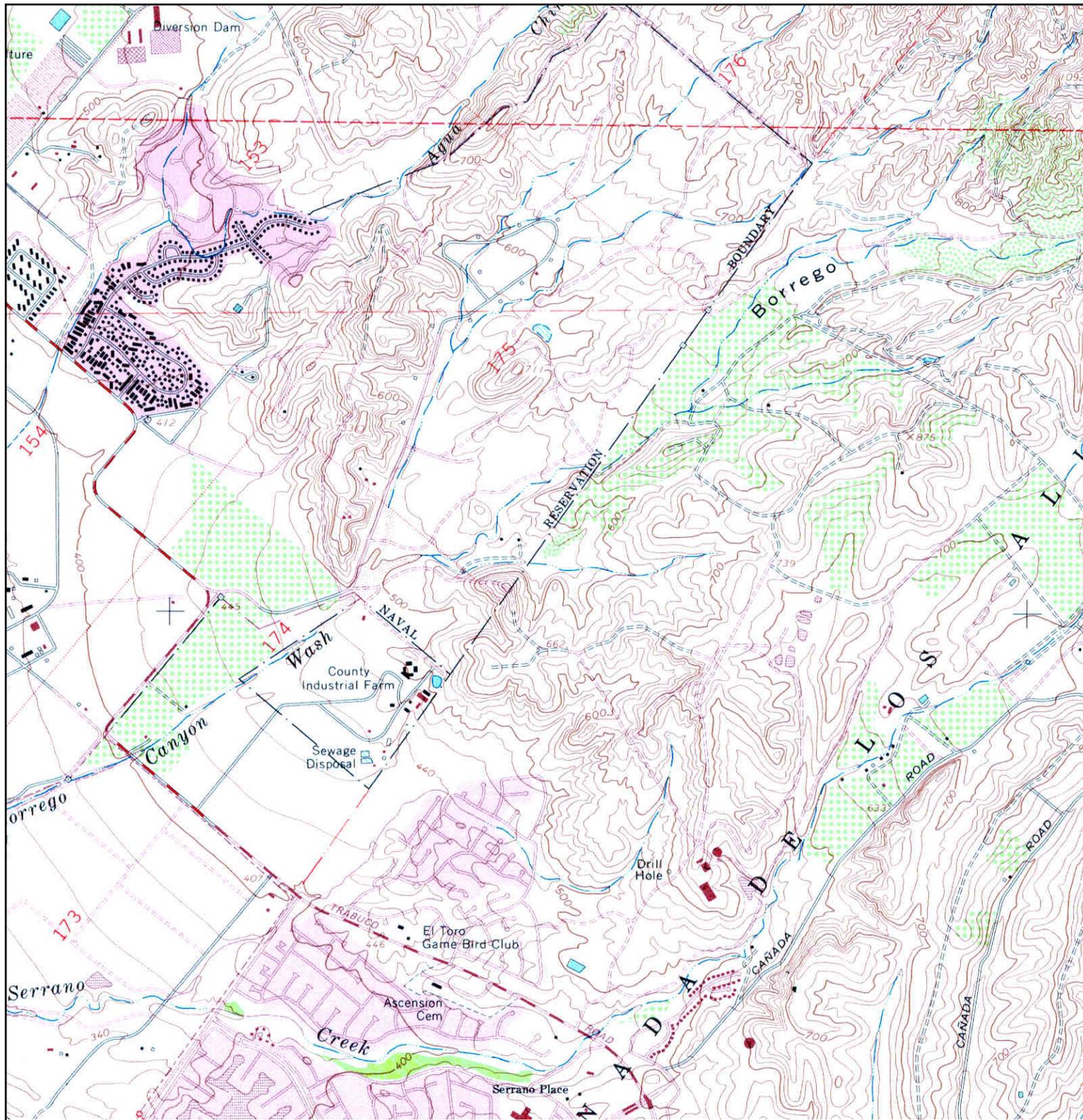
<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: EL TORO                  MAP YEAR: 1968</p>	<p><b>SITE NAME:</b> Lot 13 of Tract 13343  <b>ADDRESS:</b> 25192 Commercentre Drive                  Lake Forest, CA 92630  <b>LAT/LONG:</b> 33.6687 / -117.6907</p>	<p><b>CLIENT:</b> Geotek Inc  <b>CONTACT:</b> Anna M. Scott  <b>INQUIRY#:</b> 3879196.4  <b>RESEARCH DATE:</b> 03/13/2014</p>
	<p><b>SERIES:</b> 7.5  <b>SCALE:</b> 1:24000</p>		

# Historical Topographic Map



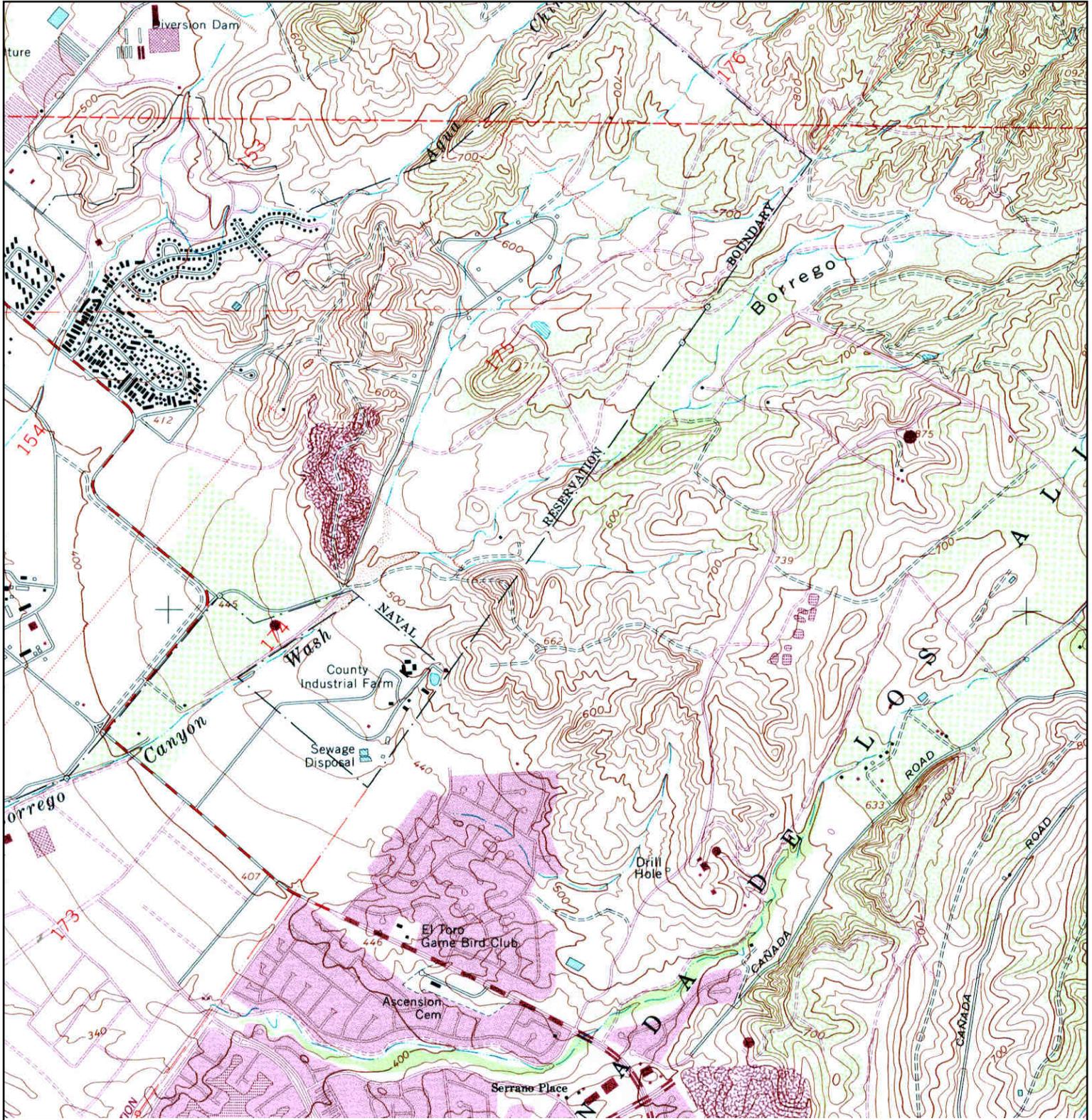
	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Lot 13 of Tract 13343	<b>CLIENT:</b> Geotek Inc
	<b>NAME:</b> EL TORO	<b>ADDRESS:</b> 25192 Commercentre Drive	<b>CONTACT:</b> Anna M. Scott
	<b>MAP YEAR:</b> 1978	Lake Forest, CA 92630	<b>INQUIRY#:</b> 3879196.4
	<b>PHOTOREVISED FROM :</b> 1968	<b>LAT/LONG:</b> 33.6687 / -117.6907	<b>RESEARCH DATE:</b> 03/13/2014
	<b>SERIES:</b> 7.5		
	<b>SCALE:</b> 1:24000		

# Historical Topographic Map



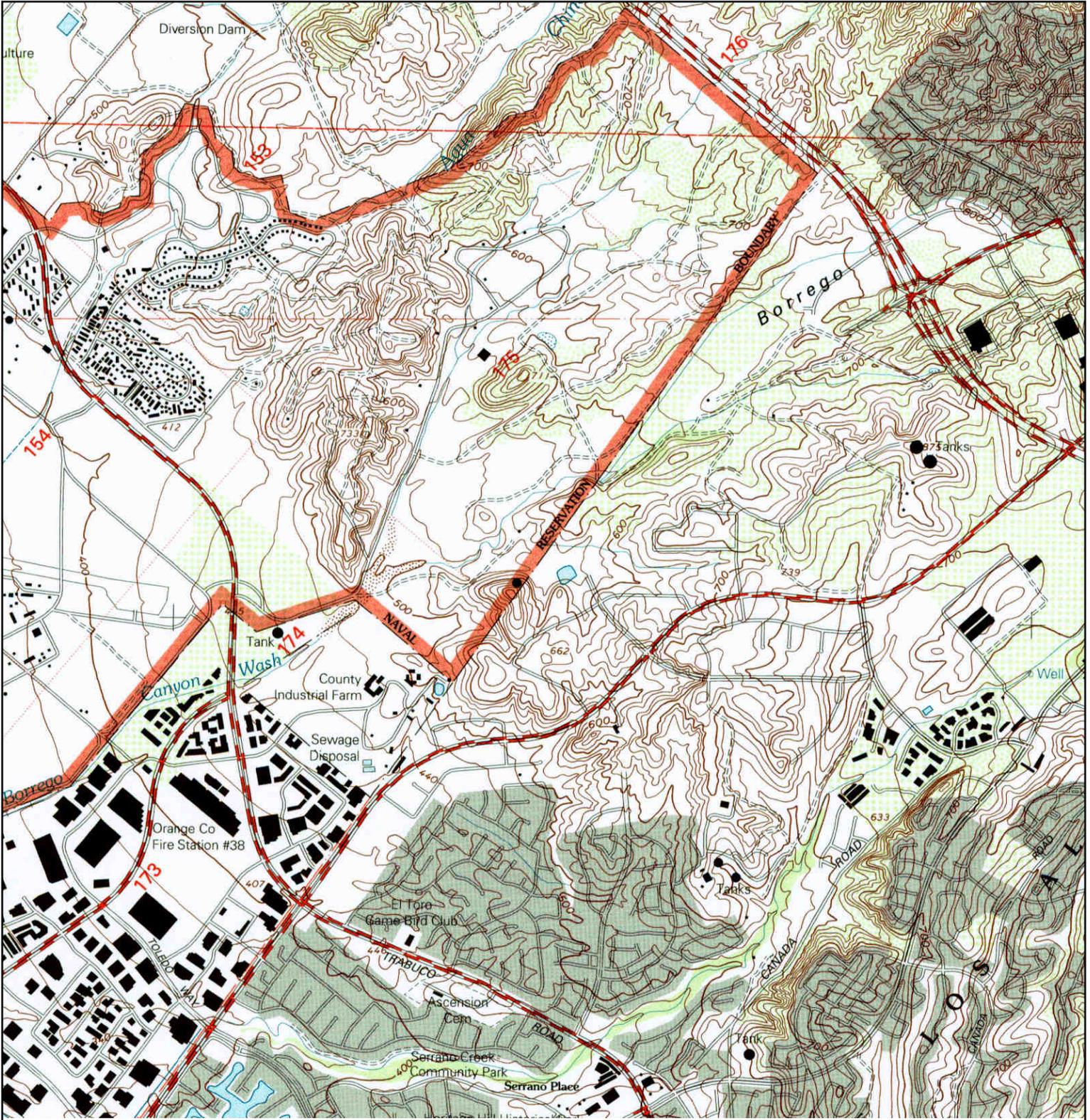
<p>N ↑</p>	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Lot 13 of Tract 13343	<b>CLIENT:</b> Geotek Inc
	NAME: EL TORO	<b>ADDRESS:</b> 25192 Commercentre Drive	<b>CONTACT:</b> Anna M. Scott
	MAP YEAR: 1981	Lake Forest, CA 92630	<b>INQUIRY#:</b> 3879196.4
	PHOTOREVISED FROM :1968	<b>LAT/LONG:</b> 33.6687 / -117.6907	<b>RESEARCH DATE:</b> 03/13/2014
	SERIES: 7.5		
	SCALE: 1:24000		

# Historical Topographic Map



<p>N ↑</p>	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Lot 13 of Tract 13343	<b>CLIENT:</b> Geotek Inc
	<b>NAME:</b> EL TORO	<b>ADDRESS:</b> 25192 Commercentre Drive	<b>CONTACT:</b> Anna M. Scott
	<b>MAP YEAR:</b> 1982	Lake Forest, CA 92630	<b>INQUIRY#:</b> 3879196.4
	<b>PHOTOREVISED FROM :</b> 1968	<b>LAT/LONG:</b> 33.6687 / -117.6907	<b>RESEARCH DATE:</b> 03/13/2014
	<b>SERIES:</b> 7.5		
	<b>SCALE:</b> 1:24000		

# Historical Topographic Map



<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: EL TORO                  MAP YEAR: 1997</p>	<p><b>SITE NAME:</b> Lot 13 of Tract 13343  <b>ADDRESS:</b> 25192 Commercentre Drive                  Lake Forest, CA 92630  <b>LAT/LONG:</b> 33.6687 / -117.6907</p>	<p><b>CLIENT:</b> Geotek Inc  <b>CONTACT:</b> Anna M. Scott  <b>INQUIRY#:</b> 3879196.4  <b>RESEARCH DATE:</b> 03/13/2014</p>
	<p><b>SERIES:</b> 7.5  <b>SCALE:</b> 1:24000</p>		

**Lot 13 of Tract 13343**

25192 Commercentre Drive  
Lake Forest, CA 92630

Inquiry Number: 3879196.6  
March 12, 2014

# 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.

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

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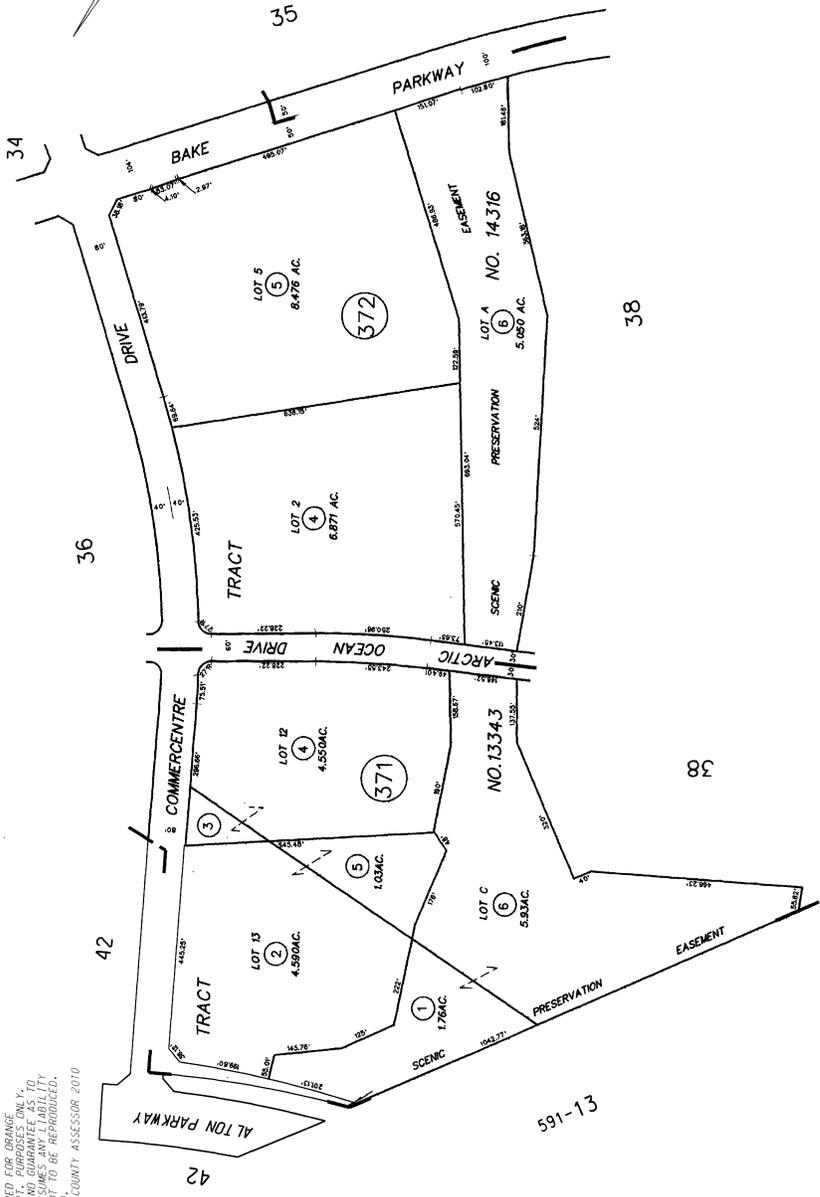
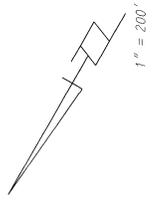
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610-37



EL-165

MARCH 1990

TRACT NO. 13343  
TRACT NO. 14316

M.M. 647 - 23 TO 32 INC.  
M.M. 679 - 15 TO 23 INC.

NOTE - ASSESSOR'S BLOCK & PARCEL NUMBERS SHOWN IN CIRCLES

ASSESSOR'S MAP BOOK 610 PAGE 37 COUNTY OF ORANGE



**Lot 13 of Tract 13343**

25192 Commercentre Drive  
Lake Forest, CA 92630

Inquiry Number: 3879196.9s  
March 18, 2014

## 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>				
Federal NPL	0.333	0	1	0
Federal CERCLIS	0.333	0	1	0
Federal RCRA CORRACTS facilities list	0.333	0	1	0
Federal RCRA TSD facilities list	0.333	0	1	0
Federal RCRA generators list	property	0	-	-
Federal institutional controls / engineering controls registries	0.333	0	1	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	not searched	-	-	-
<b>Other Standard Environmental Records</b>	<b>0.333</b>	<b>0</b>	<b>2</b>	<b>1</b>
<b>HISTORICAL USE RECORDS</b>				
Former manufactured Gas Plants	0.333	0	0	0
Historical Gas Stations	0.25	0	0	1
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

LOT 13 OF TRACT 13343  
25192 COMMERCENTRE DRIVE  
LAKE FOREST, CA 92630

### COORDINATES

Latitude (North):	33.6687 - 33° 40' 7.3242188"
Longitude (West):	117.6907 - 117° 41' 26.508179"
Elevation:	553 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: CORRALITOS  
 Soil Surface Texture: loamy sand  
 Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.  
 Soil Drainage Class: Somewhat excessively drained  
 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	9 inches	loamy sand	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: 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	9 inches	59 inches	stratified sand to loamy sand	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: 5.6

### Soil Map ID: 2

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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	7 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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: 42 Min: 14	Max: 6 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	7 inches	11 inches	sandy clay	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: 5.6
3	11 inches	20 inches	sandy 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: 5.6
4	20 inches	64 inches	sandy 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: 6.1
5	64 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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: 6.5 Min: 6.1

### Soil Map ID: 3

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	7 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: 42 Min: 14	Max: 7.3 Min: 5.6
2	7 inches	11 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

### Soil Map ID: 4

Soil Component Name: SAN ANDREAS

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	31 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6.5 Min: 5.6
2	31 inches	35 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

## EXECUTIVE SUMMARY

### Soil Map ID: 5

Soil Component Name: BOSANKO

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	20 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: 6.1
2	20 inches	31 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: 6.1
3	31 inches	35 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

### Soil Map ID: 6

Soil Component Name: CAPISTRANO

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

## 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	27 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: 5.6
2	27 inches	64 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: 5.6

### Soil Map ID: 7

Soil Component Name: METZ

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

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	loamy sand	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: 8.4 Min: 6.6
2	16 inches	62 inches	stratified sand to 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: 14 Min: 4	Max: 8.4 Min: 6.6

### Soil Map ID: 8

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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: 42 Min: 14	Max: 6 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	11 inches	18 inches	sandy clay	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: 5.6
3	18 inches	27 inches	sandy 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: 5.6
4	27 inches	70 inches	sandy 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: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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: 6.5 Min: 6.1

### Soil Map ID: 9

Soil Component Name: BALCOM

Soil Surface Texture: clay 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	29 inches	clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	29 inches	33 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

### Soil Map ID: 10

Soil Component Name: BALCOM

Soil Surface Texture: clay 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	33 inches	clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	33 inches	38 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

### Soil Map ID: 11

Soil Component Name: RIVERWASH

Soil Surface Texture: sand

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:

## EXECUTIVE SUMMARY

Hydric Status: All hydric  
 Corrosion Potential - Uncoated Steel: Not Reported  
 Depth to Bedrock Min: > 0 inches  
 Depth to Watertable Min: > 31 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: Min:
2	5 inches	59 inches	stratified coarse sand to 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: Min:

### Soil Map ID: 12

Soil Component Name: SOPER  
 Soil Surface Texture: gravelly 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: 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	9 inches	gravelly 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
2	9 inches	29 inches	gravelly 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: 4 Min: 1.4	Max: 7.8 Min: 6.1
3	29 inches	33 inches	weathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

### Soil Map ID: 13

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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: 42 Min: 14	Max: 6 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	11 inches	18 inches	sandy clay	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: 5.6
3	18 inches	27 inches	sandy 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: 5.6
4	27 inches	70 inches	sandy 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: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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: 6.5 Min: 6.1

### Soil Map ID: 14

Soil Component Name:                   SORRENTO

Soil Surface Texture:                   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: 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	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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 6.1
2	11 inches	61 inches	silty 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: 14.11 Min: 1	Max: 8.4 Min: 7.9
3	61 inches	72 inches	stratified loamy fine sand to silt 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: 8.4 Min: 7.9

### Soil Map ID: 15

Soil Component Name: CAPISTRANO

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

## 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	27 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: 5.6
2	27 inches	64 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: 5.6

### Soil Map ID: 16

Soil Component Name: SAN EMIGDIO

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: 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	7 inches	fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	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		
2	7 inches	61 inches	stratified gravelly loamy coarse sand to very fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.9

### Soil Map ID: 17

Soil Component Name: CALLEGUAS

Soil Surface Texture: clay loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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 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: 8.4 Min: 7.9
2	14 inches	18 inches	weathered bedrock	Not reported	Not reported	Max: 1.4 Min: 0	Max: Min:

# EXECUTIVE SUMMARY

## SEARCH RESULTS

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

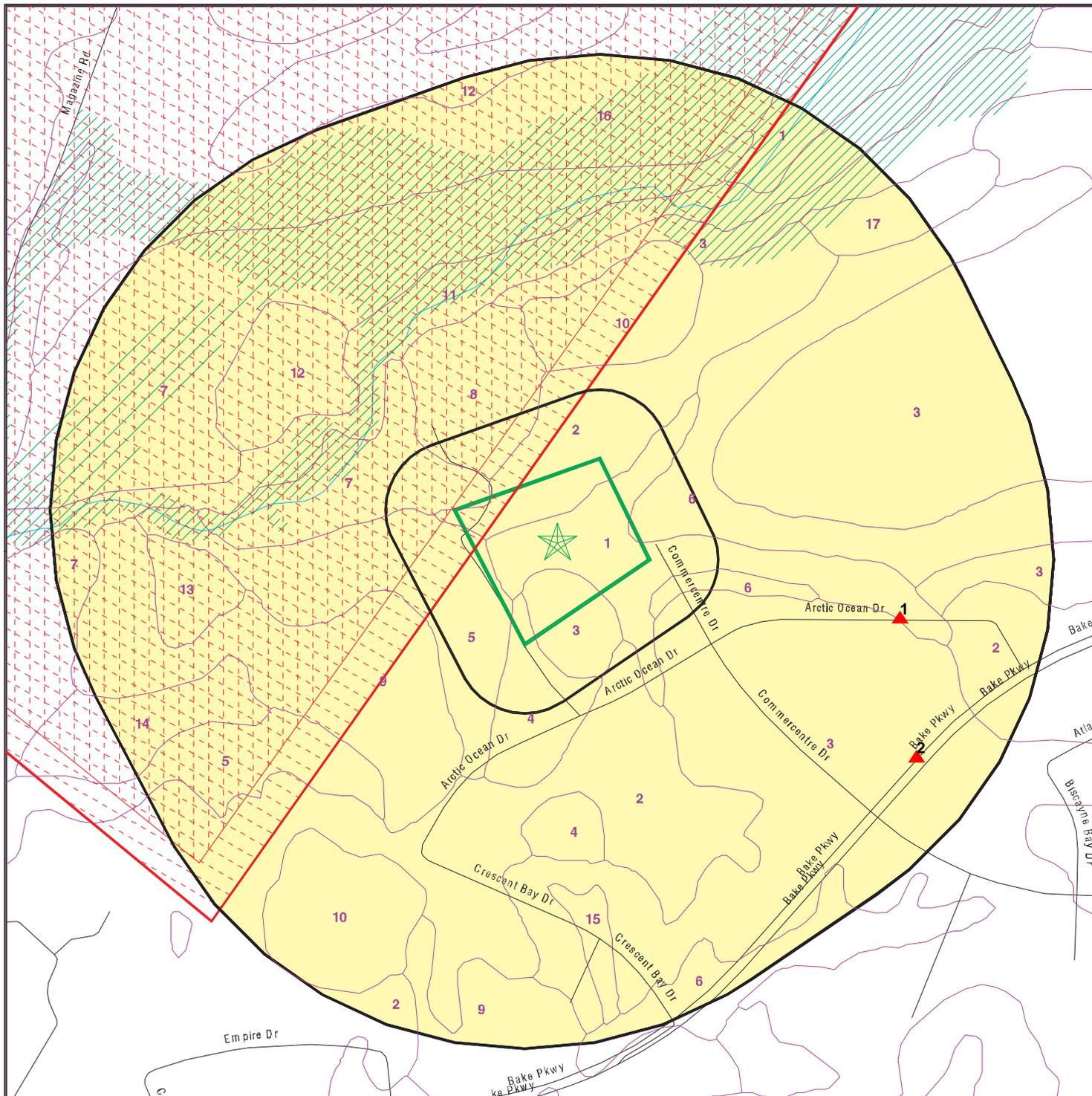
## STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
EL TORO MARINE CORPS AIR STATION  CERCLIS: Federal CERCLIS RCRA-SQG: Federal RCRA generators list PRP: Other Standard Environmental Records US ENG CONTROLS: Federal institutional controls / engineering controls registries RAATS: Other Standard Environmental Records CORRACTS: Federal RCRA CORRACTS facilities list US INST CONTROL: Federal institutional controls / engineering controls registries ROD: Federal NPL RCRA-TSDF: Federal RCRA TSD facilities list NPL: Federal NPL	EL TORO MARINE CORPS AIR STA	<1/10 N	Region	23
EL TORO MARINE CORPS AIR STATION (CLOSED) DOD: Other Standard Environmental Records	Not Reported	<1/10 WNW	Region	24
GREENWASTE, R & S SOIL PRODUCTS, INC.-LAKE FOREST WMUDS/SWAT: Other Standard Environmental Records ENF: Other Standard Environmental Records WDS: Other Standard Environmental Records LDS: Other Standard Environmental Records	20200 BAKE PARKWAY	1/10 - 1/3 ESE	▲ 2	26

## HISTORICAL USE RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
25471 ARCTIC OCEAN DR EDR US Hist Auto Stat: Historical Gas Stations	25471 ARCTIC OCEAN DR	1/10 - 1/3 ESE	▲ 1	25

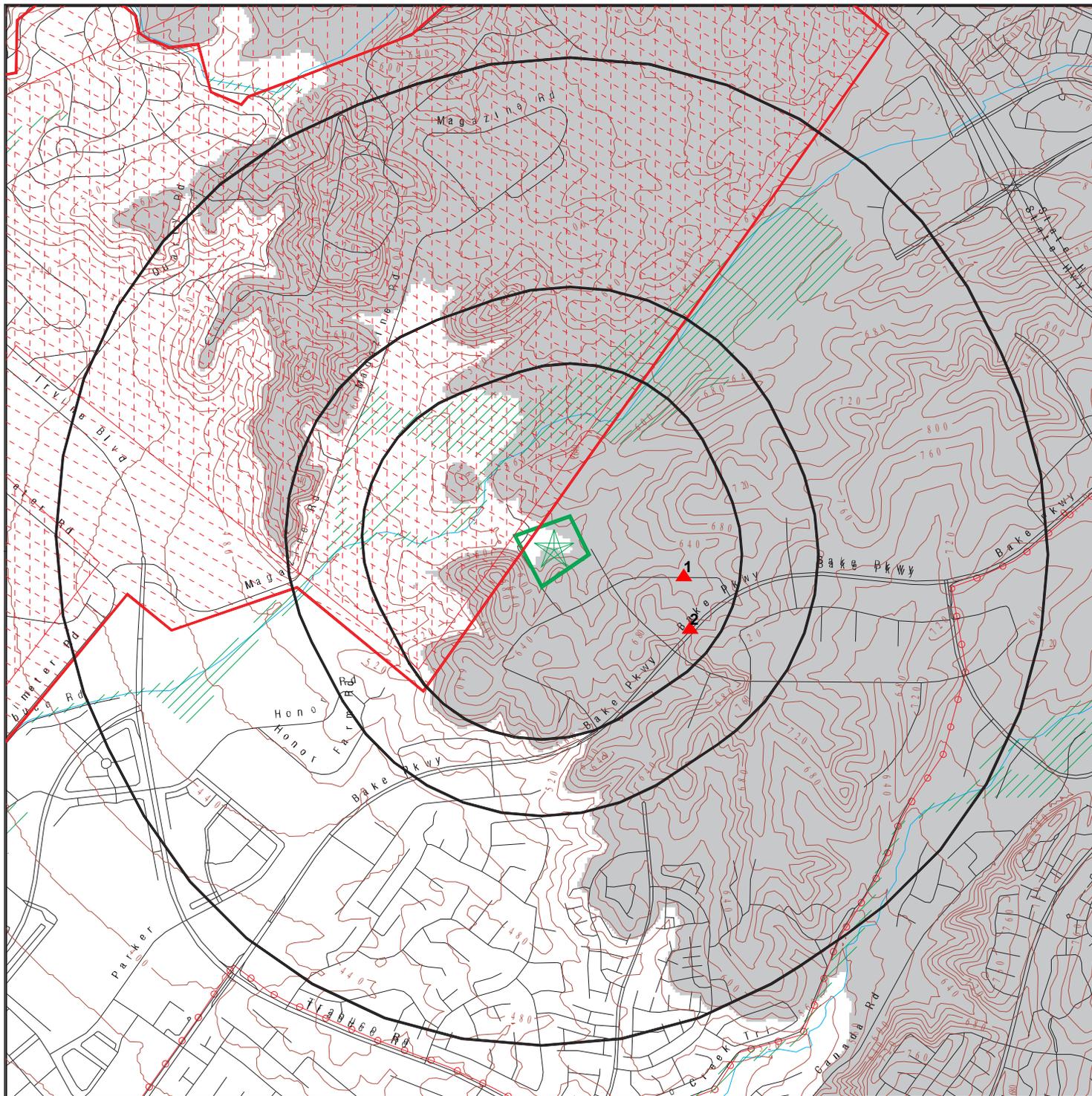
# PRIMARY MAP - 3879196.9s



- |   |                               |  |
|---|-------------------------------|--|
| Target Property   | Indian Reservations BIA       | Groundwater Flow Direction                 |
| Sites at elevations higher than or equal to the target property | Oil & Gas pipelines from USGS | 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   |                               |  |

<p>SITE NAME: Lot 13 of Tract 13343          ADDRESS: 25192 Commercentre Drive          Lake Forest CA 92630          LAT/LONG: 33.6687 / 117.6907</p>	<p>CLIENT: Geotek Inc          CONTACT: Anna M. Scott          INQUIRY #: 3879196.9s          DATE: March 13, 2014 0:35 am</p>
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# SECONDARY MAP - 3879196.9s



- |   |   |  |
|---|---|--|
|  Target Property   |  Indian Reservations BIA       |  Upgradient Area  |
|  Sites at elevations higher than or equal to the target property |  Contour Lines                 |  Areas of Concern |
|  Sites at elevations lower than the target property              |  Power transmission lines      |  |
|  Manufactured Gas Plants   |  Oil & Gas pipelines from USGS |  |
|  National Priority List Sites                                    |  100-year flood zone           |  |
|  Dept. Defense Sites   |  500-year flood zone           |  |



SITE NAME: Lot 13 of Tract 13343  
 ADDRESS: 25192 Commercentre Drive  
 Lake Forest CA 92630  
 LAT/LONG: 33.6687 / 117.6907

CLIENT: Geotek Inc  
 CONTACT: Anna M. Scott  
 INQUIRY #: 3879196.9s  
 DATE: March 13, 2014 0:33 am

# AERIAL PHOTOGRAPHY - 3879196.9s



SITE NAME: Lot 13 of Tract 13343  
ADDRESS: 25192 Commercentre Drive  
Lake Forest CA 92630  
LAT/LONG: 33.6687 / 117.6907

CLIENT: Geotek Inc  
CONTACT: Anna M. Scott  
INQUIRY #: 3879196.9s  
DATE: March 13, 2014 0:36 am

MAP FINDINGS

**LEGEND**

<b>FACILITY NAME</b>		<b>FACILITY ADDRESS, CITY, ST, ZIP</b>		<b>EDR SITE ID NUMBER</b>
<b>▼ MAP ID#</b>	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		
<b>Worksheet:</b>				
<b>Comments:</b> Comments may be added on the online Vapor Encroachment Worksheet.				

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

EL TORO MARINE CORPS AIR STATION		EL TORO MARINE CORPS AIR STA, EL TORO, CA, 92709		1000417911
Region	N <1/10	(0 ft. / 0 mi.)	Federal NPL Federal CERCLIS Federal RCRA CORRACTS facilities list Federal RCRA TSD facilities list Federal RCRA generators list Federal institutional controls / engineering controls registries Other Standard Environmental Records	

**Worksheet:**

MAP FINDINGS

EL TORO MARINE CORPS AIR STATION (CLOSED) Not Reported, , CA,		CUSA143948
Region	WNW <1/10 (14 ft. / 0.003 mi.)	Other Standard Environmental Records

Worksheet:

MAP FINDINGS

25471 ARCTIC OCEAN DR 25471 ARCTIC OCEAN DR, LAKE FOREST, CA, 92630		1015367716
▲ 1	ESE 1/10 - 1/3 70 ft. Higher Elevation	(1120 ft. / 0.212 mi.) 623 ft. Above Sea Level
Historical Gas Stations		

**Worksheet:**

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

MAP FINDINGS

GREENWASTE, R & S SOIL PRODUCTS, INC.-LAKE FOREST 20200 BAKE PARKWAY, LAKE FOREST, CA, 92630			S103443284
▲ 2	ESE 1/10 - 1/3 122 ft. Higher Elevation	(1448 ft. / 0.274 mi.) 675 ft. Above Sea Level	Other Standard Environmental Records

**Worksheet:**

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

# 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: 04/15/2013

Source: EPA

Number of Days to Update: 72

Telephone: 202-564-6023

Last EDR Contact :01/02/2014

### **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: 11/01/2013

Source: Environmental Protection Agency

Number of Days to Update: 63

Telephone: 202-564-8600

Last EDR Contact :01/27/2014

### **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: 01/22/2014

Source: Alameda County Environmental Health Services

Number of Days to Update: 20

Telephone: 510-567-6700

Last EDR Contact :12/30/2013

### **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 :01/03/2014

### **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: 01/22/2014

Source: Alameda County Environmental Health Services

Number of Days to Update: 19

Telephone: 510-567-6700

Last EDR Contact :12/30/2013

### **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: 03/05/2009

Source: Engineering & Construction Division

Number of Days to Update: 29

Telephone: 213-473-7869

Last EDR Contact :01/20/2014

### **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: 06/30/2013

Source: Department of Toxic Substances Control

Number of Days to Update: 37

Telephone: 916-255-6504

Last EDR Contact :02/24/2014

### **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).

## RECORD SOURCES AND CURRENCY

Date of Government Version: 10/14/2013  
Number of Days to Update: 34  
Last EDR Contact :01/30/2014

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: 11/18/2013  
Number of Days to Update: 42  
Last EDR Contact :02/05/2014

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: 12/30/2013  
Number of Days to Update: 42  
Last EDR Contact :12/31/2013

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: 12/05/2013  
Number of Days to Update: 24  
Last EDR Contact :03/10/2014

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: 08/01/2013  
Number of Days to Update: 20  
Last EDR Contact :01/13/2014

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: 09/30/2013  
Number of Days to Update: 56  
Last EDR Contact :12/30/2013

Source: Calveras County Environmental Health  
Telephone: 209-754-6399

**CUPA COLUSA:** CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records  
Cupa facility list.

Date of Government Version: 12/05/2013  
Number of Days to Update: 53

Source: Health & Human Services  
Telephone: 530-458-0396

## RECORD SOURCES AND CURRENCY

Last EDR Contact :02/24/2014

**CUPA DEL NORTE:** CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records  
Cupa Facility list

Date of Government Version: 01/09/2013

Source: Del Norte County Environmental Health Division

Number of Days to Update: 46

Telephone: 707-465-0426

Last EDR Contact :11/04/2013

**CUPA EL DORADO:** CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records  
CUPA facility list.

Date of Government Version: 11/18/2013

Source: El Dorado County Environmental Management Department

Number of Days to Update: 56

Telephone: 530-621-6623

Last EDR Contact :02/04/2014

**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: 12/31/2013

Source: Dept. of Community Health

Number of Days to Update: 28

Telephone: 559-445-3271

Last EDR Contact :01/13/2014

**CUPA HUMBOLDT:** CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records  
CUPA facility list.

Date of Government Version: 12/16/2013

Source: Humboldt County Environmental Health

Number of Days to Update: 21

Telephone: Not Reported

Last EDR Contact :02/24/2014

**CUPA IMPERIAL:** CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records  
Cupa facility list.

Date of Government Version: 01/27/2014

Source: San Diego Border Field Office

Number of Days to Update: 14

Telephone: 760-339-2777

Last EDR Contact :01/27/2014

**CUPA INYO:** CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records  
Cupa facility list.

Date of Government Version: 09/10/2013

Source: Inyo County Environmental Health Services

Number of Days to Update: 33

Telephone: 760-878-0238

Last EDR Contact :02/24/2014

**CUPA KINGS:** CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

## RECORD SOURCES AND CURRENCY

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

Date of Government Version: 12/12/2013  
Number of Days to Update: 25  
Last EDR Contact :02/24/2014

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: 01/23/2013  
Number of Days to Update: 33  
Last EDR Contact :01/20/2014

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: 12/09/2013  
Number of Days to Update: 72  
Last EDR Contact :02/24/2014

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: 11/21/2013  
Number of Days to Update: 91  
Last EDR Contact :03/10/2014

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: 12/02/2013  
Number of Days to Update: 30  
Last EDR Contact :03/03/2014

Source: Mono County Health Department  
Telephone: 760-932-5580

### **CUPA MONTEREY:** CUPA Facility Listing

Standard Environmental Record Source: Other Standard Environmental Records  
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/09/2014  
Number of Days to Update: 35  
Last EDR Contact :02/24/2014

Source: Monterey County Health Department  
Telephone: 831-796-1297

### **CUPA NEVADA:** CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records

## RECORD SOURCES AND CURRENCY

CUPA facility list.

Date of Government Version: 11/06/2013  
Number of Days to Update: 27  
Last EDR Contact :02/14/2014

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: 11/21/2013  
Number of Days to Update: 94  
Last EDR Contact :02/24/2014

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 :02/24/2014

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: 12/03/2013  
Number of Days to Update: 54  
Last EDR Contact :03/03/2014

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: 12/09/2013  
Number of Days to Update: 24  
Last EDR Contact :02/24/2014

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: 12/03/2013  
Number of Days to Update: 29  
Last EDR Contact :02/24/2014

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789

**CUPA SONOMA:** Cupa Facility List

Standard Environmental Record Source: Other Standard Environmental Records  
Cupa Facility list

Date of Government Version: 12/31/2013  
Number of Days to Update: 40  
Last EDR Contact :12/30/2013

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174

## RECORD SOURCES AND CURRENCY

### **CUPA TUOLUMNE:** CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records  
Cupa facility list

Date of Government Version: 11/04/2013  
Number of Days to Update: 28  
Last EDR Contact :01/27/2014

Source: Divison of Environmental Health  
Telephone: 209-533-5633

### **CUPA YUBA:** CUPA Facility List

Standard Environmental Record Source: Other Standard Environmental Records  
CUPA facility listing for Yuba County.

Date of Government Version: 12/06/2013  
Number of Days to Update: 25  
Last EDR Contact :12/06/2013

Source: Yuba County Environmental Health Department  
Telephone: 530-749-7523

### **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: 12/09/2013  
Number of Days to Update: 24  
Last EDR Contact :03/11/2014

Source: DTSC and SWRCB  
Telephone: 916-323-3400

### **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: 09/10/2013  
Number of Days to Update: 35  
Last EDR Contact :03/10/2014

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498

### **EL SEGUNDO UST:** City of El Segundo Underground Storage Tank

Standard Environmental Record Source: State and tribal registered storage tank lists  
Underground storage tank sites located in El Segundo city.

Date of Government Version: 10/21/2013  
Number of Days to Update: 33  
Last EDR Contact :01/20/2014

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236

### **EMI:** Emissions Inventory Data

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

## RECORD SOURCES AND CURRENCY

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2010

Source: California Air Resources Board

Number of Days to Update: 58

Telephone: 916-322-2990

Last EDR Contact :12/26/2013

### **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: 08/09/2013

Source: State Water Resources Control Board

Number of Days to Update: 56

Telephone: 916-445-9379

Last EDR Contact :02/10/2014

### **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: 11/06/2013

Source: Department of Toxic Substances Control

Number of Days to Update: 27

Telephone: 916-323-3400

Last EDR Contact :02/06/2014

### **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: 11/20/2013

Source: Integrated Waste Management Board

Number of Days to Update: 36

Telephone: 916-341-6422

Last EDR Contact :02/14/2014

### **HAZNET:** Facility and Manifest Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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.

Date of Government Version: 12/31/2012

Source: California Environmental Protection Agency

Number of Days to Update: 41

Telephone: 916-255-1136

Last EDR Contact :01/17/2014

### **HIST CAL-SITES:** Calsites Database

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

## RECORD SOURCES AND CURRENCY

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 [CALSTITES]. 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

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

Date of Government Version: 11/25/2013

Source: Department of Toxic Substances Control

Number of Days to Update: 35

Telephone: 916-323-3400

Last EDR Contact :02/25/2014

### **HWT:** Registered Hazardous Waste Transporter Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

## RECORD SOURCES AND CURRENCY

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

Date of Government Version: 01/13/2014

Source: Department of Toxic Substances Control

Number of Days to Update: 28

Telephone: 916-440-7145

Last EDR Contact :01/14/2014

### **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: 08/31/2010

Source: Kern County Environment Health Services Department

Number of Days to Update: 29

Telephone: 661-862-8700

Last EDR Contact :02/10/2014

### **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: 01/30/2013

Source: Community Health Services

Number of Days to Update: 32

Telephone: 323-890-7806

Last EDR Contact :01/20/2014

### **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: 12/16/2013

Source: State Water Quality Control Board

Number of Days to Update: 18

Telephone: 866-480-1028

Last EDR Contact :12/17/2013

### **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: 01/17/2014

Source: Department of Toxic Substances Control

Number of Days to Update: 21

Telephone: 916-323-3400

Last EDR Contact :03/10/2014

### **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: 03/28/2003

Source: City of Long Beach Fire Department

Number of Days to Update: 34

Telephone: 562-570-2563

Last EDR Contact :01/30/2014

### **LOS ANGELES CO. HMS:** HMS: Street Number List

## RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/28/2013  
Number of Days to Update: 65  
Last EDR Contact :01/13/2014

Source: Department of Public Works  
Telephone: 626-458-3517

### **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: 01/20/2014  
Number of Days to Update: 21  
Last EDR Contact :01/21/2014

Source: La County Department of Public Works  
Telephone: 818-458-5185

### **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: 12/16/2013  
Number of Days to Update: 18  
Last EDR Contact :12/17/2013

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

### **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  
Number of Days to Update: 29  
Last EDR Contact :08/01/2011

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

### **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.

Date of Government Version: 09/30/2004  
Number of Days to Update: 30  
Last EDR Contact :09/19/2011

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

### **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  
Number of Days to Update: 14

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

## RECORD SOURCES AND CURRENCY

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

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)

## RECORD SOURCES AND CURRENCY

Number of Days to Update: 41  
Last EDR Contact :08/15/2011

Telephone: 909-782-4496

### **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: 12/02/2013

Source: Department of Environmental Health

Number of Days to Update: 30

Telephone: 408-918-3417

Last EDR Contact :03/03/2014

### **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: 01/03/2014

Source: Public Works Department Waste Management

Number of Days to Update: 34

Telephone: 415-499-6647

Last EDR Contact :01/03/2014

### **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: 12/16/2013

Source: State Water Resources Control Board

Number of Days to Update: 18

Telephone: 866-480-1028

Last EDR Contact :12/17/2013

### **MED WASTE VENTURA:** Medical Waste Program List

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: 10/02/2013

Source: Ventura County Resource Management Agency

Number of Days to Update: 28

Telephone: 805-654-2813

Last EDR Contact :10/28/2013

### **MWMP:** Medical Waste Management Program Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

## RECORD SOURCES AND CURRENCY

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: 09/20/2013  
Number of Days to Update: 24  
Last EDR Contact :03/10/2014

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 :03/03/2014

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 :03/03/2014

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: 10/21/1993  
Number of Days to Update: 18  
Last EDR Contact :12/17/2013

Source: State Water Resources Control Board  
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: 11/19/2013  
Number of Days to Update: 42  
Last EDR Contact :02/18/2014

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: 11/04/2013  
Number of Days to Update: 21  
Last EDR Contact :02/10/2014

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

## RECORD SOURCES AND CURRENCY

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/04/2013

Source: Health Care Agency

Number of Days to Update: 21

Telephone: 714-834-3446

Last EDR Contact :02/10/2014

**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: 11/04/2013

Source: Health Care Agency

Number of Days to Update: 21

Telephone: 714-834-3446

Last EDR Contact :02/10/2014

**PLACER CO. MS:** Master List of Facilities

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/09/2013

Source: Placer County Health and Human Services

Number of Days to Update: 28

Telephone: 530-745-2363

Last EDR Contact :03/10/2014

**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: 12/16/2013

Source: Department of Conservation

Number of Days to Update: 21

Telephone: 916-323-3836

Last EDR Contact :12/17/2013

**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: 11/06/2013

Source: Department of Toxic Substances Control

Number of Days to Update: 27

Telephone: 916-323-3400

Last EDR Contact :02/06/2014

**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: 01/14/2014

Source: Department of Environmental Health

Number of Days to Update: 27

Telephone: 951-358-5055

Last EDR Contact :12/19/2013

**RIVERSIDE CO. UST:** Underground Storage Tank Tank List

## RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: State and tribal registered storage tank lists  
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/14/2014

Source: Department of Environmental Health

Number of Days to Update: 28

Telephone: 951-358-5055

Last EDR Contact :12/19/2013

### **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

Last EDR Contact :03/10/2014

### **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: 10/31/2013

Source: Department of Health Services

Number of Days to Update: 42

Telephone: 619-338-2209

Last EDR Contact :02/14/2014

### **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 :03/10/2014

### **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 :02/10/2014

### **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

# RECORD SOURCES AND CURRENCY

Last EDR Contact :02/10/2014

**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: 11/12/2013

Source: City of San Jose Fire Department

Number of Days to Update: 49

Telephone: 408-535-7694

Last EDR Contact :02/10/2014

**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: 12/12/2013

Source: San Mateo County Environmental Health Services Division

Number of Days to Update: 21

Telephone: 650-363-1921

Last EDR Contact :12/12/2013

**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: 11/06/2013

Source: Department of Toxic Substances Control

Number of Days to Update: 27

Telephone: 916-323-3400

Last EDR Contact :02/06/2014

**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: 12/16/2013

Source: State Water Resources Control Board

Number of Days to Update: 30

Telephone: 866-480-1028

Last EDR Contact :12/17/2013

**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

## 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: 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

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

## RECORD SOURCES AND CURRENCY

### **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

### **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: 12/16/2013

Source: Solano County Department of Environmental Management

Number of Days to Update: 21

Telephone: 707-784-6770

Last EDR Contact :12/12/2013

### **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: 12/16/2013

Source: Solano County Department of Environmental Management

Number of Days to Update: 20

Telephone: 707-784-6770

Last EDR Contact :12/12/2013

### **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: 01/03/2014

Source: Department of Health Services

Number of Days to Update: 39

Telephone: 707-565-6565

Last EDR Contact :12/30/2013

### **SUTTER CO. UST: Underground Storage Tanks**

## RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: State and tribal registered storage tank lists  
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/10/2013  
Number of Days to Update: 24  
Last EDR Contact :03/10/2014

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500

### **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  
Number of Days to Update: 35  
Last EDR Contact :06/03/2005

Source: State Water Resources Control Board  
Telephone: Not Reported

### **SWF/LF (SWIS):** Solid Waste Information System

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 criteriafor solid waste landfills or disposal sites.

Date of Government Version: 11/18/2013  
Number of Days to Update: 42  
Last EDR Contact :02/18/2014

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: 12/16/2013  
Number of Days to Update: 21  
Last EDR Contact :12/17/2013

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: 11/21/2013  
Number of Days to Update: 33  
Last EDR Contact :01/06/2014

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

## RECORD SOURCES AND CURRENCY

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

Date of Government Version: 11/21/2013  
Number of Days to Update: 33  
Last EDR Contact :01/06/2014

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: 11/26/2013  
Number of Days to Update: 34  
Last EDR Contact :02/10/2014

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

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

Date of Government Version: 01/13/2014  
Number of Days to Update: 28  
Last EDR Contact :12/16/2013

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921

### **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: 07/15/2013  
Number of Days to Update: 33  
Last EDR Contact :01/13/2014

Source: City of Torrance Fire Department  
Telephone: 310-618-2973

### **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  
Number of Days to Update: 27  
Last EDR Contact :01/26/2009

Source: State Water Resources Control Board  
Telephone: 916-227-4364

### **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: 09/25/2013  
Number of Days to Update: 21

Source: Department of Conservation  
Telephone: 916-445-2408

## RECORD SOURCES AND CURRENCY

Last EDR Contact :12/17/2013

### **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: 12/16/2013

Source: SWRCB

Number of Days to Update: 21

Telephone: 916-341-5851

Last EDR Contact :12/17/2013

### **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: 09/23/2009

Source: Department of Public Health

Number of Days to Update: 8

Telephone: 707-463-4466

Last EDR Contact :03/03/2014

### **UST SAN JOAQUIN: San Joaquin Co. UST**

Standard Environmental Record Source: State and tribal registered storage tank lists

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

Date of Government Version: 12/18/2013

Source: Environmental Health Department

Number of Days to Update: 20

Telephone: Not Reported

Last EDR Contact :12/17/2013

### **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: 11/06/2013

Source: Department of Toxic Substances Control

Number of Days to Update: 27

Telephone: 916-323-3400

Last EDR Contact :02/06/2014

### **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: 10/29/2013

Source: Ventura County Environmental Health Division

Number of Days to Update: 54

Telephone: 805-654-2813

Last EDR Contact :02/18/2014

### **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

## RECORD SOURCES AND CURRENCY

Last EDR Contact :01/03/2014

**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 :02/17/2014

**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: 11/26/2013

Source: Environmental Health Division

Number of Days to Update: 21

Telephone: 805-654-2813

Last EDR Contact :12/16/2013

**WDS:** Waste Discharge System

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

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 :02/24/2014

**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 :12/26/2013

**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 :02/10/2014

**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.

## RECORD SOURCES AND CURRENCY

Date of Government Version: 12/18/2013  
Number of Days to Update: 15  
Last EDR Contact :12/17/2013

Source: Yolo County Department of Health  
Telephone: 530-666-8646

### **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: 11/11/2011  
Number of Days to Update: 7  
Last EDR Contact :02/14/2014

Source: Environmental Protection Agency  
Telephone: 703-308-4044

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

Standard Environmental Record Source: Federal CERCLIS  
Search Distance: 0.333 Mile

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  
Number of Days to Update: 94  
Last EDR Contact :02/28/2014

Source: EPA  
Telephone: 703-412-9810

### **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  
Number of Days to Update: 94  
Last EDR Contact :02/28/2014

Source: EPA  
Telephone: 703-412-9810

### **COAL ASH DOE:** Sleam-Electric Plan 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  
Number of Days to Update: 76  
Last EDR Contact :01/13/2014

Source: Department of Energy  
Telephone: 202-586-8719

### **COAL ASH EPA:** Coal Combustion Residues Surface Impoundments List

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: 0.333 Mile

## RECORD SOURCES AND CURRENCY

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

Date of Government Version: 08/17/2010

Source: Environmental Protection Agency

Number of Days to Update: 77

Telephone: Not Reported

Last EDR Contact :03/11/2014

### **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: 12/31/2013

Source: Department of Justice, Consent Decree Library

Number of Days to Update: 31

Telephone: Varies

Last EDR Contact :12/26/2013

### **CORRACTS:** Corrective Action Report

Standard Environmental Record Source: Federal RCRA CORRACTS facilities list

Search Distance: 0.333 Mile

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/10/2013

Source: EPA

Number of Days to Update: 75

Telephone: 800-424-9346

Last EDR Contact :01/02/2014

### **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 :01/27/2014

### **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: 10/25/2013

Source: EPA

Number of Days to Update: 78

Telephone: Not Reported

Last EDR Contact :01/09/2014

### **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

## RECORD SOURCES AND CURRENCY

Number of Days to Update: 42  
Last EDR Contact :02/06/2014

Telephone: 202-366-4595

### **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: 06/30/2013  
Number of Days to Update: 31  
Last EDR Contact :02/10/2014

Source: Environmental Protection Agency  
Telephone: 617-520-3000

### **ERNS:** Emergency Response Notification System

Standard Environmental Record Source: Federal ERNS list  
Search Distance: Property

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

Date of Government Version: 09/30/2013  
Number of Days to Update: 66  
Last EDR Contact :02/07/2014

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 :01/13/2014

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: 11/18/2013  
Number of Days to Update: 13  
Last EDR Contact :12/10/2013

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

## RECORD SOURCES AND CURRENCY

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 :02/24/2014

**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 :02/24/2014

**FUDS:** Formerly Used Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 12/31/2011

Source: U.S. Army Corps of Engineers

Number of Days to Update: 15

Telephone: 202-528-4285

Last EDR Contact :03/10/2014

**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: 12/31/2013

Source: U.S. Department of Transportation

Number of Days to Update: 52

Telephone: 202-366-4555

Last EDR Contact :01/03/2014

**ICIS:** Integrated Compliance Information System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

## RECORD SOURCES AND CURRENCY

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: 07/20/2011

Source: Environmental Protection Agency

Number of Days to Update: 61

Telephone: 202-564-5088

Last EDR Contact :10/09/2014

### **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: 02/01/2013

Source: EPA Region 1

Number of Days to Update: 184

Telephone: 617-918-1313

Last EDR Contact :01/30/2014

### **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.

Date of Government Version: 11/06/2013

Source: EPA Region 10

Number of Days to Update: 29

Telephone: 206-553-2857

Last EDR Contact :01/27/2014

### **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: 11/21/2013

Source: EPA Region 4

Number of Days to Update: 90

Telephone: 404-562-8677

Last EDR Contact :01/27/2014

### **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: 02/13/2014

Source: EPA, Region 5

Number of Days to Update: 10

Telephone: 312-886-7439

Last EDR Contact :01/27/2014

### **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: 09/12/2011

Source: EPA Region 6

Number of Days to Update: 59

Telephone: 214-665-6597

Last EDR Contact :02/21/2014

### **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: 08/27/2013

Source: EPA Region 7

## RECORD SOURCES AND CURRENCY

Number of Days to Update: 66  
Last EDR Contact :01/27/2014

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: 08/27/2012  
Number of Days to Update: 49  
Last EDR Contact :01/27/2014

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: 03/01/2013  
Number of Days to Update: 42  
Last EDR Contact :01/27/2014

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  
Search Distance: 0.333 Mile

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Number of Days to Update: 52  
Last EDR Contact :11/04/2013

Source: Environmental Protection Agency  
Telephone: 703-308-8245

**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: 02/01/2013  
Number of Days to Update: 271  
Last EDR Contact :01/30/2014

Source: EPA, Region 1  
Telephone: 617-918-1313

**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: 02/05/2013  
Number of Days to Update: 65  
Last EDR Contact :01/27/2014

Source: EPA Region 10  
Telephone: 206-553-2857

**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: 11/21/2013

Source: EPA Region 4

## RECORD SOURCES AND CURRENCY

Number of Days to Update: 90  
Last EDR Contact :01/27/2014

Telephone: 404-562-9424

### **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: 02/13/2014  
Number of Days to Update: 10  
Last EDR Contact :01/27/2014

Source: EPA Region 5  
Telephone: 312-886-6136

### **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: 01/29/2014  
Number of Days to Update: 42  
Last EDR Contact :01/27/2014

Source: EPA Region 6  
Telephone: 214-665-7591

### **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: 12/31/2012  
Number of Days to Update: 43  
Last EDR Contact :01/27/2014

Source: EPA Region 7  
Telephone: 913-551-7003

### **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: 07/29/2013  
Number of Days to Update: 92  
Last EDR Contact :01/27/2014

Source: EPA Region 8  
Telephone: 303-312-6137

### **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: 07/29/2013  
Number of Days to Update: 129  
Last EDR Contact :01/27/2014

Source: EPA Region 9  
Telephone: 415-972-3368

### **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: 09/17/2013  
Number of Days to Update: 66

Source: EPA, Region 1  
Telephone: 617-918-1102

# RECORD SOURCES AND CURRENCY

Last EDR Contact :01/03/2014

## **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: 01/29/2013

Source: Environmental Protection Agency

Number of Days to Update: 13

Telephone: 703-603-8787

Last EDR Contact :01/03/2014

## **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: 02/06/2013

Source: Environmental Protection Agency

Number of Days to Update: 15

Telephone: 202-564-6023

Last EDR Contact :01/27/2014

## **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: 11/20/2013

Source: Department of the Navy

Number of Days to Update: 95

Telephone: 843-820-7326

Last EDR Contact :02/14/2014

## **MLTS:** Material Licensing Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

## RECORD SOURCES AND CURRENCY

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: 07/22/2013

Source: Nuclear Regulatory Commission

Number of Days to Update: 91

Telephone: 301-415-7169

Last EDR Contact :03/10/2014

### **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: 10/25/2013

Source: EPA

Number of Days to Update: 78

Telephone: Not Reported

Last EDR Contact :01/21/2014

### **NPL Site Boundaries**

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

## RECORD SOURCES AND CURRENCY

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: 06/01/2013

Source: EPA

Number of Days to Update: 107

Telephone: 202-566-0500

Last EDR Contact :01/28/2014

**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 :01/30/2014

**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 their requirements for listing.

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 78

Telephone: Not Reported

Last EDR Contact :01/09/2014

**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

# RECORD SOURCES AND CURRENCY

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: 01/09/2014

Source: Environmental Protection Agency

Number of Days to Update: 61

Telephone: 202-343-9775

Last EDR Contact :01/10/2014

**RCRA NonGen / NLR:** RCRA - Non Generators

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: 09/10/2013

Source: Environmental Protection Agency

Number of Days to Update: 75

Telephone: 703-308-8895

Last EDR Contact :01/02/2014

**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: 09/10/2013

Source: Environmental Protection Agency

Number of Days to Update: 75

Telephone: 703-308-8895

Last EDR Contact :01/02/2014

**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: 09/10/2013

Source: Environmental Protection Agency

Number of Days to Update: 75

Telephone: 703-308-8895

Last EDR Contact :01/02/2014

**RCRA-SQG:** RCRA - Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

## RECORD SOURCES AND CURRENCY

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: 09/10/2013

Source: Environmental Protection Agency

Number of Days to Update: 75

Telephone: 703-308-8895

Last EDR Contact :01/02/2014

### **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: 09/10/2013

Source: Environmental Protection Agency

Number of Days to Update: 75

Telephone: 703-308-8895

Last EDR Contact :01/02/2014

### **ROD:** Records Of Decision

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 :03/11/2014

### **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 :01/20/2014

### **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

## RECORD SOURCES AND CURRENCY

Last EDR Contact :01/28/2014

**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: 12/31/2011

Source: EPA

Number of Days to Update: 44

Telephone: 202-566-0250

Last EDR Contact :02/26/2014

**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: 12/31/2006

Source: EPA

Number of Days to Update: 64

Telephone: 202-260-5521

Last EDR Contact :12/26/2013

**UMTRA:** Uranium Mill Tailings Sites

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 :02/25/2014

**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: 10/23/2013

Source: EPA

Number of Days to Update: 30

Telephone: 202-564-5962

Last EDR Contact :12/26/2013

**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: 10/23/2013

Source: EPA

Number of Days to Update: 30

Telephone: 202-564-5962

## RECORD SOURCES AND CURRENCY

Last EDR Contact :12/26/2013

### **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: 09/24/2013

Source: Environmental Protection Agency

Number of Days to Update: 73

Telephone: 202-566-2777

Last EDR Contact :02/25/2014

### **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.

Date of Government Version: 12/04/2013

Source: Drug Enforcement Administration

Number of Days to Update: 65

Telephone: 202-307-1000

Last EDR Contact :03/04/2014

### **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: 12/17/2013

Source: Environmental Protection Agency

Number of Days to Update: 14

Telephone: 703-603-0695

Last EDR Contact :03/10/2014

### **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: 11/20/2013

Source: Environmental Protection Agency

Number of Days to Update: 72

Telephone: 202-566-1917

Last EDR Contact :02/14/2014

### **US HIST CDL:** National Clandestine Laboratory Register

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

## RECORD SOURCES AND CURRENCY

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: 09/01/2007

Source: Drug Enforcement Administration

Number of Days to Update: 131

Telephone: 202-307-1000

Last EDR Contact :03/04/2014

### **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: 12/17/2013

Source: Environmental Protection Agency

Number of Days to Update: 14

Telephone: 703-603-0695

Last EDR Contact :03/10/2014

### **US MINES:** Mines Master Index File

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 08/01/2013

Source: Department of Labor, Mine Safety and Health Administration

Number of Days to Update: 28

Telephone: 303-231-5959

Last EDR Contact :03/05/2014

### **AOCONCERN:** 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 :12/17/2013

### **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 :01/15/2014

### **INDIAN RESERV:** Indian Reservations

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

## RECORD SOURCES AND CURRENCY

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 :01/15/2014

### **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: 04/12/2007

Source: EPA

Number of Days to Update: N/A

Telephone: Not Reported

Last EDR Contact :03/10/2014

# 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 MGP:** EDR Proprietary Manufactured Gas Plants

Standard Environmental Record Source: Former manufactured Gas Plants

Search Distance: 0.333 Mile

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

### **EDR US Hist Auto Stat:** 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 US Hist Cleaners:** EDR Exclusive Historic Dry Cleaners

Standard Environmental Record Source: Historical Dry Cleaners

## RECORD SOURCES AND CURRENCY

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

# 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<sup>®</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW<sup>®</sup> 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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## USER QUESTIONNAIRE

### INTRODUCTION

In order to qualify for one of the *Landowner Liability Protections* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2002, the user must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that “*all appropriate inquiry*” is not complete.

(1) Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

CIRCLE YES or NO

If yes, please explain in detail.

(2) Are you aware of any Act Use Limitations (AUL), such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

YES or NO

If yes, please explain.

(3) As the user of this Environmental Site Assessment (ESA) do you have any specialized knowledge or familiarity related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or its neighboring *property*, so that you may have specific knowledge of the chemicals and processes used by this type of business?

YES or NO

If yes, please explain.

(4) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*?

YES or NO

If you believe that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

YES or NO

If yes, please explain.

(5) Are you aware of commonly known or *reasonably* ascertainable information that would help the *environment professional* to identify conditions pinpointing releases or threaten releases of hazardous materials and/ or chemicals? For example, as user,

(a.) Do you know of any past uses of the *property*? YES or NO

(b.) Do you know of specific chemicals that are present or once were present at the *property*? YES or NO

(c.) Do you know of any chemical spills or any other chemical releases that have taken place at the *property*? YES or NO

(d.) Do you know of any environmental cleanups that have taken place at the *property*? YES or NO

If any yes, please explain.

(6) As the user of this Environmental Site Assessment (ESA), based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of a contamination at the *property*?

YES or NO

If yes, please explain.

**Peter Vanek**  
VP of Land Development /Forward Planning

Completed By \_\_\_\_\_  
Print Name

## National Clandestine Laboratory Register - California

COUNTY	CITY	ADDRESS	DATE
ALAMEDA	BERKELEY	2240 9TH STREET	7/19/2008
ALAMEDA	CASTRO VALLEY	19127 SANTA MARIA AVENUE	3/24/2010
ALAMEDA	FREMONT	35856 TOLEDO COURT	7/28/2006
ALAMEDA	HAYWARD	333 JACKSON ST 219	3/12/2004
ALAMEDA	HAYWARD	1032 CENTRAL BLVD	6/9/2004
ALAMEDA	HAYWARD	231 CULP AVE	8/29/2004
ALAMEDA	HAYWARD	27948 PUEBLO SERENA WAY	1/9/2006
ALAMEDA	HAYWARD	698 OVERHILL DRIVE	5/16/2008
ALAMEDA	NEWARK	37120 SPRUCE ST G	2/29/2004
ALAMEDA	OAKLAND	923 39TH STREET	11/25/2008
ALAMEDA	PLEASANTON	6443 ALISAL ST	1/19/2005
ALAMEDA	PLEASANTON	818 ANGELA STREET	3/10/2010
ALAMEDA	SAN LEANDRO	1735 138TH AVE	2/18/2004
ALAMEDA	SAN LEANDRO	872 DONOVAN DR	5/4/2005
ALAMEDA	SAN LEANDRO	14446 ELM ST	5/31/2005
ALAMEDA	SAN LEANDRO	1553 SANTA MARIA ROAD	11/28/2007
ALAMEDA	SAN LORENZO	17283 VIA ANNETTE DR	2/6/2004
ALAMEDA	SAN LORENZO	1302 VIA SAN JUAN STREET	10/25/2007
ALAMEDA	SAN LORENZO	16150 ARRIBA VIADUCT	4/8/2009
ALAMEDA	UNION CITY	32673 BRENDA WAY 3	9/28/2004
ALAMEDA	UNION CITY	2351 HARTFORD DRIVE	4/7/2006
BUTTE	BIGGS	2164 LARKIN	4/9/2004
BUTTE	BIGGS	488 G ST	10/26/2004
BUTTE	CHICO	939 W EAST AVE 4	4/19/2004
BUTTE	CHICO	853 E 7TH ST	7/14/2004
BUTTE	CHICO	453 POSADA WAY 12	8/4/2004
BUTTE	CHICO	1056 E 8TH ST	3/18/2005
BUTTE	CHICO	696 7TH E ST	10/19/2005
BUTTE	CHICO	1402 POMONA LN	11/17/2005
BUTTE	CHICO	997 E 16TH ST	12/15/2005
BUTTE	CHICO	1735 MAGNOLIA AVENUE	2/26/2007
BUTTE	CHICO	1024 NEAL DOW AVENUE	6/7/2008
BUTTE	CHICO	965 KAREN DRIVE	6/9/2008
BUTTE	CHICO	729 NORD AVENUE	9/30/2008
BUTTE	DURHAM	9606 FIMPLE RD	7/15/2005
BUTTE	DURHAM	8200 DURNEL DRIVE	5/22/2010
BUTTE	GRIDLEY	233 KENTUCKY STREET	2/21/2006
BUTTE	GRIDLEY	275 KENTUCKY ST	2/21/2006
BUTTE	GRIDLEY	124 EAST GRIDLEY ROAD	5/14/2010
BUTTE	HONCUT	16 TRUXTON COURT	9/2/2008
BUTTE	MAGALIA	3 JORDAN HILL RD	3/31/2004
BUTTE	MAGALIA	14723 GOLD CONE DR	9/21/2004
BUTTE	OROVILLE	1940 HELMAN ST	2/4/2004
BUTTE	OROVILLE	110 GREENBACK DR	2/5/2004
BUTTE	OROVILLE	2437 ORO QUINCY HWY	3/17/2004
BUTTE	OROVILLE	126 CANYON HIGHLANDS DR	5/5/2004
BUTTE	OROVILLE	208 MISTY VIEW LN	5/10/2004
BUTTE	OROVILLE	2750 DE BANGAR HWY	7/21/2004
BUTTE	OROVILLE	2720 ORO DAM BLVD 6A	8/3/2004
BUTTE	OROVILLE	1130 TEHAMA ST	1/12/2005
BUTTE	OROVILLE	1915 PLUMAS ST	6/9/2005

## National Clandestine Laboratory Register - California

COUNTY	CITY	ADDRESS	DATE
BUTTE	OROVILLE	2794 OAK KNOLL WAY	11/30/2005
BUTTE	OROVILLE	91 TOYON HILLS DRIVE	2/23/2007
BUTTE	OROVILLE	165 HURLES CIRCLE	3/18/2007
BUTTE	OROVILLE	4210 ORO BANGOR HIGHWAY	6/1/2007
BUTTE	OROVILLE	2349 VIA MADERO	9/11/2007
BUTTE	OROVILLE	1616 ORO DAM BOULEVARD	10/29/2007
BUTTE	OROVILLE	1660 20TH STREET	1/31/2008
BUTTE	OROVILLE	3 ALVERDA DRIVE	5/13/2008
BUTTE	OROVILLE	1840 7TH STREET	9/17/2008
BUTTE	OROVILLE	1960 ROSE STREET	4/7/2009
BUTTE	OROVILLE	5075 LOWER WYANDOTTE AVENUE	4/7/2009
BUTTE	PALERMO	2398 LOUIS AVENUE	8/27/2007
BUTTE	PARADISE	6441 MOSS LN	3/31/2004
BUTTE	PARADISE	538 CASTLE	7/23/2004
BUTTE	PARADISE	5955 HAZEL WAY	5/25/2006
CALAVERAS	MOUNTAIN RANCH	5645 DOSTER RD	12/20/2004
CONTRA COSTA	ANTIOCH	1927 BIRCH AVE	12/12/2004
CONTRA COSTA	BAY POINT	71 MOUNTAIN VIEW AVENUE	3/22/2011
CONTRA COSTA	BRENTWOOD	638 SUMMERWOOD DRIVE	2/11/2010
CONTRA COSTA	CROCKETT	815 1ST AVENUE	12/9/2010
CONTRA COSTA	EL SOBRANTE	2211 RANCHO ROAD	9/20/2007
CONTRA COSTA	MARTINEZ	625 MARINA VISTA ST	3/22/2005
CONTRA COSTA	RICHMOND	2420 ESMOND AVENUE	12/5/2006
CONTRA COSTA	RICHMOND	712 BRADFORD DRIVE	7/29/2008
CONTRA COSTA	RODEO	1120 4TH ST	7/8/2004
DEL NORTE	CRESCENT CITY	1733 WILDWOOD LN	4/14/2004
EL DORADO	EL DORADO	6841 UNION MINE RD	4/29/2004
FRESNO	CARUTHERS	14594 SOUTH ELM AVENUE	11/28/2006
FRESNO	CLOVIS	287 WEST BARSTOW AVENUE 125B	10/26/2012
FRESNO	COALINGA	47932 LOST HILLS RD	8/30/2004
FRESNO	DOS PALOS	43186 MERRILL AVENUE	4/15/2010
FRESNO	DOS PALOS	43186 MERRILL AVENUE	4/15/2010
FRESNO	FOWLER	6424 SOUTH FOWLER AVENUE	8/21/2007
FRESNO	FRESNO	12884 S ELM AVE	7/15/2004
FRESNO	FRESNO	1315 E CORNELL	7/15/2004
FRESNO	FRESNO	7090 N FRUIT AVE 140	7/29/2004
FRESNO	FRESNO	4822 E MONO ST	6/9/2005
FRESNO	FRESNO	2540 NORTH FLOYD AVENUE	11/24/2006
FRESNO	FRESNO	8971 MOUNTAIN VIEW	12/13/2006
FRESNO	FRESNO	4409 EAST HEDGES AVENUE A	12/16/2008
FRESNO	FRESNO	3001 WEST SWIFT AVE AVENUE 104	8/6/2013
FRESNO	FRESNO	4851 NORTH N CEDAR AVE AVENUE	
FRESNO	FRESNO	117	1/6/2014
FRESNO	FRESNO	3852 EAST E OLIVE AVE AVENUE	
FRESNO	FRESNO	201	1/14/2014
FRESNO	FRESNO	3025 EAST E GETTYSBURG AVE	
FRESNO	FRESNO	AVENUE 102	1/21/2014
FRESNO	REEDLEY	22134 E HOGAN AVE	1/15/2004
FRESNO	REEDLEY	20069 CLAYTON AVENUE	12/8/2007
FRESNO	SAN JOAQUIN	2243 ELDORADO S B	3/10/2006

## National Clandestine Laboratory Register - California

COUNTY	CITY	ADDRESS	DATE
FRESNO	SQUAW VALLEY	46992 CREEKSIDE ROAD	11/18/2013
GLENN	WILLOWS	5627 COUNTY ROAD 69	5/12/2004
HUMBOLDT	ARCATA	258 LUPIN AVENUE	8/30/2006
HUMBOLDT	BLUE LAKE	113 RAYMAR AVE	5/9/2005
HUMBOLDT	EUREKA	1984 GAGE LN	4/27/2004
HUMBOLDT	EUREKA	1034 14TH ST	6/6/2005
HUMBOLDT	EUREKA	1323 SUMMER STREET	6/15/2006
HUMBOLDT	FORTUNA	1788 PENN AVE	3/2/2004
HUMBOLDT	MCKINLEYVILLE	2331 CENTRAL AVE 4	3/25/2004
IMPERIAL	HOLTVILLE	819 1/2 FERN ST	1/28/2004
IMPERIAL	HOLTVILLE	2300 SLAYTON RD	2/5/2004
IMPERIAL	HOLTVILLE	819 1/2 FERN AVE	3/20/2006
IMPERIAL	SEELEY	2205 HASKELL RD	7/20/2004
KERN	BAKERSFIELD	8614 FULLER	2/22/2004
KERN	BAKERSFIELD	2600 NORMAN AVE	5/26/2004
KERN	BAKERSFIELD	8614 FULLER	6/18/2004
KERN	BAKERSFIELD	321 OAKDALE DR	3/15/2005
KERN	BAKERSFIELD	2714 ALLEN RD	3/22/2005
KERN	BAKERSFIELD	2314 CENTER ST	10/19/2005
KERN	BAKERSFIELD	200 MIRAFLORES	2/28/2006
KERN	BAKERSFIELD	101 AGARNSEY LN	3/20/2006
KERN	BAKERSFIELD	109 CLYDE STREET	4/26/2006
KERN	BAKERSFIELD	200 MIRAFLORES AVENUE	3/18/2007
KERN	BAKERSFIELD	8TH STREET	6/22/2009
KERN	BAKERSFIELD	3801 NEWCOMBE COURT	3/3/2011
KERN	BAKERSFIELD	3804 LA TONIA COURT	3/3/2011
KERN	BAKERSFIELD	218 EL TEJON AVENUE	7/8/2011
KERN	BAKERSFIELD	7601 REDBANK	12/13/2011
KERN	DELANO	1305 20TH AVE	2/4/2004
KERN	JOHANNESBURG	405 BROADWAY AVENUE	10/9/2008
KERN	LAKE ISABELLA	3105 WENYOR	9/21/2004
KERN	LAMONT	10224 SAN EMIDIO STREET	7/11/2007
KERN	LAMONT	8008 MIDDLETON LANE	5/19/2008
KERN	RIDGECREST	709 W ATKINS AVE	12/9/2004
KERN	RIDGECREST	345 WEST MOYER AVENUE	6/4/2007
KERN	SHAFTER	18478 S SHAFTER AVE	1/23/2004
KERN	SHAFTER	31396 BURBANK AVE	6/12/2004
KERN	TAFT	412 KERN ST	8/26/2004
KERN	TAFT	217 LIERLY ST	6/20/2005
KINGS	HANFORD	11111 9 3/4 AVENUE	4/16/2007
KINGS	UNINCORPORATED CITY	6260 BARSTOW AVE	5/21/2004
LAKE	CLEARLAKE	13660 EAST LAKE DR	4/19/2004
LAKE	CLEARLAKE	15888 19TH ST	4/28/2004
LAKE	CLEARLAKE	16537 35TH AVE	6/18/2005
LAKE	CLEARLAKE	13820 MANAKEE DRIVE	1/20/2010
LAKE	FINLEY	3424 STONE DR	9/15/2004
LAKE	LAKEPORT	525 ESPLANADE ST	1/27/2004
LAKE	LOWER LAKE	10243 SIEGLER CANYON RD	11/17/2004
LAKE	NICE	6643 COLLIER	2/15/2006
LOS ANGELES	ARTESIA	11635 ARTESIA BOULEVARD	5/1/2013
LOS ANGELES	BALDWIN PARK	3109 ROBINETTE AVE	9/28/2004

## National Clandestine Laboratory Register - California

COUNTY	CITY	ADDRESS	DATE
LOS ANGELES	BALDWIN PARK	4442 EDRA AVENUE	6/16/2008
LOS ANGELES	BELL	3717 BELL AVENUE	6/6/2009
LOS ANGELES	BELL GARDENS	7534 PURDY STREET	5/1/2010
LOS ANGELES	BELLFLOWER	17122 DOWNEY AVENUE	11/2/2008
LOS ANGELES	BEVERLY HILLS	712 NORTH REXFORD DRIVE	6/1/2013
LOS ANGELES	CERRITOS	12513 SANDY CREEK LANE	3/9/2007
LOS ANGELES	CITY OF COMMERCE	5820 RAMON CT	4/14/2005
LOS ANGELES	COMPTON	1016 POINSETTIA S AVE	3/10/2004
LOS ANGELES	COVINA	444 CITRUS N AVE	1/13/2004
LOS ANGELES	COVINA	19850 ARROW HIGHWAY	8/6/2006
LOS ANGELES	DIAMOND BAR	2620 CASTLEROCK ROAD	8/1/2006
LOS ANGELES	DIAMOND BAR	749 FEATHERWOOD DRIVE	11/1/2007
LOS ANGELES	DOWNEY	9322 STAMPS AVE	2/18/2005
LOS ANGELES	DOWNEY	10350 HALEDON AVENUE	5/21/2008
LOS ANGELES	EAST LOS ANGELES	4135 FLORAL AVE	3/5/2004
LOS ANGELES	EL MONTE	11828 EMERY ST	11/18/2004
LOS ANGELES	EL MONTE	4350 RANGER AVE	11/29/2004
LOS ANGELES	ENCINO	17448 VENTURA BOULEVARD	8/11/2008
LOS ANGELES	GARDENA	14903 CHADRON AVE 1	3/1/2006
LOS ANGELES	GLENDORA	19104 MANUA LOA	7/21/2004
LOS ANGELES	HAWTHORNE	12600 PRAIRIE AVENUE	7/19/2010
LOS ANGELES	HAWTHORNE	2851 WEST 120TH STREET	7/22/2010
LOS ANGELES	HAWTHORNE	13611 DOTY AVENUE	2/3/2011
LOS ANGELES	HAWTHORNE	13611 DOTY AVENUE	2/3/2011
LOS ANGELES	HUNTINGTON PARK	2505 OLIVE STREET	5/15/2007
LOS ANGELES	HUNTINGTON PARK	6418 SEVILLE	9/18/2007
LOS ANGELES	HUNTINGTON PARK	2409 OLIVE STREET	11/18/2008
LOS ANGELES	INGLEWOOD	215 EAST HYDE PARK STREET	4/8/2010
LOS ANGELES	INGLEWOOD	8815 SOUTH VAN NESS AVENUE	5/4/2010
LOS ANGELES	LA CANADA FLINTRIDGE	5016 ANGELES CREST HWY	5/25/2004
LOS ANGELES	LA PUENTE	410 EVANWOOD AVE	9/22/2004
LOS ANGELES	LA PUENTE	18631 ALTARIO ST	1/13/2005
LOS ANGELES	LANCASTER	3995 AVENUE H W	3/3/2004
LOS ANGELES	LANCASTER	42705 6TH E ST	2/3/2005
LOS ANGELES	LANCASTER	44634 DATE AVENUE	6/2/2006
LOS ANGELES	LANCASTER	45448 ELM	7/14/2007
LOS ANGELES	LITTLEROCK	8632 AVENUE U E	1/21/2004
LOS ANGELES	LLANO	25757 V E AVE	3/24/2004
LOS ANGELES	LONG BEACH	2520 PACIFIC COAST E HWY 221	1/27/2004
LOS ANGELES	LONG BEACH	1401 11 E ST	7/1/2004
LOS ANGELES	LONG BEACH	2124 MC KENZIE AVENUE	4/25/2006
LOS ANGELES	LONG BEACH	1624 JUNIPERO AVENUE	4/4/2007
LOS ANGELES	LONG BEACH	3613 LA JARA STREET	11/14/2007
LOS ANGELES	LONG BEACH	1875 LIME AVENUE	12/22/2008
LOS ANGELES	LONG BEACH	2345 EAST HARDING STREET	2/4/2010
LOS ANGELES	LONG BEACH	2454 EASY AVENUE	2/10/2010
LOS ANGELES	LOS ANGELES	2742 LANFRANCO ST 7	1/7/2004
LOS ANGELES	LOS ANGELES	560 KEENAN AVE	5/12/2004
LOS ANGELES	LOS ANGELES	5320 1/2 ITHACA AVE	6/22/2004
LOS ANGELES	LOS ANGELES	21150 HOBART	8/18/2004
LOS ANGELES	LOS ANGELES	1406 GORDON STREET	3/26/2006

## National Clandestine Laboratory Register - California

COUNTY	CITY	ADDRESS	DATE
LOS ANGELES	LOS ANGELES	123 S LAKE STREET	7/14/2006
LOS ANGELES	LOS ANGELES	3015 SUNNYSIDE DRIVE	8/11/2006
LOS ANGELES	LOS ANGELES	244 47TH PLACE	10/12/2006
LOS ANGELES	LOS ANGELES	244 WEST 47TH PLACE	10/12/2006
LOS ANGELES	LOS ANGELES	11630 WEST 207TH STREET	12/7/2006
LOS ANGELES	LOS ANGELES	321 WESTMINSTER AVENUE	8/9/2007
LOS ANGELES	LOS ANGELES	1216 HANOVER AVENUE	8/12/2007
LOS ANGELES	LOS ANGELES	359 71ST STREET	10/10/2007
LOS ANGELES	LOS ANGELES	3744 59TH STREET	12/20/2007
LOS ANGELES	LOS ANGELES	218 1/2 54TH STREET	3/14/2008
LOS ANGELES	LOS ANGELES	4154 COMPTON AVENUE	4/17/2008
LOS ANGELES	LOS ANGELES	6118 HOOPER STREET	4/24/2009
LOS ANGELES	LOS ANGELES	5170 SOUTH NORMANDIE AVENUE	1/3/2010
LOS ANGELES	LOS ANGELES	2109 ESTRELLA AVENUE	2/2/2010
LOS ANGELES	LOS ANGELES	6516 SOUTH MAIN STREET	6/2/2010
LOS ANGELES	LOS ANGELES	213 1/2 WEST 66 STREET	9/21/2010
LOS ANGELES	LOS ANGELES	1564 EAST 117TH STREET	4/4/2013
LOS ANGELES	LYNWOOD	10868 DRURY LN	10/29/2004
LOS ANGELES	NORWALK	11026 IMPERIAL E HWY 10	4/21/2004
LOS ANGELES	NORWALK	12618 STUDEBAKER ROAD	6/14/2010
LOS ANGELES	PALMDALE	38233 HENDON DR	4/3/2004
LOS ANGELES	PALMDALE	38566 EAST 35TH STREET	10/3/2006
LOS ANGELES	PANORAMA CITY	8154 ALLOTT	1/19/2006
LOS ANGELES	POMONA	320 JEFFERSON W AVE	10/19/2004
LOS ANGELES	POMONA	1347 CAMBRIN ROAD	12/7/2006
LOS ANGELES	POMONA	260 LA VERNE AVENUE	7/12/2007
LOS ANGELES	REDONDO BEACH	208 B AVE	1/4/2004
LOS ANGELES	SAN DIMAS	1717 MONTE VISTA DR	10/7/2004
LOS ANGELES	SAN PEDRO	975 5TH W ST	8/3/2005
LOS ANGELES	SANTA FE SPRINGS	11462 TELEGRAPH RD	1/14/2004
LOS ANGELES	SANTA FE SPRINGS	13310 TELEGRAPH ROAD	4/14/2010
LOS ANGELES	SHADOW HILLS	10339 JOHANNA AVENUE	6/22/2006
LOS ANGELES	SIGNAL HILL	2210 GAVIOTA N AVE C	7/6/2004
LOS ANGELES	SOUTH GATE	2634 PALM PLACE	5/29/2007
LOS ANGELES	SYLMAR	12600 BRADLEY STREET	7/19/2006
LOS ANGELES	TORRANCE	4111 PACIFIC COAST HIGHWAY 308	4/11/2004
LOS ANGELES	VAN NUYS	15149 DOMINO ST	11/8/2005
LOS ANGELES	VAN NUYS	7400 SEPULVEDA BOULEVARD	2/12/2008
LOS ANGELES	WHITTIER	8171 WASHINGTON AVE	6/24/2004
LOS ANGELES	WHITTIER	6133 MCNEES AVE	1/14/2006
LOS ANGELES	WHITTIER	10816 TOWNLEY DRIVE	5/11/2007
LOS ANGELES	WILMINGTON	1724 FRIES AVE	2/17/2006
LOS ANGELES	WILMINGTON	1630 SANDISON STREET	7/20/2007
LOS ANGELES	WINNETKA	8474 QUARTZ AVE	9/28/2005
MADERA	CHOWCHILLA	18899 ROAD 16	4/28/2004
MADERA	CHOWCHILLA	1304 COLUSA AVE A	1/25/2005
MADERA	MADERA	21442 AVENUE 19 AVE	2/10/2005
MADERA	MADERA	815 EAST CLINTON AVENUE	8/29/2006
MADERA	MADERA	18697 AVENUE PASS	8/21/2007
MADERA	MADERA	512 FEIN STREET	8/25/2007
MADERA	MADERA	35626 14 1/2 AVENUE	2/1/2008

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COUNTY	CITY	ADDRESS	DATE
MADERA	MADERA	13577 20TH AVENUE	9/4/2008
MENDOCINO	FORT BRAGG	16900 FRANKLIN ROAD	5/9/2006
MENDOCINO	PHILO	3500 LITTLE MILL CREEK ROAD	5/6/2010
MENDOCINO	REDWOOD VALLEY	9800 WEST ROAD	4/9/2009
MENDOCINO	WILLITS	65000 SHERWOOD RIDGE ROAD	2/20/2008
MERCED	ATWATER	9000 MORAN AVE	5/11/2005
MERCED	ATWATER	1236 HULL RD	9/23/2005
MERCED	ATWATER	1001 SANDPIPER WAY	11/15/2006
MERCED	ATWATER	4146 SOUTH ELLIOTT ROAD	8/11/2008
MERCED	BALLICO	11368 NORTH SANTA FE AVENUE	1/10/2010
MERCED	CRESSEY	9835 CRESSEY	6/3/2004
MERCED	DELHI	16235 REDBUD CT	6/29/2004
MERCED	DELHI	8620 HINTON	11/15/2006
MERCED	DELHI	15575 AUGUST AVENUE	9/8/2008
MERCED	DELHI	9640 SANDS ROAD	6/6/2010
MERCED	GUSTINE	8450 HIGHWAY 33 S HWY	3/2/2005
MERCED	HILMAR	20295 AUGUST RD	4/15/2004
MERCED	HILMAR	19511 WILLIAMS AVE	10/13/2004
MERCED	HILMAR	250 N UNION	10/12/2007
MERCED	HILMAR	19542 EAST FIRST STREET	4/1/2010
MERCED	LIVINGSTON	5679 ARENA WAY	4/6/2004
MERCED	LIVINGSTON	15290 SUNSET DRIVE	5/22/2010
MERCED	LOS BANOS	313 J STREET	8/11/2006
MERCED	MERCED	2536 LOBO	2/4/2004
MERCED	MERCED	3613 N GARNER RD	2/27/2004
MERCED	MERCED	321 S 59 S HWY	1/3/2005
MERCED	MERCED	824 S FREYA	1/25/2007
MERCED	MERCED	2499 EAST GERARD AVENUE	3/21/2007
MERCED	MERCED	14717 EAST 272ND	9/6/2007
MERCED	MERCED	5 WEST 25TH STREET 2	1/16/2008
MERCED	SOUTH DOS PALOS	8827 W K ST	7/23/2004
MERCED	STEVINSON	18910 W 6TH ST	2/10/2004
MERCED	STEVINSON	23875 SECOND AVENUE	3/27/2006
MERCED	STEVINSON	2917 CEMETERY ROAD	2/20/2008
MERCED	STEVINSON	2991 CEMETERY	2/20/2008
MERCED	STEVINSON	2228 NELANDER AVENUE	4/27/2010
MERCED	WINTON	6280 CENTRAL AVE	8/8/2004
MERCED	WINTON	9605 EUCALYPTUS AVE	8/8/2004
MERCED	WINTON	7409 AMANDA DRIVE	3/13/2007
MERCED	WINTON	6814 ARLENE WAY	3/12/2008
MERCED	WINTON	7125 NORTH VINE AVENUE	4/21/2010
MONTEREY	GREENFIELD	424 7TH AVENUE	9/19/2010
MONTEREY	PACIFIC GROVE	316 PRESCOTT LN	7/16/2004
MONTEREY	SALINAS	1769 YOSEMITE CIR	5/21/2004
MONTEREY	SALINAS	1233 EAST POLK STREET	6/20/2007
MONTEREY	SALINAS	18840 NORTHEAST EISENHOWER D	6/20/2007
NEVADA	GRASS VALLEY	439 NEAL ST 1	7/30/2004
ORANGE	ANAHEIM	131 MAGNOLIA AVENUE	3/21/2008
ORANGE	ANAHEIM	3554 WEST CORNELIA CIRCLE	3/24/2008
ORANGE	ANAHEIM	1819 CRIS	3/27/2008
ORANGE	ANAHEIM	1261 PLACENTIA STREET	3/29/2008

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ORANGE	ANAHEIM	2500 EAST TERRACE STREET	4/8/2008
ORANGE	ANAHEIM	622 VELARE AVENUE	9/16/2008
ORANGE	ANAHEIM	1303 WEST MARLBORO AVENUE	2/22/2010
ORANGE	BREA	2595 IMPERIAL HIGHWAY	5/20/2010
ORANGE	BUENA PARK	7555 BEACH BLVD 128	2/10/2004
ORANGE	BUENA PARK	7111 BEACH BOULEVARD	2/10/2010
ORANGE	COSTA MESA	929 JOANN STREET	5/13/2008
ORANGE	CYPRESS	4812 GRACE AVENUE	4/10/2006
ORANGE	FULLERTON	641 COMMONWEALTH AVENUE	12/7/2007
ORANGE	GARDEN GROVE	8062 GARDEN GROVE BLVD 241	9/21/2004
ORANGE	GARDEN GROVE	9755 BIXBY AVENUE	4/11/2008
ORANGE	GARDEN GROVE	10042 LAMPSON AVENUE	5/13/2009
ORANGE	GARDEN GROVE	13691 BARNETT WAY	2/13/2010
ORANGE	HUNTINGTON BEACH	8230 TALBERT	4/7/2010
ORANGE	IRVINE	173 TOPEKA	2/11/2004
ORANGE	IRVINE	87 PINESTONE	3/23/2010
ORANGE	LA HABRA	2320 STORY AVE	7/16/2004
ORANGE	LA PALMA	4761 SHARON DRIVE A	7/17/2006
ORANGE	LAGUNA BEACH	985 PACIFIC COAST N HWY	2/1/2004
ORANGE	ORANGE	2135 ALMOND W ST	10/15/2004
ORANGE	ORANGE	207 ESPLANDE STREET	5/30/2008
ORANGE	ORANGE	2300 NORTH TUSTIN AVENUE	3/29/2010
ORANGE	PLACENTIA	745 DUNN	3/16/2010
ORANGE	SANTA ANA	1137 MCFADDEN W	7/7/2004
ORANGE	SANTA ANA	1233 GENOA S DR	11/30/2004
ORANGE	SANTA ANA	1314 HARBOR BOULEVARD	4/9/2008
ORANGE	SANTA ANA	3012 HALLADAY	5/19/2008
ORANGE	SANTA ANA	412 BAKER STREET	5/21/2008
ORANGE	SANTA ANA	702 SANTA ANA BOULEVARD	7/14/2008
ORANGE	SANTA ANA	1450 AUTO DRIVE	5/11/2009
ORANGE	SANTA ANA	4417 MORNINGSIDE	4/28/2010
ORANGE	SANTA ANA	800 SOUTH SULLIVAN STREET D3	12/23/2011
ORANGE	STANTON	10698 COURT STREET	9/15/2006
ORANGE	STANTON	7701 WESTBROOK WAY	4/19/2007
ORANGE	TUSTIN	13624 ESTERO CIR	4/24/2004
ORANGE	WESTMINSTER	7681 BAYLOR DR	7/15/2004
ORANGE	WESTMINSTER	9851 BOLSA AVENUE	5/5/2006
ORANGE	WESTMINSTER	5051 PRINCETON AVENUE	5/17/2006
ORANGE	WESTMINSTER	13100 GOLDENWEST STREET	4/28/2009
ORANGE	WESTMINSTER	6942 GARDEN GROVE BOULEVARD	5/21/2009
ORANGE	YORBA LINDA	5471 JEFFERSON STREET	11/13/2007
PLUMAS	CHESTER	460 MELISSA AVENUE	10/11/2007
PLUMAS	PORTOLA	5630 CASEY JONES ROAD	4/14/2006
PLUMAS	PORTOLA	324 BELLA VISTA	3/9/2010
PLUMAS	QUINCY JUNCTION	1426 BUTTERFLY VALLEY ROAD	2/17/2010
RIVERSIDE	ANZA	57310 VALLEY VISTA	6/11/2004
RIVERSIDE	BANNING	1007 LINDA VISTA RD	10/26/2004
RIVERSIDE	BANNING	514 EAST VICTORY AVENUE	3/21/2010
RIVERSIDE	BEAUMONT	34250 SAN TIMITEO CANYON RD	4/15/2004
RIVERSIDE	BEAUMONT	1016 PALM AVE	4/19/2004

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RIVERSIDE	CALIMESA	9453 SHARONDALE ROAD	6/8/2006
RIVERSIDE	CATHEDRAL CITY	68557 C STREET	2/16/2004
RIVERSIDE	CORONA	734 VIEWTOP LN	3/12/2004
RIVERSIDE	CORONA	995 POMONA RD 17	4/2/2004
RIVERSIDE	CORONA	1330 W 8TH ST 18	7/21/2004
RIVERSIDE	CORONA	446 FRANCIS E ST	2/2/2006
RIVERSIDE	CORONA	379 EAST RANCHO ROAD	1/2/2008
RIVERSIDE	DESERT HOT SPRINGS	66366 6TH ST	1/20/2004
RIVERSIDE	DESERT HOT SPRINGS	13255 MEXQUITE AVENUE	3/23/2006
RIVERSIDE	DESERT HOT SPRINGS	12155 OCOTILLO ROAD	4/29/2009
RIVERSIDE	EL CERRITO	19078 RISING SUN RD	3/12/2004
RIVERSIDE	GLEN AVON HEIGHTS	4080 CONNING	2/29/2004
RIVERSIDE	HEMET	531 CEDAR LN 2	2/7/2004
RIVERSIDE	HEMET	1675 COBBLE LN	2/11/2004
RIVERSIDE	HEMET	1097 N STATE ST 2	2/18/2004
RIVERSIDE	HEMET	772 N STATE	3/24/2004
RIVERSIDE	HEMET	225 S ELK ST 36	3/30/2004
RIVERSIDE	HEMET	43939 FLORIDA AVE	5/4/2004
RIVERSIDE	HEMET	585 S SANTA FE	5/15/2004
RIVERSIDE	HEMET	2688 E FLORIDA AVE 18	6/4/2004
RIVERSIDE	HEMET	4400 FLORIDA W AVE 117	12/8/2004
RIVERSIDE	HEMET	41251 ROPE RD	1/29/2005
RIVERSIDE	HEMET	525 GILBERT N 49	1/20/2006
RIVERSIDE	HEMET	25873 RIVERVIEW LANE	3/15/2006
RIVERSIDE	HEMET	32809 RED MOUNTAIN ROAD	2/18/2008
RIVERSIDE	HEMET	871 SAN MATEO CIRCLE	5/21/2009
RIVERSIDE	INDIO	46540 PADUA CIR	6/9/2004
RIVERSIDE	INDIO	47800 MADISON ST 169	9/21/2004
RIVERSIDE	LAKE ELSINORE	17911 THORESON	4/29/2004
RIVERSIDE	LAKE ELSINORE	34323 SUNRISE DRIVE	1/27/2006
RIVERSIDE	LAKE MATTHEWS	17224 CAJON DR	9/28/2004
RIVERSIDE	MENIFEE	26814 MADERA CT	12/6/2004
RIVERSIDE	MIRA LOMA	10351 OAK BARK LANE	11/12/2008
RIVERSIDE	MORENO VALLEY	25204 BRIDLE TRAIL	8/29/2004
RIVERSIDE	MOUNTAIN CENTER	63137 JERABOA ROAD	4/12/2007
RIVERSIDE	NORCO	2574 RIDGECREST	3/16/2004
RIVERSIDE	NORCO	3117 SHADOW CANYON CIRCLE	1/31/2008
RIVERSIDE	NUEVO	22788 VIA SANTANA	4/21/2006
RIVERSIDE	PALM SPRINGS	383 VEREDA NORTE	6/20/2008
RIVERSIDE	PERRIS	332 W 11TH ST	2/8/2004
RIVERSIDE	PERRIS	143 PEROU ST	6/27/2004
RIVERSIDE	PERRIS	618 BOND DR	7/29/2004
RIVERSIDE	PERRIS	4715 WADE AVE	3/3/2005
RIVERSIDE	PERRIS	19881 GUSTIN RD	12/12/2005
RIVERSIDE	PERRIS	21747 WEBSTER AVENUE	8/7/2008
RIVERSIDE	PERRIS	21881 OLEANDER AVENUE	8/29/2008
RIVERSIDE	PERRIS	644 PRIMROSE PLACE	4/8/2011
RIVERSIDE	RIVERSIDE	344 N STATE 148	1/28/2004
RIVERSIDE	RIVERSIDE	5861 MITCHELL	3/31/2004
RIVERSIDE	RIVERSIDE	11235 CYPRESS	6/27/2006
RIVERSIDE	RIVERSIDE	4080 PEDLEY ROAD	2/5/2010

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RIVERSIDE	RIVERSIDE	11744 HAZELDELL DRIVE	4/2/2010
RIVERSIDE	RIVERSIDE	12172 SEVERN WAY	4/2/2010
RIVERSIDE	RIVERSIDE	12172 SEVERN WAY	4/2/2010
RIVERSIDE	SAN JACINTO	437 MEAD	8/2/2004
RIVERSIDE	SAN JACINTO	344 N STATE ST SP 196	6/15/2005
RIVERSIDE	SAN JACINTO	610 WASHINGTON E AVE	2/22/2006
RIVERSIDE	SAN JACINTO	182 DE ANZA	4/20/2006
RIVERSIDE	TEMECULA	29774 CALLE PANTANO	2/2/2010
RIVERSIDE	VICTORVILLE	20197 NANDINA AVE	7/9/2004
RIVERSIDE	VICTORVILLE	22875 RIOS	11/16/2004
RIVERSIDE	WINCHESTER	33091 WILLARD	5/20/2004
SACRAMENTO	CITRUS HEIGHTS	7401 LOVATO	6/23/2007
SACRAMENTO	ELK GROVE	5354 JADE CREEK	2/23/2005
SACRAMENTO	ELVERTA	2495 RHINE WAY	8/5/2004
SACRAMENTO	ELVERTA	2110 QUAIL RANCH COURT	2/28/2006
SACRAMENTO	GALT	132 4TH	4/20/2010
SACRAMENTO	RANCHO CORDOVA	10892 WALNUTWOOD WAY	4/4/2004
SACRAMENTO	SACRAMENTO	4405 23RD ST	2/4/2004
SACRAMENTO	SACRAMENTO	4719 HAYFORD WAY	2/24/2004
SACRAMENTO	SACRAMENTO	7624 BIRDIE CT	3/23/2004
SACRAMENTO	SACRAMENTO	1536 STRADER AVE	3/26/2004
SACRAMENTO	SACRAMENTO	5867 AUBURN BLVD 30	3/30/2004
SACRAMENTO	SACRAMENTO	2530 STREET S 8	4/1/2004
SACRAMENTO	SACRAMENTO	3534 SUMMER PARK DR 354	10/8/2004
SACRAMENTO	SACRAMENTO	4144 CABINET CIRCLE	3/6/2006
SACRAMENTO	SACRAMENTO	7662 COUNTRY PARK DRIVE	6/6/2006
SACRAMENTO	SACRAMENTO	5230 PALM	1/30/2007
SACRAMENTO	SACRAMENTO	2681 FAIRFIELD STREET	2/13/2007
SACRAMENTO	SACRAMENTO	6316 WELTY WAY	12/3/2008
SACRAMENTO		5140 W SHERMAN ISLAND ROAD	5/13/2006
SAN BERNARDINO	ADELANTO	17526 KEATS ROAD	11/29/2007
SAN BERNARDINO	APPLE VALLEY	21845 ARAPAHOE ST 1	2/17/2004
SAN BERNARDINO	APPLE VALLEY	10620 MATILIJA	5/21/2004
SAN BERNARDINO	APPLE VALLEY	10808 MILLS RD	6/2/2004
SAN BERNARDINO	APPLE VALLEY	12618 POCONO ROAD	10/15/2006
SAN BERNARDINO	APPLE VALLEY	20024 HAPPY TRAILS HIGHWAY	1/4/2007
SAN BERNARDINO	APPLE VALLEY	9611 NAVAJO ROAD	5/5/2009
SAN BERNARDINO	BAKER	71759 BAKER BLVD	4/16/2004
SAN BERNARDINO	BARSTOW	24966 CAMINO DEL SOL ST	6/7/2004
SAN BERNARDINO	BARSTOW	2577 COMMUNITY BLVD	9/18/2004
SAN BERNARDINO	BARSTOW	29779 N 1ST	11/18/2004
SAN BERNARDINO	BARSTOW	434 S SECOND ST 1	1/1/2005
SAN BERNARDINO	BLOOMINGTON	16742 14TH ST	11/17/2004
SAN BERNARDINO	CHINO	11838 CENTRAL AVE 93	2/11/2004
SAN BERNARDINO	CHINO	12018 CENTRAL AVE	5/13/2004
SAN BERNARDINO	CHINO HILLS	15553 ESTHER ST	12/13/2004
SAN BERNARDINO	COLTON	1822 ADMIRALTY STREET	6/15/2007
SAN BERNARDINO	FONTANA	14430 SANTA ANA	1/15/2004
SAN BERNARDINO	FONTANA	13519 ARROW RT	3/30/2004
SAN BERNARDINO	FONTANA	7642 KEMPSTER AVE	9/7/2004
SAN BERNARDINO	FONTANA	17265 LURELANE STREET	3/20/2006

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SAN BERNARDINO	FONTANA	13449 IVY	6/15/2006
SAN BERNARDINO	FONTANA	14349 FIGWOOD DRIVE	12/13/2006
SAN BERNARDINO	FONTANA	16411 ATHOL STREET	4/17/2008
SAN BERNARDINO	HESPERIA	14926 FIR ST	2/25/2004
SAN BERNARDINO	HESPERIA	15356 PENDLETON	6/16/2004
SAN BERNARDINO	HESPERIA	11976 MARIPOSA RD	7/3/2004
SAN BERNARDINO	HESPERIA	7892 ALSTON	10/1/2004
SAN BERNARDINO	HESPERIA	10721 MAPLE ST	7/29/2005
SAN BERNARDINO	HESPERIA	9553 LOS BANOS AVE	1/12/2006
SAN BERNARDINO	HESPERIA	11516 HAWTHORNE	3/25/2006
SAN BERNARDINO	HESPERIA	9393 HICKORY	6/8/2006
SAN BERNARDINO	HESPERIA	10983 4TH AVENUE	6/9/2006
SAN BERNARDINO	HESPERIA	13010 PRAIRIE TRAIL	2/22/2007
SAN BERNARDINO	HESPERIA	9519 MAPLE AVENUE	10/18/2008
SAN BERNARDINO	HIGHLAND	7409 LOS FELIZ DR	4/23/2004
SAN BERNARDINO	HIGHLAND	25715 LIME ST	5/18/2004
SAN BERNARDINO	HIGHLAND	28457 MERRION AVE	5/21/2004
SAN BERNARDINO	HINKLEY	23572 STATE HIGHWAY 58	4/5/2009
SAN BERNARDINO	JOSHUA TREE	62475 COVE LN	5/27/2004
SAN BERNARDINO	JOSHUA TREE	3255 SUNSET RD	9/26/2004
SAN BERNARDINO	JOSHUA TREE	8997 TORTUGA ROAD	1/14/2008
SAN BERNARDINO	LANDERS	57646 LINN ROAD	10/14/2008
SAN BERNARDINO	LOMA LINDA	26232 NEWPORT AVENUE	8/1/2006
SAN BERNARDINO	MUSCOY	2544 3RD ST	6/23/2004
SAN BERNARDINO	NEWBERRY SPRINGS	52875 BEDFORD RD	3/25/2004
SAN BERNARDINO	NEWBERRY SPRINGS	47962 HORNER RD	6/24/2004
SAN BERNARDINO	NEWBERRY SPRINGS	35377 NEWBERRY RD	10/11/2004
SAN BERNARDINO	NEWBERRY SPRINGS	42378 SILVER VALLEY ROAD	4/21/2006
SAN BERNARDINO	ONTARIO	844 WYSTERIA E CT	1/21/2004
SAN BERNARDINO	ONTARIO	1506 E HIGHLAND CT	7/26/2004
SAN BERNARDINO	ONTARIO	956 PRINCETON W ST	2/10/2006
SAN BERNARDINO	ONTARIO	740 CAMALOT	9/10/2007
SAN BERNARDINO	ORO GRANDE	21451 NATIONAL TRAILS HIGHWAY	6/13/2006
SAN BERNARDINO	PHELAN	8135 JOSHUA ST	4/27/2004
SAN BERNARDINO	PHELAN	6721 NIELSON RD	9/17/2004
SAN BERNARDINO	PHELAN	11480 MACRON	10/19/2004
SAN BERNARDINO	PINON HILLS	11475 PRADO ROAD	3/27/2007
SAN BERNARDINO	RANCHO CUCAMONGA	7651 EFFEN	10/1/2004
SAN BERNARDINO	REDLANDS	1034 ALTA ST	1/28/2004
SAN BERNARDINO	REDLANDS	28565 SAN TIMOTEO CANYON	10/25/2004
SAN BERNARDINO	REDLANDS	2155 CITRUS AVE 112	2/14/2005
SAN BERNARDINO	REDLANDS	828 6TH STREET	3/23/2006
SAN BERNARDINO	REDLANDS	511 REDLANDS BOULEVARD	5/16/2007
SAN BERNARDINO	RIALTO	349 N LILAC	2/17/2004
SAN BERNARDINO	RIALTO	624 ETIWANDA AVENUE	12/22/2007
SAN BERNARDINO	SAN BERNARDINO	1443 CEDAR 23	3/9/2004
SAN BERNARDINO	SAN BERNARDINO	1443 CEDAR ST 1	4/9/2004
SAN BERNARDINO	SAN BERNARDINO	3160 N STATE ST	4/23/2004
SAN BERNARDINO	SAN BERNARDINO	2176 AMANDA ST	5/21/2004
SAN BERNARDINO	SAN BERNARDINO	1162 E 2ND	11/16/2004
SAN BERNARDINO	SAN BERNARDINO	2547 3RD AVE	12/28/2004

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SAN BERNARDINO	SAN BERNARDINO	123 E 11TH ST	1/19/2005
SAN BERNARDINO	SAN BERNARDINO	1318 E GOULD ST	1/22/2005
SAN BERNARDINO	SAN BERNARDINO	11571 5TH ST	8/29/2005
SAN BERNARDINO	SAN BERNARDINO	2131 GENEVIEVE STREET	3/10/2006
SAN BERNARDINO	SAN BERNARDINO	756 W 19 ST	3/16/2006
SAN BERNARDINO	SAN BERNARDINO	19829 KENDALL DRIVE	9/12/2006
SAN BERNARDINO	SAN BERNARDINO	2292 PORTOLA STREET	10/13/2006
SAN BERNARDINO	SAN BERNARDINO	243 MERIDIAN AVENUE	7/18/2007
SAN BERNARDINO	SAN BERNARDINO	223 49TH	11/7/2007
SAN BERNARDINO	SAN BERNARDINO	1431 7TH STREET	11/26/2007
SAN BERNARDINO	SAN BERNARDINO	6317 BONNIE STREET	4/3/2008
SAN BERNARDINO	SAN BERNARDINO	7234 DWIGHT WAY	7/1/2008
SAN BERNARDINO	SAN BERNARDINO	205 WEST BENEDICT ROAD	4/2/2010
SAN BERNARDINO	TRONA	13860 FREMONT ST 2	12/30/2004
SAN BERNARDINO	TWENTYNINE PALMS	4828 LEAR AVE	2/22/2004
SAN BERNARDINO	TWENTYNINE PALMS	7580 MAC RD	3/31/2004
SAN BERNARDINO	TWENTYNINE PALMS	5665 AERONIA	4/15/2004
SAN BERNARDINO	TWENTYNINE PALMS	68077 INDIAN TRAIL	6/16/2004
SAN BERNARDINO	UPLAND	359 SEVENTH ST	1/5/2005
SAN BERNARDINO	VICTORVILLE	16717 C ST	1/30/2004
SAN BERNARDINO	VICTORVILLE	16868 STODDARD WELLS RD	2/19/2004
SAN BERNARDINO	VICTORVILLE	15330 CONDOR RD	3/9/2004
SAN BERNARDINO	VICTORVILLE	17053 B ST	10/19/2004
SAN BERNARDINO	VICTORVILLE	16688 HUGHES	10/21/2004
SAN BERNARDINO	VICTORVILLE	16262 YUCCA AVE	8/1/2005
SAN BERNARDINO	VICTORVILLE	11550 WHITE RD	10/17/2005
SAN BERNARDINO	VICTORVILLE	13126 MESA	2/7/2006
SAN BERNARDINO	VICTORVILLE	16755 UNION ST B	2/24/2006
SAN BERNARDINO	VICTORVILLE	15618 TOPANGO ROAD	3/2/2006
SAN BERNARDINO	VICTORVILLE	13602 NASSAU DRIVE	3/15/2006
SAN BERNARDINO	VICTORVILLE	14349 HESPERIA ROAD	12/21/2006
SAN BERNARDINO	VICTORVILLE	13852 BURNING TREE LANE	5/3/2007
SAN BERNARDINO	VICTORVILLE	16753 ZENDA STREET	8/6/2007
SAN BERNARDINO	VICTORVILLE	13143 SLEEPY RIDGE LANE	3/5/2010
SAN BERNARDINO	YERMO	37933 GRANDVIEW AVENUE	8/10/2006
SAN BERNARDINO	YUCAIPA	12470 15TH ST	5/25/2005
SAN BERNARDINO	YUCCA VALLEY	58620 SAN MARINO DRIVE	9/6/2006
SAN DIEGO	ALPINE	404 SUMMERHILL TERRACE	12/2/2013
SAN DIEGO	BOULEVARD	2605 PASEO ALTA CT	1/7/2004
SAN DIEGO	CARLSBAD	382 ACACIA	8/8/2010
SAN DIEGO	CARLSBAD	847 LAGUNA	8/8/2010
SAN DIEGO	ESCONDIDO	1306 RONDA AVE	3/23/2004
SAN DIEGO	ESCONDIDO	431 4TH E AVE 1B	8/31/2004
SAN DIEGO	ESCONDIDO	16975 GUEJITO RD	3/3/2005
SAN DIEGO	ESCONDIDO	1825 EAST VALLEY WAY	6/6/2006
SAN DIEGO	ESCONDIDO JUNCTION	1531 MONTIEL	1/20/2010
SAN DIEGO	FALLBROOK	422 CATALPA LN	5/19/2004
SAN DIEGO	LA PUENTE	1254 BANNON	5/10/2007
SAN DIEGO	LAKESIDE	11441 EL NOPAL	8/12/2004
SAN DIEGO	OCEANSIDE	3965 BROWN STREET	9/20/2006
SAN DIEGO	SAN DIEGO	875 HOTEL S CIR	1/30/2004

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SAN DIEGO	SAN DIEGO	6173 FAUNA DRIVE	5/21/2004
SAN DIEGO	SAN DIEGO	4242 34TH ST D	9/16/2004
SAN DIEGO	SAN DIEGO	3835 MIDWAY #203 DRIVE	6/20/2007
SAN DIEGO	SAN DIEGO	9777 DE LA AMISTAD VIADUCT	6/12/2009
SAN DIEGO	SAN YSIDRO	905 HWY CALIENTE RD	1/16/2004
SAN DIEGO	SANTEE	8593 MAGNOLIA AVE	1/30/2004
SAN DIEGO	VALLEY CENTER	30118 MILLER ROAD	11/7/2008
SAN DIEGO	VISTA	1280 HACIENDA DR G6	11/24/2004
SAN DIEGO	VISTA	1710 AVOCADO DRIVE	9/14/2006
SAN DIEGO	VISTA	663 EUCALYPTUS	4/3/2007
SAN DIEGO	VISTA	526 MAR VISTA DRIVE	11/29/2007
SAN DIEGO	VISTA	1610 N SANTA FE	4/9/2008
SAN FRANCISCO	SAN FRANCISCO	35 BELVEDERE ST 5	3/29/2006
SAN FRANCISCO	SAN FRANCISCO	1272 45TH AVENUE	3/15/2007
SAN JOAQUIN	LATHROP	15523 SIXTH STREET	10/11/2007
SAN JOAQUIN	MANTECA	481 SOUTH UNION ROAD	4/20/2007
SAN JOAQUIN	MANTECA	250 N UNION	10/12/2007
SAN JOAQUIN	STOCKTON	7790 N ASHLEY LN	1/20/2004
SAN JOAQUIN	STOCKTON	9800 E EIGHT MILE RD	4/16/2004
SAN JOAQUIN	STOCKTON	5708 N HIGHWAY 99	4/18/2004
SAN JOAQUIN	STOCKTON	1560 SILVER CREEK	4/22/2004
SAN JOAQUIN	STOCKTON	10285 HILDRETH LN	6/30/2004
SAN JOAQUIN	STOCKTON	2717 W MARCH LN	7/31/2004
SAN JOAQUIN	STOCKTON	2654 W MARCH LN 304	8/4/2004
SAN JOAQUIN	STOCKTON	3416 FARMINGTON E RD 2	8/26/2004
SAN JOAQUIN	STOCKTON	2274 E FREMONT	9/25/2004
SAN JOAQUIN	STOCKTON	2071 LA JOLLA DR	4/25/2005
SAN JOAQUIN	STOCKTON	2553 MICHAELANGELO DRIVE	6/1/2006
SAN JOAQUIN	STOCKTON	301 MORADA	4/19/2007
SAN JOAQUIN	TRACY	14703 FINCK ROAD	8/3/2006
SAN JOAQUIN	TRACY	11422 WEST LARCH ROAD	3/14/2008
SAN LUIS OBISPO	ATASCADERO	1400 SAN RAMON	1/5/2004
SAN LUIS OBISPO	ATASCADERO	4080 DOLORES AVENUE	3/14/2006
SAN LUIS OBISPO	GROVER BEACH	448 NORTH 9TH STREET	3/30/2006
SAN LUIS OBISPO	MORRO BAY	525 ATASCADERO ROAD	7/12/2006
SAN LUIS OBISPO	NIPOMO	155 EAST PRICE STREET	4/29/2008
SAN LUIS OBISPO	PASO ROBLES	749 ORCHARD	9/5/2006
SAN LUIS OBISPO	PASO ROBLES	512 FEIN STREET	8/25/2007
SAN LUIS OBISPO	SAN LUIS OBISPO	3500 BULLOCK	8/29/2006
SAN LUIS OBISPO	SAN LUIS OBISPO	1771 CORDOVA	12/7/2011
SAN LUIS OBISPO	TEMPLETON	30 DANELION ROAD	1/15/2007
SAN MATEO	BELMONT	926 SOUTH ROAD	6/21/2006
SAN MATEO	DALY CITY	439 BONNIE STREET	1/14/2010
SAN MATEO	EAST PALO ALTO	1894 BAY ROAD	6/4/2006
SANTA CLARA	CAMPBELL	768 NEVINS STREET	7/11/2007
SANTA CLARA	GILROY	7860 DRIFTWOOD TER A	4/3/2004
SANTA CLARA	GILROY	2250 ROOP RD ROAD	8/19/2010
SANTA CLARA	LOS ALTOS	25562 FERNHILL DR	10/26/2004
SANTA CLARA	MORGAN HILL	6760 CROY RD	9/29/2004
SANTA CLARA	SAN JOSE	3570 COLUMBINE DR	1/15/2004
SANTA CLARA	SAN JOSE	110 ROUNDTABLE DR 1	2/8/2004

## National Clandestine Laboratory Register - California

COUNTY	CITY	ADDRESS	DATE
SANTA CLARA	SAN JOSE	1374 RANDOL AVE	5/5/2004
SANTA CLARA	SAN JOSE	90 SADDLEBROOK DR	6/22/2004
SANTA CLARA	SAN JOSE	935 FOXCHASE DR 413	9/21/2004
SANTA CLARA	SAN JOSE	2251 LANSFORD AVE	11/15/2004
SANTA CLARA	SAN JOSE	1425 STAHL ST	10/16/2005
SANTA CLARA	SAN JOSE	1560 DARLENE AVE	1/24/2006
SANTA CLARA	SAN JOSE	1919 FRUITDALE AVENUE	5/11/2006
SANTA CLARA	SAN JOSE	4075 HOBART AVENUE	4/27/2007
SANTA CLARA	SAN JOSE	2475 GLEN ANGUS WAY	2/21/2008
SANTA CLARA	SAN JOSE	843 SPINDRIFT WAY	3/18/2008
SANTA CLARA	SAN JOSE	1480 DOUGLAS STREET	3/20/2008
SANTA CLARA	SAN JOSE	71 AVENIDA ESPANA	5/29/2008
SANTA CLARA	SAN JOSE	973 IDLEWOOD DRIVE	8/31/2008
SANTA CLARA	SAN JOSE	800 SARATOGA AVENUE A308	6/10/2010
SANTA CLARA	SAN JOSE	5674 SAN FELIPE ROAD	8/26/2010
SANTA CLARA	SANTA CLARA	1232 WARBURTON AVE	6/8/2004
SANTA CLARA	SANTA CLARA	2597 BORAX DRIVE	2/22/2008
SANTA CLARA	SANTA CLARA	2147 NEWHALL STREET	3/9/2011
SANTA CRUZ	CAPITOLA	1066 41ST AVENUE	9/12/2010
SANTA CRUZ	SANTA CRUZ	911 SOQUEL AVE	3/18/2005
SANTA CRUZ	SANTA CRUZ	231 FELIX STREET	5/2/2006
SANTA CRUZ	SANTA CRUZ	870 17TH AVENUE	9/29/2006
SANTA CRUZ	SANTA CRUZ	15769 COMSTOCK MILL ROAD	3/13/2008
SANTA CRUZ	SOQUEL	2600 41ST ST	8/12/2004
SANTA CRUZ	WATSONVILLE	216 SILVERLEAF DRIVE	10/17/2007
SHASTA	ANDERSON	6465 SADDLE TRAIL RD	7/29/2004
SHASTA	IGO	14463 WINDWALKER LN	3/27/2006
SHASTA	REDDING	1420 ARIZONA STREET	2/2/2004
SHASTA	REDDING	781 S STREET	3/21/2004
SHASTA	REDDING	12691 WILLIAMSON RD	3/30/2004
SHASTA	REDDING	80 CHURN CREEK RD	7/18/2005
SHASTA	REDDING	3115 STRATFORD AVENUE	9/19/2006
SHASTA	REDDING	1571 COLLEGE VIEW DRIVE	8/29/2007
SHASTA	REDDING	13922A SUNDUST ROAD	3/11/2010
SHASTA	SHINGLETOWN	7498 HILDA RD	4/13/2006
SISKIYOU	DORRIS	2100 SHEEPY ISLAND RD 437	3/3/2004
SISKIYOU	WEED	208 JACKSON ST	2/21/2004
SISKIYOU	WEED	208 JACKSON ST	3/16/2004
SISKIYOU	WEED	208 JACKSON ST	7/21/2005
SOLANO	DIXON	805 N ADAMS ST 110	3/23/2004
SOLANO	DIXON	9155 OLMO RD	3/3/2006
SOLANO	SUISUN CITY	515 CRESTED DR	3/9/2005
SOLANO	VACAVILLE	7234 SHELTON LN	9/29/2005
SOLANO	VACAVILLE	148 LOMITA AVENUE	3/5/2008
SOLANO	VALLEJO	1130 MONTEREY ST	2/12/2004
SOLANO	VALLEJO	1163 LEWIS AVE	3/30/2004
SOLANO	VALLEJO	618 MAIN ST	4/20/2004
SOLANO	VALLEJO	136 HOGAN ST	5/14/2004
SOLANO	VALLEJO	318 TAPER AVENUE	1/31/2008
SOLANO	VALLEJO	264 FLYINGCLOUD COURT	4/30/2010
STANISLAUS	CERES	4837 FAITH HOME RD 119	1/1/2004

## National Clandestine Laboratory Register - California

COUNTY	CITY	ADDRESS	DATE
STANISLAUS	CERES	4022 ESMAIL KEYES	7/2/2004
STANISLAUS	CERES	2033 HACKETT RD	1/18/2005
STANISLAUS	CERES	527 MITCHELL RD	3/22/2006
STANISLAUS	CERES	3707 MONTE VISTA E AVE	3/24/2006
STANISLAUS	CERES	1743 CENTRAL	10/20/2006
STANISLAUS	CERES	112 TAYLOR ROAD	8/25/2008
STANISLAUS	CERES	1948 EVANS ROAD	11/16/2008
STANISLAUS	CERES	1528 EVANS ROAD	11/18/2008
STANISLAUS	CERES	3107 TAYLOR ROAD	5/19/2009
STANISLAUS	CERES	3107 EAST TAYLOR ROAD	5/19/2009
STANISLAUS	CERES	2329 6TH STREET	2/5/2010
STANISLAUS	DENAIR	5319 BERKELEY AVE	9/19/2004
STANISLAUS	DENAIR	4540 ARNOLD RD	2/2/2005
STANISLAUS	DENAIR	18000 KEYES ROAD	4/14/2009
STANISLAUS	GRAYSON	1705 HITO DR	4/7/2005
STANISLAUS	HICKMAN	948 HICKMAN RD	1/20/2004
STANISLAUS	HICKMAN	861 MEIER ROAD	6/19/2008
STANISLAUS	HUGHSON	1828 WHITE BIRTCH DRIVE	8/28/2011
STANISLAUS	MODESTO	3356 MAZE W BLVD	1/17/2004
STANISLAUS	MODESTO	1520 PROSPECT LN	1/24/2004
STANISLAUS	MODESTO	1312 MCHENRY 111	7/13/2004
STANISLAUS	MODESTO	2009 MONTICELLO AVE	7/13/2004
STANISLAUS	MODESTO	1516 BOLLINGER CT	9/1/2004
STANISLAUS	MODESTO	1240 N 9TH ST 10	9/5/2004
STANISLAUS	MODESTO	8100 YOSEMITE BLVD	10/3/2004
STANISLAUS	MODESTO	3708 ALMERIA DR	12/11/2004
STANISLAUS	MODESTO	400 ALGEN AVE	2/2/2005
STANISLAUS	MODESTO	1022 CALDER CT	3/26/2005
STANISLAUS	MODESTO	205 GLACIER AVE	1/18/2006
STANISLAUS	MODESTO	3500 PLAIN VIEW ROAD	3/7/2006
STANISLAUS	MODESTO	1411 SCENIC DRIVE	4/24/2006
STANISLAUS	MODESTO	110 WISENOR	5/18/2006
STANISLAUS	MODESTO	2008 STRACKER WAY	6/8/2006
STANISLAUS	MODESTO	620 PARADISE ROAD	9/13/2006
STANISLAUS	MODESTO	306 LOCUST STREET	9/14/2006
STANISLAUS	MODESTO	665 7TH STREET	12/4/2006
STANISLAUS	MODESTO	1331 PARADISE ROAD	6/3/2007
STANISLAUS	MODESTO	1016 EAST MARLOW	6/19/2008
STANISLAUS	MODESTO	1016 MARLOW	6/19/2008
STANISLAUS	MODESTO	1898 SKYLANE WAY	5/21/2009
STANISLAUS	MODESTO	1600 FRENCH	8/11/2011
STANISLAUS	MODESTO	1749 POLAND	2/9/2012
STANISLAUS	NEWMAN	531 LADY SLIPPER	1/15/2008
STANISLAUS	NEWMAN	1200 MAIN STREET	7/26/2010
STANISLAUS	OAKDALE	143 N 6TH ST	1/5/2004
STANISLAUS	OAKDALE	13537 ORANGE BLOSSOM RD	10/22/2004
STANISLAUS	OAKDALE	410 ARBOLES WAY	10/26/2004
STANISLAUS	OAKDALE	755 RIVER AVE	11/29/2004
STANISLAUS	OAKDALE	445 N FIFTH	12/6/2004
STANISLAUS	OAKDALE	20601 WARNERVILLE ROAD	5/28/2009
STANISLAUS	OAKDALE	10742 PIONEER AVENUE	6/30/2009

## National Clandestine Laboratory Register - California

COUNTY	CITY	ADDRESS	DATE
STANISLAUS	PATTERSON	1830 ORANGE AVENUE	5/3/2009
STANISLAUS	RIVERBANK	3939 MINNIEAR AVE	1/31/2006
STANISLAUS	RIVERBANK	2924 STANISLAUS STREET	6/18/2009
STANISLAUS	RIVERBANK	3238 POCKET AVENUE	5/22/2010
STANISLAUS	STANISLAUS	13660 CARPENTER RD	2/7/2004
STANISLAUS	TURLOCK	6407 MITCHELL RD	4/12/2004
STANISLAUS	TURLOCK	1625 LARKSPUR ST	6/29/2004
STANISLAUS	TURLOCK	265 IRONWOOD	10/30/2004
STANISLAUS	TURLOCK	357 E OLIVE AVE	11/4/2004
STANISLAUS	TURLOCK	201 G STREET	6/26/2007
STANISLAUS	TURLOCK	1105 BEREA	9/15/2007
STANISLAUS	TURLOCK	1090 DENAIR AVENUE	1/6/2008
STANISLAUS	TURLOCK	1125 SOUTH TEGNER ROAD A	2/16/2008
STANISLAUS	TURLOCK	3800 CROWELL ROAD	4/18/2008
STANISLAUS	TURLOCK	590 MINARET AVENUE	8/5/2008
STANISLAUS	TURLOCK	677 NORTH SODERQUIST ROAD	12/15/2008
STANISLAUS	TURLOCK	4519 MOFFETT ROAD	4/22/2009
STANISLAUS	TURLOCK	6107 MOUNTAIN VIEW ROAD	5/19/2009
STANISLAUS	TURLOCK	460 MOFFET ROAD	5/29/2009
STANISLAUS	TURLOCK	1180 WEST LINWOOD AVENUE	2/9/2010
STANISLAUS	WATERFORD	575 E ST	3/5/2004
SUTTER	LIVE OAK	2691 STAFFORD DR	11/10/2004
SUTTER	LIVE OAK	9755 O ST	4/7/2005
SUTTER	SUTTER	2235 MADRONE ST	5/17/2004
SUTTER	YUBA CITY	2898 MCKENLY RD	1/11/2004
SUTTER	YUBA CITY	1400 LYTTLE RD	2/17/2004
SUTTER	YUBA CITY	1718 ELMER RD	3/10/2004
SUTTER	YUBA CITY	1292 HARTER RD	5/11/2004
SUTTER	YUBA CITY	1619 FRANKLIN RD K	6/7/2004
SUTTER	YUBA CITY	1081 NORTHRIDGE DR	9/1/2004
SUTTER	YUBA CITY	400 WALTON N AVE 3	9/2/2004
SUTTER	YUBA CITY	761 CHESTNUT ST	10/18/2004
SUTTER	YUBA CITY	413 PINE ST	10/30/2004
SUTTER	YUBA CITY	1368 HUTCHINSON A	11/5/2004
SUTTER	YUBA CITY	24 CENTRAL AVE	12/11/2004
SUTTER	YUBA CITY	132 S WALTON AVE A	12/22/2004
SUTTER	YUBA CITY	1587 GRAY AVE	2/15/2005
SUTTER	YUBA CITY	1341 DUSTIN DR 39	9/1/2005
SUTTER	YUBA CITY	4098 MARLETTE RD	1/23/2006
SUTTER	YUBA CITY	1115 MARCIA AVENUE	2/18/2006
SUTTER	YUBA CITY	1250 KENNY DRIVE	5/19/2006
SUTTER	YUBA CITY	617 FORBES AVENUE	1/2/2007
TEHAMA	CORNING	6330 PIEDMONT RD	9/27/2004
TEHAMA	CORNING	323 RIO DEL REY COURT	7/31/2006
TEHAMA	LOS MOLINOS	24881 68TH	4/28/2010
TEHAMA	RED BLUFF	19932 SAWTOOTH DRIVE	8/1/2006
TRINITY	TRINITY CENTER	360 MAUDE AVENUE	3/11/2007
TULARE	CUTLER	39500 ROAD 136	4/28/2006
TULARE	DINUBA	39780 ROAD 56	3/31/2004
TULARE	DINUBA	38929 ROAD 84	8/17/2006
TULARE	LINDSAY	1445 E HONOLULU	3/24/2004

## National Clandestine Laboratory Register - California

<b>COUNTY</b>	<b>CITY</b>	<b>ADDRESS</b>	<b>DATE</b>
TULARE	PORTERVILLE	27003 AVENUE 120	2/7/2004
TULARE	PORTERVILLE	1611 E SUCCESS DRIVE	1/7/2006
TULARE	PORTERVILLE	670 E POPLAR	1/7/2006
TULARE	TIPTON	14144 ROAD 152	8/9/2006
TULARE	TULARE	26442 99 HWY 210	5/26/2004
TULARE	VISALIA	3347 WEST HILLSDALE STREET G	11/3/2008
TULARE	WOODVILLE	16477 HUDSON AVE	1/29/2004
VENTURA	FILLMORE	2989 WEST W TELEGRAPH ROAD HIC	6/14/2006
VENTURA	N/A	5892 SANTA CLARA RD	2/22/2006
VENTURA	OXNARD	765 KOHALA STREET	11/9/2006
VENTURA	THOUSAND OAKS	982 EAST JANAS ROAD	3/20/2007
VENTURA	VENTURA	1300 SARATOGA STREET	5/4/2006
YOLO	WEST SACRAMENTO	1155 LINDEN RD	1/13/2004
YOLO	WEST SACRAMENTO	1900 EVERGREEN AVENUE	3/30/2007
YOLO	WOODLAND	1730 DONNER WAY	3/10/2004
YUBA	ARBOGA	13814 CHARLIES LN	5/27/2004
YUBA	LOMA RICA	5124 WOLF TRAIL	1/25/2006
YUBA	MARYSVILLE	1118 I ST	4/6/2004
YUBA	MARYSVILLE	1205 E 22ND ST	4/12/2004
YUBA	MARYSVILLE	222 H ST	4/14/2004
YUBA	MARYSVILLE	1804 HILE AVE C	5/12/2004
YUBA	MARYSVILLE	1505 RAMIREZ RD	5/20/2004
YUBA	MARYSVILLE	5956 PARK AVE O	7/18/2004
YUBA	MARYSVILLE	5818 PARK AVE	8/3/2004
YUBA	MARYSVILLE	5931 REDBURN AVE	8/8/2004
YUBA	MARYSVILLE	1735 N BEALE RD	9/10/2004
YUBA	MARYSVILLE	2209 BOULTON WAY	10/18/2004
YUBA	MARYSVILLE	976 KAY ST	10/25/2004
YUBA	MARYSVILLE	5395 FEATHER RIVER BLVD	12/21/2004
YUBA	MARYSVILLE	5528 ALICIA AVE	2/22/2005
YUBA	MARYSVILLE	5696 ARBOGA RD	3/9/2005
YUBA	MARYSVILLE	1100 E 17TH ST 36	5/18/2005
YUBA	MARYSVILLE	885 GRAND AVE	5/24/2005
YUBA	MARYSVILLE	209 E ST	12/13/2005
YUBA	MARYSVILLE	1097 VINE AVE	1/12/2006
YUBA	MARYSVILLE	647 RAMIREZ RD B	2/16/2006
YUBA	MARYSVILLE	714 BOYER ROAD	3/30/2006
YUBA	MARYSVILLE	5514 FEATHER RIVER BOULEVARD	7/13/2006
YUBA	MARYSVILLE	8369 HWY 70	10/3/2006
YUBA	MARYSVILLE	7340 DOC ADAMS ROAD	10/9/2006
YUBA	MARYSVILLE	1164 REDWOOD AVENUE	6/11/2007
YUBA	MARYSVILLE	4499 EAST ERLE ROAD	7/7/2007
YUBA	OLIVEHURST	3735 ARBOGA RD	9/27/2004
YUBA	OLIVEHURST	4456 COLLEGE	9/28/2004
YUBA	OLIVEHURST	1941 14TH ST	11/3/2004
YUBA	OLIVEHURST	4461 COLLEGE WAY	11/17/2004
YUBA	OLIVEHURST	1696 10TH AVE	1/27/2005
YUBA	OLIVEHURST	1440 BROADWAY RD	1/17/2006
YUBA	OLIVEHURST	3948 SHIMER RD	1/31/2006
YUBA	OLIVEHURST	4605 SUMMERS LN	1/31/2006

# **APPENDIX C**

## **PHOTOGRAPHS**

**PHOTOGRAPHS**  
**25192 Commercentre Drive**  
**Lake Forest, Orange County, California**



**1. View to the northwest of Site.**



**2. View to the northeast of Site.**

**PHOTOGRAPHS**  
**25192 Commercentre Drive**  
**Lake Forest, Orange County, California**



**3. View to the south of Site.**



**4. View to southeast of Site.**

**PHOTOGRAPHS**  
**25192 Commercentre Drive**  
**Lake Forest, Orange County, California**



**5. View to the east of Site.**



**6. View to the north of Site.**

**PHOTOGRAPHS**  
**25192 Commercentre Drive**  
**Lake Forest, Orange County, California**



**7. View to the east of Site.**



**8. View to north of Site.**

**PHOTOGRAPHS**  
**25192 Commercentre Drive**  
**Lake Forest, Orange County, California**



**9. View to the southeast of Site.**



**10. View to north of Site.**

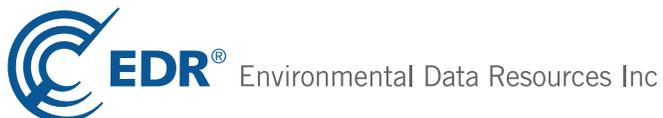
# **APPENDIX D**

## **ENVIRONMENTAL DATABASE REPORT**

**Lot 13 of Tract 13343**  
25192 Commercentre Drive  
Lake Forest, CA 92630

Inquiry Number: 3879196.2s  
March 12, 2014

## The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

25192 COMMERCENTRE DRIVE  
LAKE FOREST, CA 92630

#### COORDINATES

Latitude (North): 33.6687000 - 33° 40' 7.32"  
Longitude (West): 117.6907000 - 117° 41' 26.52"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 435966.8  
UTM Y (Meters): 3725443.8  
Elevation: 553 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33117-F6 EL TORO, CA  
Most Recent Revision: 1982

### AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2012  
Source: USDA

### 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***

Proposed NPL..... Proposed National Priority List Sites

## EXECUTIVE SUMMARY

NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing

### ***Federal CERCLIS NFRAP site List***

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

### ***Federal RCRA generators list***

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

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

LUCIS..... Land Use Control Information System

### ***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***

SLIC..... Statewide SLIC Cases

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

### ***State and tribal voluntary cleanup sites***

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

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

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

## EXECUTIVE SUMMARY

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

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

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

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

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

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

### **Local Land Records**

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

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

HMIRS..... Hazardous Materials Information Reporting System  
CHMIRS..... California Hazardous Material Incident Report System  
LDS..... Land Disposal Sites Listing  
MCS..... Military Cleanup Sites Listing  
Orange Co. Industrial Site..... List of Industrial Site Cleanups  
SPILLS 90..... SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators  
DOT OPS..... Incident and Accident Data  
FUDS..... Formerly Used Defense Sites  
CONSENT..... Superfund (CERCLA) Consent Decrees  
UMTRA..... Uranium Mill Tailings Sites  
US MINES..... Mines Master Index File  
TRIS..... Toxic Chemical Release Inventory System  
TSCA..... Toxic Substances Control Act  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
SSTS..... Section 7 Tracking Systems  
ICIS..... Integrated Compliance Information System  
PADS..... PCB Activity Database System

## EXECUTIVE SUMMARY

MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
CA BOND EXP. PLAN.....	Bond Expenditure Plan
UIC.....	UIC Listing
NPDES.....	NPDES Permits Listing
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
HIST CORTESE.....	Hazardous Waste & Substance Site List
CUPA Listings.....	CUPA Resources List
Notify 65.....	Proposition 65 Records
WIP.....	Well Investigation Program Case List
ENF.....	Enforcement Action Listing
HAZNET.....	Facility and Manifest Data
EMI.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
WDS.....	Waste Discharge System
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
PRP.....	Potentially Responsible Parties
US FIN ASSUR.....	Financial Assurance Information
Financial Assurance.....	Financial Assurance Information Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
LEAD SMELTERS.....	Lead Smelter Sites
2020 COR ACTION.....	2020 Corrective Action Program List
EPA WATCH LIST.....	EPA WATCH LIST
PROC.....	Certified Processors Database
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
MWMP.....	Medical Waste Management Program Listing
COAL ASH DOE.....	Steam-Electric Plant Operation Data

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
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.

## EXECUTIVE SUMMARY

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 NPL site list***

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>EL TORO MARINE CORPS AIR STATI</i></b>	<b><i>EL TORO MARINE CORPS AI</i></b>	<b><i>0 - 1/8 (0.000 mi.)</i></b>	<b><i>0</i></b>	<b><i>8</i></b>

#### ***Federal CERCLIS list***

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

A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>EL TORO MARINE CORPS AIR STATI</i></b>	<b><i>EL TORO MARINE CORPS AI</i></b>	<b><i>0 - 1/8 (0.000 mi.)</i></b>	<b><i>0</i></b>	<b><i>8</i></b>

#### ***Federal RCRA CORRACTS facilities list***

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>EL TORO MARINE CORPS AIR STATI</i></b>	<b><i>EL TORO MARINE CORPS AI</i></b>	<b><i>0 - 1/8 (0.000 mi.)</i></b>	<b><i>0</i></b>	<b><i>8</i></b>

## EXECUTIVE SUMMARY

### ***Federal RCRA non-CORRACTS TSD facilities list***

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

A review of the RCRA-TSDF list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>EL TORO MARINE CORPS AIR STATI</i>	<i>EL TORO MARINE CORPS AI</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>0</i>	<i>8</i>

### ***Federal RCRA generators list***

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

A review of the RCRA-LQG list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>AGILENT TECHNOLOGIES INC</i>	<i>25200 COMMERCENTRE DRIV</i>	<i>E 0 - 1/8 (0.040 mi.)</i>	<i>1</i>	<i>77</i>

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

A review of the RCRA-SQG list, as provided by EDR, and dated 09/10/2013 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>EL TORO MARINE CORPS AIR STATI</i>	<i>EL TORO MARINE CORPS AI</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>0</i>	<i>8</i>
<i>COMPRESSION</i>	<i>25242 ARCTIC OCEAN DR</i>	<i>SSE 0 - 1/8 (0.082 mi.)</i>	<i>2</i>	<i>89</i>
<i>OAKLEY OPTICAL RESEARCH AND DE</i>	<i>25431 ARCTIC OCEAN</i>	<i>ESE 1/8 - 1/4 (0.190 mi.)</i>	<i>A3</i>	<i>90</i>

## EXECUTIVE SUMMARY

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

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 12/17/2013 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>EL TORO MARINE CORPS AIR STATI</i>	<i>EL TORO MARINE CORPS AI</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>0</i>	<i>8</i>

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

A review of the US INST CONTROL list, as provided by EDR, and dated 12/17/2013 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>EL TORO MARINE CORPS AIR STATI</i>	<i>EL TORO MARINE CORPS AI</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>0</i>	<i>8</i>

### ***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 11/18/2013 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MUSICK BRANCH JAIL</i>	<i>13502 MUSICK RD</i>	<i>SW 1/4 - 1/2 (0.483 mi.)</i>	<i>B8</i>	<i>98</i>

### ***State and tribal leaking storage tank lists***

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 12/16/2013 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MUSICK BRANCH JAIL</i>	<i>13502 MUSICK RD</i>	<i>SW 1/4 - 1/2 (0.483 mi.)</i>	<i>B7</i>	<i>97</i>
<i>MUSICK BRANCH JAIL</i> Status: Open - Remediation	<i>13502 MUSICK RD</i>	<i>SW 1/4 - 1/2 (0.483 mi.)</i>	<i>B8</i>	<i>98</i>

## EXECUTIVE SUMMARY

### ADDITIONAL ENVIRONMENTAL RECORDS

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

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

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GREENWASTE, R &amp; S SOIL PRODUCT</b>	<b>20200 BAKE PARKWAY</b>	<b>ESE 1/4 - 1/2 (0.274 mi.)</b>	<b>6</b>	<b>93</b>

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

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

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EL TORO MARINE CORPS AIR STATI		WNW 0 - 1/8 (0.003 mi.)	0	8

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

A review of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EL TORO MARINE CORPS AIR STATI</b>	<b>EL TORO MARINE CORPS AI</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>8</b>

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

A review of the DRYCLEANERS list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KNIGHT LLC	20531 CRESCENT BAY DR	S 1/8 - 1/4 (0.224 mi.)	5	92

## EXECUTIVE SUMMARY

### EDR HIGH RISK HISTORICAL RECORDS

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

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

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there is 1 EDR US Hist Auto Stat site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	25471 ARCTIC OCEAN DR	ESE 1/8 - 1/4 (0.212 mi.)	A4	92

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 7 records.

<u>Site Name</u>	<u>Database(s)</u>
STOCKPILE SITE LOT 103	NPDES
WHISTLER TRACT NO 17473	NPDES
SPECTRUM APARTMENTS LOT 105	NPDES
PORTOLA SPRING TRACT 17367 SEVILLA	NPDES
ORANGE COUNTY COMPOSTING, LLC	SWF/LF
USMCAS EL TORO UST 759B	LUST
USMCAS EL TORO TANK FARM 555	LUST

# OVERVIEW MAP - 3879196.2s



 Target Property

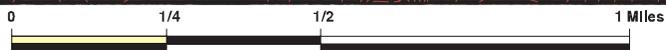
 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites



 Indian Reservations BIA

 Power transmission lines

 Oil & Gas pipelines from USGS

 100-year flood zone

 500-year flood zone

 Areas of Concern



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

SITE NAME: Lot 13 of Tract 13343  
 ADDRESS: 25192 Commercentre Drive  
 Lake Forest CA 92630  
 LAT/LONG: 33.6687 / 117.6907

CLIENT: Geotek Inc  
 CONTACT: Anna M. Scott  
 INQUIRY #: 3879196.2s  
 DATE: March 12, 2014 11:24 pm

# DETAIL MAP - 3879196.2s



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

-  Indian Reservations BIA
-  Oil & Gas pipelines from USGS
-  100-year flood zone
-  500-year flood zone
-  Areas of Concern

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

SITE NAME: Lot 13 of Tract 13343  
 ADDRESS: 25192 Commercentre Drive  
 Lake Forest CA 92630  
 LAT/LONG: 33.6687 / 117.6907

CLIENT: Geotek Inc  
 CONTACT: Anna M. Scott  
 INQUIRY #: 3879196.2s  
 DATE: March 12, 2014 11:25 pm

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		1	0	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS	0.500		1	0	0	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		1	0	0	0	NR	1
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		1	0	0	NR	NR	1
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		2	1	NR	NR	NR	3
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS	0.500		1	0	0	NR	NR	1
US INST CONTROL	0.500		1	0	0	NR	NR	1
LUCIS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL RESPONSE</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i></b>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	1	NR	NR	1
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	2	NR	NR	2

## 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
SLIC	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	1	NR	NR	1
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
CA FID UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
SWEEPS UST	0.250		0	0	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS	TP		NR	NR	NR	NR	NR	0
Orange Co. Industrial Site	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		1	0	0	0	NR	1
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		1	0	0	0	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
COAL ASH EPA	0.500		0	0	0	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0

### **EDR HIGH RISK HISTORICAL RECORDS**

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

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	1	NR	NR	NR	1
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

### **EDR RECOVERED GOVERNMENT ARCHIVES**

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

RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

#### 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

**DOD**  
**Region**  
**WNW**  
**< 1/8**  
**14 ft.**

**EL TORO MARINE CORPS AIR STATION (CLOSED)**  
**EL TORO MARINE CORPS AIR (County), CA**

**DOD** **CUSA143948**  
**N/A**

DOD:

Feature 1: Marine Corps DOD  
Feature 2: Not reported  
Feature 3: Not reported  
URL: Not reported  
Name 1: El Toro Marine Corps Air Station (Closed)  
Name 2: Not reported  
Name 3: Not reported  
State: CA  
DOD Site: Yes  
Tile name: CAORANGE

**NPL**  
**Region**  
**< 1/8**  
**1 ft.**

**EL TORO MARINE CORPS AIR STATION**  
**EL TORO MARINE CORPS AIR STA**  
**EL TORO, CA 92709**

**RCRA-TSDF** **1000417911**  
**NPL** **CA6170023208**  
**CERCLIS**  
**CORRACTS**  
**RCRA-SQG**  
**US ENG CONTROLS**  
**US INST CONTROL**  
**ROD**  
**RAATS**  
**PRP**

RCRA-TSDF:

Date form received by agency: 01/29/2002  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Facility address: MCAS EL TORO  
EL TORO, CA 92709  
EPA ID: CA6170023208  
Mailing address: CARETAKER SITE OFFICE  
PO BOX 444  
EAST IRVINE, CA 92650  
Contact: EDWARD L NUNN  
Contact address: Not reported  
Not reported  
Contact country: Not reported  
Contact telephone: (619) 572-1404  
Contact email: Not reported  
EPA Region: 09  
Land type: Federal  
Classification: TSDF  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Owner/Operator Summary:

Owner/operator name: U.S. MARINE CORPS  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Federal  
Owner/Operator Type: Owner  
Owner/Op start date: 03/17/1943

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/29/2002  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Site name: MCAS EL TORO  
Classification: Large Quantity Generator

Date form received by agency: 04/15/1999  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Site name: MCAS EL TORO  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Site name: USMC AIR STATION EL TORO  
Classification: Large Quantity Generator

Date form received by agency: 01/31/1996  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Site name: USMC MCAS EL TORO  
Classification: Large Quantity Generator

Date form received by agency: 03/30/1994  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Site name: USMC MCAS EL TORO  
Classification: Large Quantity Generator

Date form received by agency: 10/26/1993  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Site name: USMC AIR STATION EL TORO  
Classification: Large Quantity Generator

Date form received by agency: 02/29/1992  
Facility name: MARINE CORPS AIR STATION, EL TORO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Site name: MCAS EL TORO FMD 1JG B.368  
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 10/01/1986  
Event: CA049PA

Event date: 10/01/1986  
Event: CA029SF

Event date: 06/01/1987  
Event: CA049SI

Event date: 10/24/1990  
Event: CMS Imposition

Event date: 10/24/1990  
Event: RFI Imposition

Event date: 04/20/1991  
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 01/01/1996  
Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.

Event date: 05/01/1996  
Event: RFA Completed

Event date: 05/01/1996  
Event: RFA Completed, Assessment was an RFA.

Event date: 05/01/1996  
Event: RFA Determination Of Need For An RFI, RFI is Necessary;

Event date: 01/23/1997  
Event: CMS Approved

Event date: 01/23/1997  
Event: RFI Approved

Event date: 01/23/1997  
Event: RFI Workplan Approved

Event date: 01/23/1997  
Event: CMS Workplan Approved

Event date: 09/30/1997  
Event: Date For Remedy Selection (CM Imposed)

Event date: 09/30/1997  
Event: Date For Remedy Selection (CM Imposed)

Event date: 06/17/1998  
Event: Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

Event date: 06/17/1998  
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 06/17/1998  
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

Event date: 06/17/1998  
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 06/17/1998  
Event: CA Responsibility Referred To A Non-RCRA Federal Authority

Event date: 06/17/1998  
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

Event date: 07/23/2004  
Event: Corrective Action Process Terminated

Event date: 07/23/2004  
Event: Corrective Action Process Terminated, Remedial Activities Completed

Event date: 08/29/2005  
Event: Corrective Action Process Terminated

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.30-34.C  
Area of violation: Generators - General  
Date violation determined: 05/20/1997  
Date achieved compliance: 01/14/1998  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/20/1997  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.10-18.B  
Area of violation: TSD - General  
Date violation determined: 05/20/1997  
Date achieved compliance: 01/14/1998  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/20/1997  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 05/20/1997  
Date achieved compliance: 01/14/1998  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/20/1997  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I  
Area of violation: TSD - General  
Date violation determined: 05/20/1997  
Date achieved compliance: 01/14/1998  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/20/1997  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 261.5  
Area of violation: Generators - General  
Date violation determined: 03/27/1996  
Date achieved compliance: 09/27/1996  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/27/1996  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 03/27/1996  
Date achieved compliance: 09/27/1996  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/27/1996  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Paid penalty amount: Not reported

Regulation violated: F - 262.20-23.B  
Area of violation: Generators - General  
Date violation determined: 03/27/1996  
Date achieved compliance: 09/27/1996  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/27/1996  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 262.40-43.D  
Area of violation: Generators - General  
Date violation determined: 03/27/1996  
Date achieved compliance: 09/27/1996  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/27/1996  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 262.30-34.C  
Area of violation: Generators - General  
Date violation determined: 03/26/1996  
Date achieved compliance: 09/27/1996  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/27/1996  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I  
Area of violation: TSD - General  
Date violation determined: 04/19/1995  
Date achieved compliance: 05/01/1995  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 04/19/1995  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Regulation violated: FR - 264.10-18.B  
Area of violation: TSD - General  
Date violation determined: 04/19/1995  
Date achieved compliance: 05/01/1995  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 04/19/1995  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.30-37.C  
Area of violation: TSD - General  
Date violation determined: 04/19/1995  
Date achieved compliance: 05/01/1995  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 04/19/1995  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.50-56.D  
Area of violation: TSD - General  
Date violation determined: 04/19/1995  
Date achieved compliance: 05/01/1995  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 04/19/1995  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.30-37.C  
Area of violation: TSD - General  
Date violation determined: 12/28/1993  
Date achieved compliance: 01/17/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/28/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 03/10/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80500  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 04/26/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 42000  
Paid penalty amount: 42000

Regulation violated: FR - 264.10-18.B  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.40-43.D  
Area of violation: Generators - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 03/10/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80500  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.40-43.D  
Area of violation: Generators - General

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.30-37.C  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 04/26/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 42000  
Paid penalty amount: 42000

Regulation violated: FR - 264.70-77.E  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 03/10/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80500  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.40-43.D  
Area of violation: Generators - General  
Date violation determined: 12/09/1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 04/26/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 42000  
Paid penalty amount: 42000

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 03/10/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80500  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 04/26/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 42000  
Paid penalty amount: 42000

Regulation violated: FR - 264.10-18.B  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 04/26/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 42000  
Paid penalty amount: 42000

Regulation violated: FR - 264.30-37.C  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 03/10/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80500  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.30-37.C  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 04/26/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 42000  
Paid penalty amount: 42000

Regulation violated: FR - 264.10-18.B  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 03/10/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80500  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 10/05/1992  
Date achieved compliance: 12/09/1992  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I  
Area of violation: TSD - General  
Date violation determined: 10/05/1992  
Date achieved compliance: 12/09/1992  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.10-18.B  
Area of violation: TSD - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

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Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.30-37.C  
Area of violation: TSD - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.40-43.D  
Area of violation: Generators - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I  
Area of violation: TSD - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.20-23.B  
Area of violation: Generators - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/21/1991

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.30-34.C  
Area of violation: Generators - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 06/13/1990  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 09/28/1990  
Enf. disposition status: Not reported

Map ID  
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Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 06/13/1990  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/06/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 09/28/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 09/28/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported

Map ID  
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Database(s)

EDR ID Number  
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**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268.7  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/06/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268.7  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 09/28/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/06/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA

Map ID  
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Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/06/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/17/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268.7  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/17/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 09/28/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported

Map ID  
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Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/06/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/17/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268.7  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/17/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported

Map ID  
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Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 11/17/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 09/28/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Map ID  
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Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 11/17/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/06/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 09/28/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/06/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270

Map ID  
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**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Area of violation: TSD - General  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 03/05/1987  
Date achieved compliance: 08/17/1988  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 03/05/1987  
Date achieved compliance: 08/17/1988  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268.7  
Area of violation: LDR - General  
Date violation determined: 03/05/1987  
Date achieved compliance: 08/17/1988  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:  
Evaluation date: 01/14/1998

Map ID  
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**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	05/20/1997
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General
Date achieved compliance:	01/14/1998
Evaluation lead agency:	State
Evaluation date:	05/20/1997
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	01/14/1998
Evaluation lead agency:	State
Evaluation date:	03/26/1996
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	09/27/1996
Evaluation lead agency:	State
Evaluation date:	03/30/1995
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General
Date achieved compliance:	05/01/1995
Evaluation lead agency:	State
Evaluation date:	11/17/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General
Date achieved compliance:	01/17/1994
Evaluation lead agency:	State
Evaluation date:	10/26/1992
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General
Date achieved compliance:	09/26/1994
Evaluation lead agency:	State
Evaluation date:	10/26/1992
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	09/26/1994
Evaluation lead agency:	State
Evaluation date:	10/26/1992
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	LDR - General
Date achieved compliance:	09/26/1994
Evaluation lead agency:	State
Evaluation date:	09/17/1992
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported

Map ID  
Direction  
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MAP FINDINGS

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EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Evaluation lead agency: EPA

Evaluation date: 06/17/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 12/09/1992  
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 06/17/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 11/25/1991  
Evaluation lead agency: EPA

Evaluation date: 06/17/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 11/25/1991  
Evaluation lead agency: EPA

Evaluation date: 06/13/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 11/25/1991  
Evaluation lead agency: EPA

Evaluation date: 07/11/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Closure/Post-Closure  
Date achieved compliance: 06/13/1990  
Evaluation lead agency: EPA

Evaluation date: 07/11/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 06/13/1990  
Evaluation lead agency: EPA

Evaluation date: 07/11/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 11/25/1991  
Evaluation lead agency: EPA

Evaluation date: 08/17/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 07/11/1989  
Evaluation lead agency: EPA

Evaluation date: 08/17/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Closure/Post-Closure  
Date achieved compliance: 07/11/1989  
Evaluation lead agency: EPA

Evaluation date: 03/05/1987

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 08/17/1988  
Evaluation lead agency: EPA

Evaluation date: 03/05/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 08/17/1988  
Evaluation lead agency: EPA

**NPL:**

EPA ID: CA6170023208  
EPA Region: 09  
Federal: Y  
Final Date: 1990-02-21 00:00:00

**Category Details:**

NPL Status: Currently on the Final NPL  
Category Description: Depth To Aquifer-> 50 And <= 100 Feet  
Category Value: 100

NPL Status: Currently on the Final NPL  
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile  
Category Value: 10

**Site Details:**

Site Name: EL TORO MARINE CORPS AIR STATION  
Site Status: Final  
Site Zip: 92709  
Site City: EL TORO  
Site State: CA  
Federal Site: Yes  
Site County: ORANGE  
EPA Region: 09  
Date Proposed: 06/24/88  
Date Deleted: Not reported  
Date Finalized: 02/21/90

**Substance Details:**

NPL Status: Currently on the Final NPL  
Substance ID: Not reported  
Substance: Not reported  
CAS #: Not reported  
Pathway: Not reported  
Scoring: Not reported

NPL Status: Currently on the Final NPL  
Substance ID: A046  
Substance: POLYCHLORINATED BIPHENYLS  
CAS #: 1336-36-3  
Pathway: NO PATHWAY INDICATED  
Scoring: 1

NPL Status: Currently on the Final NPL  
Substance ID: D008

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EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Substance: LEAD (PB)  
CAS #: 7439-92-1  
Pathway: GROUND WATER PATHWAY  
Scoring: 3

NPL Status: Currently on the Final NPL  
Substance ID: U044  
Substance: CHLOROFORM  
CAS #: 67-66-3  
Pathway: GROUND WATER PATHWAY  
Scoring: 4

NPL Status: Currently on the Final NPL  
Substance ID: U210  
Substance: TETRACHLOROETHENE  
CAS #: 127-18-4  
Pathway: GROUND WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: U211  
Substance: CARBON TETRACHLORIDE  
CAS #: 56-23-5  
Pathway: GROUND WATER PATHWAY  
Scoring: 4

NPL Status: Currently on the Final NPL  
Substance ID: U228  
Substance: TRICHLOROETHYLENE (TCE)  
CAS #: 79-01-6  
Pathway: NO PATHWAY INDICATED  
Scoring: 1

**Summary Details:**

Conditions at proposal June 24, 1988): The El Toro Marine Corps Air Station covers approximately 4,700 acres southeast of Santa Ana in El Toro, Orange County, California. Commissioned in 1943, it supports the Fleet Marine Forces in the Pacific Ocean. The surrounding area, once primarily agricultural, is urbanizing rapidly. Station El Toro is participating in the Installation Restoration Program (IRP), established in 1978. Under the program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. As part of IRP, the Navy identified 21 problem areas at the station, including three landfills containing both hazardous and solid waste; buried drums of explosives and low-level radioactive waste; and areas where PCBs, battery acids, leaded fuels, and other hazardous substances were dumped or spilled. In tests conducted early in 1987, the Orange County Water District found trichloroethylene and tetrachloroethylene in shallow irrigation wells on and downgradient of the site. An estimated 1,100 acres of land are irrigated by wells within 3 miles of the site. Status February 21, 1990): In April 1989, Station El Toro prepared a Perimeter Investigation Interim Report which focused on four contaminated areas. Further studies are continuing to determine the extent and sources of contamination.

**Site Status Details:**

NPL Status: Final  
Proposed Date: 06/24/1988

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Distance  
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EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Final Date: 02/21/1990  
Deleted Date: Not reported

Narratives Details:

NPL Name: EL TORO MARINE CORPS AIR STATION  
City: EL TORO  
State: CA

CERCLIS:

Site ID: 0902770  
EPA ID: CA6170023208  
Facility County: ORANGE  
Short Name: EL TORO MARINE CORPS AIR  
Congressional District: 45  
IFMS ID: 09H6  
SMSA Number: 0360  
USGC Hydro Unit: 18070204  
Federal Facility: Federal Facility  
DMNSN Number: 4710.00000  
Site Orphan Flag: N  
RCRA ID: Not reported  
USGS Quadrangle: Not reported  
Site Init By Prog: Not reported  
NFRAP Flag: Not reported  
Parent ID: Not reported  
RST Code: Not reported  
EPA Region: 09  
Classification: Federal Facility  
Site Settings Code: SU  
NPL Status: Currently on the Final NPL  
DMNSN Unit Code: ACRE  
RBRAC Code: Not reported  
RResp Fed Agency Code: USNV  
Non NPL Status: Not reported  
Non NPL Status Date: / /  
Site Fips Code: 06059  
CC Concurrence Date: / /  
CC Concurrence FY: Not reported  
Alias EPA ID: Not reported  
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 13003854.00000  
Contact Name: Leslie Ramirez  
Contact Tel: (415) 972-3978  
Contact Title: Site Assessment Manager (SAM)  
Contact Email: Not reported

Contact ID: 13003858.00000  
Contact Name: Sharon Murray  
Contact Tel: (415) 972-4250  
Contact Title: Site Assessment Manager (SAM)  
Contact Email: Not reported

Contact ID: 13004003.00000

Map ID  
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Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Contact Name: Carl Brickner  
Contact Tel: Not reported  
Contact Title: Site Assessment Manager (SAM)  
Contact Email: Not reported

Contact ID: 9270865.00000  
Contact Name: Mary Aycock  
Contact Tel: (415) 972-3289  
Contact Title: Remedial Project Manager (RPM)  
Contact Email: Not reported

**CERCLIS Site Alias Name(s):**

Alias ID: 101  
Alias Name: MARINE CORPS AIR STA EL TORO  
Alias Address: Not reported  
SANTA ANA, CA

Alias ID: 102  
Alias Name: EL TORO MARINE CORPS AIR STATION  
Alias Address: EL TORO MARINE CORPS AIR STA  
SANTA ANA, CA 92709

Alias ID: 103  
Alias Name: EL TORO MARINE CORPS AIR STATION  
Alias Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709

Alias ID: 9270159  
Alias Name: FORMER MCAS EL TORO  
Alias Address: EEPB FAC MGMT DEPT  
SANTA ANA, CA 91702

Alias Comments: Not reported

Site Description: MCAS El Toro was commissioned in 1943 as a Marine Corps pilot fleet operation training facility. In 1950, the Station was selected for development as a master jet station and permanent center for Marine Corps aviation on the west coast. The Station mission has involved the operation and maintenance of military aircraft and ground-support equipment. These activities generated oils, solvents, paint residues, hydraulic fluid, used batteries, and other wastes. Wastes were placed in unlined on-Station landfills, and burned or covered with soil. Environmental remediation activities at MCAS El Toro are performed under the Installation Restoration Program (IRP). The IRP was developed in 1980 by the United States Department of Defense (DoD) to comply with federal guidelines to manage and control past hazardous waste disposal actions. The first indication of contamination at the Station occurred during routine water-quality monitoring in 1985, when the Orange County Water District discovered trichloroethene (TCE) in groundwater at an irrigation well located approximately 3,000 feet downgradient of MCAS El Toro. In 1985, the DON began to work on an Initial Assessment Study (IAS) to locate potentially contaminated sites on the Station. This work was conducted for the Naval Facilities Engineering Command under the Navy Assessment and Control of Installation Pollutants Program, which was the DON version of the DoD IRP at that time. The IAS report identified 17 sites as potential sources of contamination. The identification of potentially contaminated sites was based on the results of record searches and employee interviews. The report recommended sampling locations and sample analytical parameters to confirm the suspected contamination at the sites. In 1987, the Marine Corps contracted for a review of the IAS to produce a Site Inspection Plan of Action (SIPOA). In July 1987, while the SIPOA study was underway, (California) Regional Water Quality Control Board (RWQCB) Santa Ana Region issued a cleanup and abatement order to the Marine Corps. This order required the Station to initiate a

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**EL TORO MARINE CORPS AIR STATION (Continued)**

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perimeter groundwater volatile organic compound (VOC) investigation and submit a draft report. The Site Inspection Plan of Action (SIPOA) released in August 1988 included a recommendation of 19 sites for study and amended the site sampling plans proposed in the IAS report. This SIPOA report served as the basis for the Sampling and Analysis Plan for the RI/Feasibility Study (FS) sites. In June 1988, the United States Environmental Protection Agency (U.S. EPA) recommended adding MCAS El Toro to the National Priorities List (NPL) of the Superfund Program due to VOC groundwater contamination at the Station boundary and in the agricultural wells west of the Station. MCAS El Toro was added to the National Priorities List (NPL) on 15 February 1990. In October 1990, the Marine Corps/DON signed a Federal Facilities Agreement (FFA) with U.S. EPA Region IX, California Department of Health Services, and the RWQCB Santa Ana Region. The FFA is a cooperative agreement that: 1) assures environmental impacts are investigated and appropriate response actions are taken to protect human health and the environment; 2) establishes a procedural framework and schedule for developing, implementing, and monitoring appropriate response actions; 3) facilities cooperation, exchange of information, and participation of the parties; and 4) assures adequate assessment, prompt notification, and coordination between federal and state agencies. The implementation of the FFA is included as one of the responsibilities of the Base Realignment and Closure (BRAC) Cleanup Team (BCT). The BCT consists of representatives from the DON Southwest Division Naval Facilities Engineering Command (SWDIV), U.S. EPA, DTSC, and RWQCB Santa Ana Region. The team was established to manage and coordinate environmental restoration and compliance programs related to the operational closure of MCAS El Toro by July 1999. In addition, the MCAS El Toro BCT has specified in its mission and vision statements that: 1) fast-track remediation of sites is necessary to expedite reuse; and 2) restoration and reuse is to be maximized by 1999. In December 1989, the DON began to prepare a Phase I RI Work Plan and associated documents for MCAS El Toro. The DON reviewed the available reports and other documents pertinent to past disposal practices at the Station and concluded that 22 IRP sites would be investigated. These sites were grouped into three OU's. OU-1 comprised the regional VOC groundwater investigation (Site 18), which was conducted both on and off the Station. OU-2 included the four landfill sites (Sites 2, 3, 5, and 17) and Site 10, the Petroleum Disposal Area (this site was later moved to OU-3). The remaining 16 sites were grouped together as OU-3. These sites were considered to be potential sources for a variety of contaminants. The principal objectives of the Phase I RI were to evaluate the source(s) of contamination in regional groundwater west of the Station and determine whether contamination exists and is affecting the environment at sites in OU-2 and OU-3. The results of the Phase I RI were documented in a draft Technical Memorandum issued in July 1993, a draft RI report for OU-1 issued in July 1994, a final Soil Gas Survey Technical Memorandum issued in October 1994 and a draft final interim RI/FS Report for OU-1 issued in August 1996. A variety of contaminants in the groundwater, soil, surface water, and sediment at MCAS El Toro was identified during the Phase I RI. Contaminants in the soil and sediment consisted primarily of low concentrations of semi-volatile organic compounds (SVOCs), petroleum hydrocarbons, pesticides, herbicides, and polychlorinated biphenyls. It was also concluded during the Phase I RI that the source of contamination for regional groundwater is in the southwest quadrant of the Station, but no specific source was identified. The sampling events yielded sufficient information to warrant conducting a preliminary risk assessment of contaminants at the sites for both groundwater and soil contamination. The results of the Phase I RI provided the primary data for the Phase II RI/FS. In March 1993, MCAS El Toro was placed on the BRAC III list of military facilities considered for closure. Under the terms of the FFA, Station closure would not affect the DON's obligation to conduct

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**EL TORO MARINE CORPS AIR STATION (Continued)**

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the RI/FS and to comply with the other requirements of the FFA. Concurrent with the Phase I RI, the DON conducted a Resource Conservation and Recovery Act (RCRA) Facilities Assessment (RFA) at MCAS El Toro. The purpose of the RFA was to evaluate whether an additional 140 sites at MCAS El Toro would require further investigation under the Phase II RI/FS program. The final RFA report was submitted in July 1993. Based on an evaluation of the sampling results, 25 solid waste management units (SWMU's)/areas of concern (AOC's) were recommended for further action. Site 23 (Wastewater Treatment Plant Sewer Lines) was evaluated in the RFA and was recommended for no further action. The sewer lines are located within Site 24, which was added to the Phase II RI scope. Interviews with active and retired personnel from the Fuel Operations Division and Facility Management Department were held in July 1994 at MCAS El Toro. The objectives of the meeting were to confirm and supplement information obtained from past interviews and field investigations, to obtain a better understanding of current and historical operations at MCAS El Toro, and to identify new areas of potential environmental concern at MCAS El Toro. Those interviewed had knowledge of operations and procedures for storage and disposal of hazardous materials and waste. In July 1995, a final Work Plan for the Phase II RI/FS was issued. This Work Plan presented an approach to conduct the Phase II RI at 24 IRP sites including 2 new sites, Site 24 and Site 25. The objectives of the plan were to present a data quality objective-based sampling strategy to establish confidence that inferences made from the data are correct, and, ultimately, to collect sufficient information to support risk management decisions. The Phase II RI was conducted in 1995 and 1996. During the same time period, DON performed an evaluation of background concentrations of metals in soils and reference levels for pesticides and herbicides in soils. This enabled site-specific analytical results of soil sampling to be compared with background and reference levels during the RI to identify potential releases. Subsequent to the Phase II RI, an evaluation of metals in groundwater was performed. The purpose of this evaluation was to determine whether the reported concentrations of metals in groundwater at MCAS El Toro reflect ambient conditions or are the result of anthropogenic sources associated with historical Station activities. From 1998 through 1999, the DON conducted a historical radiological assessment (HRA) of MCAS El Toro. The assessment was performed as part of the base closure process, for the release of the Station for reuse. A draft final HRA report summarizing the results of the assessments was issued in November 1999. Former Marine Corps Air Station (MCAS) El Toro lies in a semi-urban agricultural area of southern California, approximately 8 miles southeast of Santa Ana and 12 miles northeast of the city of Laguna Beach. Land northwest of the Station is used for agriculture, whereas the land to the south and northeast is used mainly for commercial, light industrial and residential purposes. Residential areas in the vicinity of Former MCAS El Toro include the cities of Lake Forest, Irvine, and Laguna Hills. Former MCAS El Toro is bordered on the south and west by the city of Irvine and on the north and east by unincorporated lands. Former MCAS El Toro was commissioned in 1943 as a Marine Corps pilot fleet operation training facility. In 1950, the Station was selected for development as a master jet station and permanent center for Marine Corps aviation on the west coast. The Station mission has involved the operation and maintenance of military aircraft and ground-support equipment. Historical activities on the Station included aircraft maintenance and repair. These activities generated oils, solvents, paint residues, hydraulic fluid, used batteries, and other wastes. Waste were placed in unlined landfills and burned or covered with soil. In some cases, wastes were released to the ground directly as the result of spills or dust-suppression activities. To support the Station's mission, facility operations were expanded over the years to include runways, aircraft maintenance and training facilities, housing, shopping facilities, and other

**EL TORO MARINE CORPS AIR STATION (Continued)**

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support facilities. Former MCAS El Toro occupies 4,738 acres of land, including 580 acres that are leased for commercial farming. Approximately 1,000 acres are designated as outleased lands that are not available for development because of airfield safety clearances. The outleased lands are along the perimeter of the Station and are used for agricultural purposes, including landscape nurseries, livestock grazing, and crop production. The adjacent/surrounding land uses around Former MCAS El Toro include residential, commercial, industrial, and recreational. During operations, land use on Former MCAS El Toro consisted of a few general types. General Station land uses are described below for the following four quadrants, as defined by the bisecting north-south and east-west runways. - The northwestern quadrant consisted of the Former MCAS El Toro headquarters, administrative services, family and bachelor housing, and community support services. - The northeastern quadrant consisted of Marine Aircraft Group activities (e.g., training, maintenance, supply and storage, and airfield operations), family housing, community support services, and ordnance storage in areas isolated by topographic relief and distance from other developments. - The southeastern quadrant consisted of administrative services, maintenance facilities, ordnance storage, and the golf course. - The southwestern quadrant consisted of aircraft maintenance facilities, supply and storage facilities, and limited administrative services. Past operations and practices at Former MCAS El Toro have contributed to soil and groundwater volatile organic compound (VOC) contamination. Former MCAS El Toro was closed on 02 July 1999. Environmental compliance and restoration activities have continued since Station closure, and a caretaker staff will remain at the Station until property transfer is complete. A community reuse plan was prepared and submitted to the Department of the Navy (DON) in 1996. The reuse plan proposed to use Former MCAS El Toro for a commercial airport as well as for other public uses including schools, parks, wildlife refuges, golf courses, homeless services, and commercial/light-industrial uses. The 1996 plan was refined by the 1999 Airport System Master Plan, which incorporated airport planning activities that resulted in some land use areas being redefined. The DON and the Federal Aviation Administration are evaluating this proposed reuse of Former MCAS El Toro and other alternatives in their joint environmental impact statement. Former MCAS El Toro lies within the Irvine Forebay I Groundwater Subbasin (Irvine Subbasin), which has been designated by the California Regional Water Quality Control Board (RWQCB) Santa Ana Region as a public water supply source. The regional aquifer at Sites 18 and 24 is not currently a source of municipal drinking water because of widespread elevated concentrations of total dissolved solids (TDS) and nitrates that exceed water quality standards; however, groundwater near the Station is used for agriculture. On-Station irrigation well 18\_TIC055, at the western end of the east-west runway, is connected to the regional irrigation distribution system. Eight other irrigation wells are located in the vicinity of the Station. Well 18JTIC055 is screened in the principal aquifer upgradient of the principal aquifer VOC plume and, because of its upgradient location, does not extract groundwater from the principal aquifer VOC plume. Well 18\_ET1 extracts water from an area within the TCE plume. Although a risk assessment performed by the Orange County Water District (OCWD) in 1986 showed that the water from this well does not represent an unacceptable human health risk, the extracted groundwater is treated using air stripping to remove VOCs before it is discharged for irrigation. The nearest drinking-water well (Tustin Walnut Well) is located at the intersection of Redhill and Walnut, approximately 2.5 miles from the leading edge of the TCE plume; however, the well is not hydraulically downgradient of the plume. The nearest downgradient drinking-water well (Dyer Road Well #3) is 3.2 miles from the leading edge of the plume. In addition, the Irvine Ranch Water District (IRWD) plans to acquire

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**EL TORO MARINE CORPS AIR STATION (Continued)**

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well 18JTIC106, located approximately 1 mile from the leading edge of the plume, as a drinking-water well. Environmental remediation activities at Former MCAS El Toro are performed under the Installation Restoration Program (IRP). The IRP was developed in 1980 by the Department of Defense (DoD) to comply with federal guidelines to manage and control contamination from past hazardous waste disposal actions. The first indication of contamination at the Station occurred during routine water quality monitoring in 1985, when OCWD discovered TCE in groundwater at an irrigation well approximately 3,000 feet downgradient of Former MCAS El Toro. In 1985, the DON began to work on an initial assessment study (IAS) to locate potentially contaminated sites on the Station. This work was conducted for the Naval Facilities Engineering Command under the Navy Assessment and Control of Installation Pollutants Program, which was the DON version of the Department of Defense (DoD) IRP at that time. The IAS report identified 17 sites as potential sources of contamination. The report also identified potentially contaminated sites based on the results of record searches and employee interviews and recommended sampling locations and analytical parameters to assess the suspected contamination. In 1987, the Marine Corps contracted for a review of the LAS to produce a site inspection plan of action (SIPOA). The SIPOA, released in August 1988, recommended 19 sites for study and amended the site sampling plans proposed in the IAS report. This SIPOA report was the basis for a sampling and analysis plan for the remedial investigation (RI)/feasibility study (FS) sites. In July 1987, while the SIPOA study was under way, RWQCB Santa Ana Region issued a Cleanup and Abatement Order (CAO) to the Marine Corps requiring the Station to initiate a perimeter groundwater VOC investigation and submit a draft report. Because the investigation revealed VOCs in the shallow groundwater unit near the Station boundary, an interim groundwater pump and treatment system was installed at this boundary. Between June 1989 and September 1993, the system pumped and treated groundwater from three extraction wells at approximately 30 gallons per minute (gpm). Over the life of the system, reported concentrations of TCE in the influent were about 10 to 160 micrograms per liter (ug/L) and reported concentrations of PCE were 25 to 100 ug/L. The extracted groundwater was treated with a granular activated carbon (GAC) treatment system and used to irrigate the Station golf course. On 13 April 1993, RWQCB rescinded the CAO, because the required actions were complete and because the DON had entered into a Federal Facilities Agreement (FFA) to investigate and remediate environmental impacts associated with past and present activities at Former MCAS El Toro. In September 1993, the pump and treatment system was shut down. In June 1988, U.S. EPA recommended adding Former MCAS El Toro to the National Priorities List (NPL) because of VOC contamination at the Station boundary and in the agricultural wells west of the Station. Former MCAS El Toro was added to the NPL on 15 February 1990. In October 1990, the Marine Corps/DON signed an FFA with U.S. EPA Region 9, California Department of Health Services (now referred to as the DTSC), and RWQCB Santa Ana Region. The Base Realignment and Closure (BRAC) Cleanup Team (BCT) is responsible for implementing the FFA. The BCT consists of representatives from the DON Southwest Division Naval Facilities Engineering Command (SWDIV), U.S. EPA, DTSC, and RWQCB Santa Ana Region. The team was established to manage and coordinate environmental restoration and compliance programs related to the closure and disposal of Former MCAS El Toro by July 1999. EPA OU-01: Basewide Groundwater Site 18, the regional groundwater volatile organic compound (VOC) plume, is defined as the area where TCE concentrations are greater than 5 ug/L in the principal aquifer. Site 18 is downgradient of Site 24 and is located entirely off-Station. The contaminated groundwater of Site 18 originates in the shallow aquifer at Site 24, migrates into the principal aquifer near the southwestern Station boundary, and extends into the principal aquifer off-Station approximately 3 miles to the west beneath the city of Irvine. The average width

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**EL TORO MARINE CORPS AIR STATION (Continued)**

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of the off-Station VOC plume is approximately 1/2 mile. VOC contamination reaches depths of 450 feet bgs in some areas. Land above the Site 18 groundwater plume has historically been used for agricultural activities. However, recently the land use has changed to mixed-use with agricultural, residential, and commercial areas. The agricultural land use has likely contributed to the reportedly elevated concentrations of total dissolved solids (TDS) and nitrate that is found throughout the basin, but it is not responsible for the extensive VOC contamination that originated at Site 24. Groundwater from Site 18 is also used to supply two artificial surface water bodies, North Lake and South Lakes, and the childrens' wading pools associated with each lake. The lakes are used for recreation, including boating, sailing, fishing, and wading. Site 24 is located in the southwestern quadrant of Former MCAS El Toro. The site is highly industrialized and contains two large aircraft hangars (Buildings 296 and 297) and several smaller buildings that were used for aircraft and vehicle maintenance and repair. The Site 24 surface cover consists of unpaved open ground, asphalt, and concrete. Most of the site (170 acres) is paved. Asphalt-covered areas were used primarily for access roads and parking lots for military and personal vehicles. Concrete covers the areas where most of the industrial activities at Site 24 have been conducted, including slabs for Buildings 296 and 297 (the two aircraft hangars), Building 295 (the helicopter hangar), and Building 324 (the former engine test facility). A network of storm drains collects rainwater from the paved surfaces of Site 24. When industrial activities were conducted at Site 24, wastewater generated from the concrete-paved areas would also have been transported via this network. The network discharges to Agua Chinon Wash on the eastern portion of the site and Bee Canyon Wash on the western portion, near the Station boundaries in these locations. Industrial activities at Site 24, such as dust suppression with waste liquids, paint stripping, degreasing, vehicle and aircraft washing, and waste disposal practices, involved the use of solvents containing VOCs such as trichloroethylene (TCE) and tetrachloroethene (PCE). Waste solvents may have reached the surface or subsurface through leakage, runoff, storm drains, or direct application to the soil and are believed to be the source of VOCs in the regional groundwater. The precise origin, nature, and use of TCE released at the site and the circumstances and quantities of individual releases are not documented. TCE usage at Former MCAS El Toro is believed to have been discontinued in the mid-1970s. The shallow groundwater plume associated with Site 24 originates at this site and extends off-Station approximately to Sand Canyon Avenue. Calculations performed during the Phase II remedial investigation (RI) showed that the concentrations of VOCs present in deeper subsurface soil at Site 24 were high enough to contaminate groundwater to levels above drinking water standards. Groundwater contamination, where present beneath Sites 7, 8, 9, 10, 11, 12, 22, and 25, has its origin at Site 24. The Irvine Desalter Project (IDP) is a local project prompted by a 1984 regional groundwater study that showed inorganic constituents, mainly TDS and nitrates were migrating from the Irvine area toward the main portion of the Orange County groundwater basin. The Irvine area's relatively poor quality of groundwater is mostly attributable to local geology and agricultural practices. After later studies identified VOCs, primarily TCE, in area groundwater, the IDP was modified to address VOCs in addition to TDS and nitrates. The IDP is being designed to meet all federal and state drinking-water standards. The OCWD and IRWD have entered into an agreement that covers design, construction, operation, and funding of the project. The OCWD is responsible for the planning, right-of-way acquisition, design, and construction of project facilities, with full participation by IRWD. IRWD will operate the project facilities. In June 2001, the DON and the Department of Justice (DOJ), on behalf of the Marine Corps, OCWD, and IRWD reached an agreement on how the IDP could fulfill the DON's obligation to

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**EL TORO MARINE CORPS AIR STATION (Continued)**

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remediate VOCs while achieving the OCWD and IRWD objectives of treating groundwater containing high concentrations of TDS and nitrates to provide a drinking- and reclaimed-water supply from the principal aquifer. A settlement agreement apportioning costs for the IDP components was signed by the OCWD on 13 June 2001, by IRWD on 19 June 2001, by the DON on 18 July 2001, and by DOJ on 07 September 2001. A Record of Decision (ROD) addressing groundwater contamination at Sites 18 and 24 was signed in June 2002. The DON's selected remedy uses the IDP as the key component of the groundwater treatment system for VOC removal at Sites 18 and 24. The Orange County Water District (OCWD), Irvine Ranch Water District (IRWD), and the Settling Federal Agencies (SFA) comprised of the U.S. Department of Justice (DOJ) and the Department of Navy (DON) reached a Settlement Agreement regarding the Modified Irvine Desalter Project (IDP) to accept and treat groundwater from Site 24 and the PA for VOC removal. Treatment of extracted groundwater contaminated with VOCs is considered the CERCLA Component of the Modified IDP. Groundwater extracted from the SGU will be conveyed by DON to a point of connection to be located at the MCAS El Toro boundary. At the point of connection, IRWD will accept the water and transport it to the Modified IDP for treatment. This Settlement Agreement was incorporated as part of the Final Groundwater ROD. The agreement provides that the United States will bear the VOC treatment costs, and OCWD and IRWD will continue to bear the costs associated with reclaimed water supply treatment requirements, including those for total dissolved solids and nitrates. The agreement specifies the quantity and quality of contaminated water that can be treated by the Modified IDP. An Explanation of Significant Differences addressing Operable Unit 1 was completed in March 2006. The remedy for soil was implemented in accordance with the Interim Soil ROD and documented in the Closure Report submitted to the regulatory agencies. The regulatory agencies concurred with the Closure Report, which concluded that the remedial action objectives (RAOs) for soil have been fulfilled. A Final Soil ROD documenting NFA for Site 24 soils was approved by the FFA signatories and finalized in April 2006. An Explanation of Significant Differences addressing Operable Unit 1 was signed in December 2008. EPA OU-02: Site 24 Soil VOC Source Area Site 24 is located in the southwest quadrant of Former MCAS El Toro. Industrial activities at Site 24, such as dust suppression with waste liquids, paint stripping, degreasing, vehicle and aircraft washing, and waste disposal practices involved the use of solvents containing VOCs such as trichloroethene (TCE) and tetrachloroethene (PCE). Waste solvents may have reached the surface or subsurface through leakage, runoff, storm drain flow, or direct application to the soil. The precise origin, nature, and use of TCE released at the site and the circumstances and quantities of individual releases are not documented. TCE usage at Former MCAS El Toro is believed to have been discontinued in the mid-1970s. Site 24 encompasses approximately 200 acres. The site slopes to the west from an elevation of about 320 feet above mean sea level (MSL) at the intersection of the east-west and north south runways to approximately 240 feet above MSL near the end of the east-west runway. The site is largely industrialized and contains two large aircraft hangars (Buildings 296 and 297) and several smaller buildings that were used for aircraft and vehicle maintenance and repair. Maintenance activities (e.g., degreasing) that occurred within these buildings may have contributed to the VOC contamination present at the site. On the basis of current local zoning, the future use of Site 24 is designated as recreational and institutional. Former MCAS El Toro lies within the Irvine Groundwater Management Zone, which has been designated by Santa Ana RWQCB as a public water supply source. The regional aquifer beneath Former MCAS El Toro is not currently a source of municipal drinking water because of widespread elevated concentrations of total dissolved solids and nitrates that exceed water quality standards; however, groundwater in the vicinity of the Station is used for agricultural

Map ID  
Direction  
Distance  
Elevation

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Site

Database(s)

EDR ID Number  
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purposes. The horizontal and vertical extent of VOCs in the vadose zone was characterized using Phase I and Phase II soil and soil gas analytical results. The results confirmed that, at the time of the RI, a primary TCE source area was present beneath Buildings 296 and 297. This source area extended vertically to groundwater directly beneath those buildings, with the highest concentrations near the water table. The trend of increasing concentration with depth suggested a depleting source at the surface, which is consistent with the end of TCE usage in approximately 1975. The maximum concentration of TCE reported in soil during the Phase II RI was 190 micrograms per kilogram (ug/kg), compared with a concentration of 400 ug/kg during the Phase I investigation. TCE in soil gas was reported at concentrations up to 6,120 ug/L. This exceeds the concentration in equilibrium with TCE-contaminated groundwater and indicates that an active mechanism existed to transfer TCE in the vadose zone to groundwater. In addition to TCE, other chlorinated VOCs, such as PCE, carbon tetrachloride, and related organic chemicals, were also reported in soil at Site 24, but with less frequency and at much lower concentrations. 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) had a soil gas volume nearly as large as that of TCE, but was not considered a threat to groundwater due to relatively low concentrations and toxicity. Soil Vapor Extraction (SVE) was selected for vadose zone remediation in an interim ROD that was finalized in September 1997. Transfer and installation of the SVE system used at Norton AFB was completed in 1998. In January 1999, the remedial design for the SVE system was completed and operational testing of the central treatment system remediation equipment began. Actual remedial action started in March 1999 with the use of portable SVE systems to extract VOCs from existing SVE wells. The central treatment system operation and installation of the initial phase of additional SVE wells and the associated vapor conveyance piping began in May 1999. By the end of 1999, significant progress had been made in remediating the vadose zone, and vapor concentrations in all the SVE wells were below the soil gas cleanup (threshold) levels. Rebound testing of existing SVE wells and installation of supplemental SVE wells (to confirm that soil gas cleanup goals had been achieved throughout the soil gas plume) were completed in April 2000. In June 2001, a draft closure report for soil at Site 24 was issued. This report is expected to be finalized in spring 2002. Remediation of soil at Site 24 will be discussed further in the final ROD for the Site 24 vadose zone. At the time that the SVE system was shut down, TCE and PCE concentrations in the vadose zone source area were reduced to below the final soil gas threshold concentrations set forth in the Interim ROD. Additionally, attainment of closure goals was confirmed by closure sampling conducted 7 months after shutdown. Between the start of pilot scale testing (April 1995) through September 2000, approximately 2,000 pounds of VOCs was extracted and treated at Site 24. A Record of Decision addressing OU 2 was completed in March 2006. EPA OU-03: Soil at Site 8, 11, and 12 Site 11 is located in the southwest quadrant of the MCAS El Toro and is comprised of three units. Unit 1 is a concrete pad that is about 30 feet by 30 feet in size with a strip of ground adjacent to it. Unit 2 is an asphalt lined drainage ditch, while Unit 3 is the remainder of the unpaved fenced storage yard behind Building 369. A Record of Decision was completed for Site 11 in September 1999. The Navy Installation Restoration Program (IRP) site numbers and names for the sites addressed in this Record of Decision (ROD) are: -Site 8, Defense Reutilization and Marketing Office (DRMO) Storage Area -Site 12, Sludge Drying Beds Both these sites are within Operable Unit (OU)-3A at Former Marine Corps Air Station (MCAS) El Toro. Former MCAS El Toro is situated in south-central Orange County, California, approximately 8 miles southeast of Santa Ana and 12 miles northeast of Laguna Beach. Sites 8 and 12 are located in the southwest quadrant of Former MCAS El Toro. Former MCAS El Toro provided material and support for Marine Corps aviation activities until the Station was closed in July 1999,

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as a part of the Base Closure and Realignment Act. At its maximum acreage, the Station comprised about 4,740 acres. In February 2005, the Department of Navy (DON) transferred major portion of the Station via public auction to a private developer. Site 8 was formerly a Defense Reutilization and Marketing Office (DRMO) storage area for containerized liquids, and scrap and salvage materials from Former MCAS El Toro and Former MCAS Tustin. The scrap materials included mechanical and electrical components and various types of liquids. Site 8 is bounded by South Marine Way to the northeast, Q Street to the northwest, Building 360 to the southwest, and Building 800 to the southeast. Site 8 comprises two distinct but adjacent areas bisected by R Street: an old salvage yard and a main storage yard. These two areas are subdivided into the following five separate units: -Unit 1, East Storage Yard -Unit 2, West Storage Yard -Unit 3, Refuse Pile Area (the location of a former refuse pile within the West Storage Yard) -Unit 4, Polychlorinated Biphenyl (PCB) Spill Area (located within the east storage yard) -Unit 5, Old Salvage Yard Site 12 is located near Plant Road, South Marine Way, and Bee Canyon Wash. Site 12 consists of the following four units: -Unit 1, the former location of the west sludge-drying beds -Unit 2, the former location of the east sludge-drying beds -Unit 3, a drainage ditch -Unit 4, the location of former wastewater treatment plants (WWTPs) Site 8 was used as a storage yard from the early years (late 1940s) of the Station operation. During its operation as a storage area for containerized liquids and scrap, liquids such as lubrication oil, fuels, and solvents may have spilled or leaked, impacting the shallow soil at the site. Soil at the site has also been impacted by the spillage of PCB contaminated oil from scrap electrical components. The Phase I Remedial Investigation (RI) Report documented that in 1984, approximately 5 gallons of PCB-containing oil were spilled from a leaking electrical console in a small area at the east end of the main storage yard. PCB-contaminated soil in the spill area (approximately 1,500 square feet) was excavated to a depth of 1 foot below grade. A hazardous waste contractor transported the excavated soil to an offsite disposal facility. No other spills have been documented at the site. The Phase II RI report documented that a refuse pile (Unit 3) was observed near the center of the main storage yard on aerial photographs dating back to 1952. This refuse pile remained visible in aerial photographs through 1990. The pile was removed and disposed of prior to initiation of the Phase I RI in 1991. In December 1993, the top 2 feet of the soil beneath the refuse pile was excavated and removed from Site 8 by a paving contractor. This soil was placed in a 15-foot deep excavation (pit) at Unit 2 of IRP Site 19. The WWTP at Site 12 ceased operation in the early 1970s and was demolished a few years later. The industrial wastewater treatment plant (IWWTP) was dismantled by 1961. Data collected during the Phase II RI suggest that the aboveground concrete treatment tanks were demolished in place and then covered with approximately 5 to 7 feet of fill material. The sludge produced at this facility was dewatered in the two drying bed areas (east and west). After the plant closed, the sludge remaining in the drying beds was reportedly abandoned in place. The earthen berms surrounding the sludge beds were combined with imported fill material and graded in place. The drainage ditch (Unit 3) at Site 12 is an unimproved earthen channel that skirted both sludge-drying bed areas into a catch basin located north of Plant Road, which connects to the lower reach south of Plant Road via concrete culverts. History of non-radiological investigations Investigation activities and documents have been prepared to address non-radiological contamination including VOCs, semivolatiles organic compounds (SVOCs), pesticides, PCBs, total petroleum hydrocarbons (TPH), total recoverable petroleum hydrocarbons (TRPH), herbicides, and target analyte list (TAL) metals at Sites 8 and 12. In 1992 and 1993, the remedial action evaluation process was started for Sites 8 and 12 with a Phase I RI. Subsequent to the Phase I RI, a Phase II RI was conducted

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from 1995 through 1997 for Sites 8 and 12 in conjunction with other OU-3A site (Site 11). The Phase II RI Report for OU-3A sites (Sites 8, 11, and 12) provided an interpretation of the nature and extent of non-radiological contamination at Sites 8 and 12 based on the review of data obtained from an aerial photograph survey, and soil sampling and analysis conducted as a part of the Phase I and Phase II RIs. The site characterization information obtained from the Phase I and Phase II RIs was used to complete a Feasibility Study (FS) for Sites 8 and 12 in July 1997. The FS identified and evaluated the alternatives that could be potentially used to remediate non-radiological chemicals of potential concern (COPCs) (e.g., PCBs and polynuclear aromatic hydrocarbons [PAHs]) at the site. Based on the results of the FS, a Proposed Plan (in conjunction with Site 11) was released for public comment for Site 8, Units 3 and 5; and Site 12, Unit 3 in May 1999. The Proposed Plan identified Alternative 3, excavation, with recycling of the excavated soil as cover material at the on-Station Sites 2 and 17 landfills, as the preferred alternative for the portions of the sites contaminated with non-radiological chemicals. Off-Station disposal of contaminated soil was also presented as a disposal option. The Proposed Plan recommended no further action at Units 1, 2, and 4 of Sites 8 and 12. Following issuance of the Proposed Plan, a Draft ROD was prepared for Sites 8 and 12 in combination with other OU-3A site (Site 11) at Former MCAS El Toro. This Draft ROD selected no further action (NFA) for Site 8, Units 1, 2, and 4 and further action for Site 8, Units 3 and 5. For Site 12, this ROD selected NFA for Site 12, Units 1, 2, and 4 and further action at Site 12, Unit 3. The selected remedy for Site 8, Units 3 and 5; and Site 12, Unit 3 noted as Alternative 3 in the Draft ROD consisted of excavation of non-radiologically contaminated soil with recycling of excavated soil as cover material at the on-Station Site 2 or 17 landfills. The remedy included confirmation sampling after excavation to ensure that the contaminated soil exceeding the residential risk-based concentrations (RBCs) for the non-radiological chemicals of concern (COCs) (e.g., PCBs and PAHs) at each area has been removed. The RBCs were calculated based on the risk assessment conducted as a part of the Phase II RI. As a part of activities conducted following the release of the Draft ROD, the human health risk assessment (HHRA) conducted during the Phase II RI was reviewed in detail. The review showed that several exposure factors and toxicity indices used to derive the risk estimates were not current, based on a comparison with those used by Region 9 of the U.S. EPA in the development of its preliminary remediation goal (PRG) table. It was also determined that the data from additional soil sampling conducted in May 1999 (subsequent to the Phase II RI) at Site 8, Unit 5 and Site 12, Unit 3 should also be incorporated into the risk assessment and the calculation of the RBCs. Thus, a risk reevaluation was conducted, utilizing all the available data and the California Environmental Protection Agency (Cal/EPA) and U.S. EPA Region 9 toxicity information and exposure factors for the year 2000. In general, the results of the updated HHRA indicated lower risks than the Phase II RI risk assessment values. Based on the updated cancer and noncancer risk values, the report concurred with the NFA recommendation in the Draft ROD for Units 1, 2, and 4 of both Sites 8 and 12 for non-radiological contaminants. For Site 8, Units 3 and 5; and Site 12, Unit 3, a reevaluation of the response action documented in the Draft ROD based on the updated site risks and risk management considerations was recommended. Subsequent to the preparation of the FS and Draft ROD, investigations to assess the nature and extent of potential radiological contamination were completed. The history of these investigations is presented below. History of Radiological Evaluation Subsequent to the preparation of the FS and Draft ROD, a radiological evaluation of Sites 8 and 12 was conducted as a part of the stationwide Historical Radiological Assessment (HRA) for Former MCAS El Toro in 1999 and 2000. The purpose of the HRA was to identify potential, likely, or

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known sources of radioactive material and radioactive contamination based on existing or derived information and to identify sites that need further action as opposed to those posing no threat to human health. As a part of HRA, interviews, records review, site inspections, and limited informal surveys were conducted at Former MCAS El Toro. Based on these investigations, the HRA recommended further investigation, including radiological surveys at Sites 8 and 12. For Site 8 this recommendation was based on an employee interview which indicated that small quantities of radium painted parts and gauges may have been stored at Site 8. Site 12 was considered potentially impacted since former IWWTP and sludge drying beds were located downstream of Building 296 (former location of radium room), and processed effluent from the Station buildings connected to the industrial waste sewer system. Subsequent to the issuance of the HRA, on-site radiological characterization surveys and sampling were conducted at Sites 8 and 12 in June through November 2001 and in March 2004. These investigations were performed in accordance with the Radiological Survey Plan and the Radiological Sampling Amendment. An analysis of data obtained from radiological surveys and soil sampling indicated that locations with radium 226 (Ra-226) concentrations greater than background levels are present at Units 1 and 4 of Site 8. However, Ra-226 concentrations were found to be consistent with the background concentrations at Site 12, and Units 2, 3, and 5 of Site 8. Therefore, a radiological release report was issued for Site 12, and Units 2, 3, and 5 of Site 8 in conjunction with IRP Site 25 (Bee Canyon Wash Outfall). Based on the statistical analyses of the Ra-226 data, and risk and dose assessments, this report concluded that the occurrence and distribution of Ra-226 at Units 2, 3, and 5 of Site 8 and Site 12 are consistent with ambient concentrations. Therefore, a Site Evaluation Accomplished (SEA) recommendation was made for Units 2, 3, and 5 of Site 8 and Site 12. The SEA recommendation denotes that the CERCLA requirement for the site evaluation of radionuclides has been accomplished, and radionuclides will be removed from the list of COPCs and further consideration under CERCLA at Units 2, 3, and 5 of Site 8 and Site 12. However, since locations with higher than background concentrations of Ra-226 were found at Units 1 and 4 of Site 8, these units were selected for further response action under CERCLA. A ROD addressing OU 3 was completed in May 2007. EPA OU-04: Sites 2 & 17 Landfills Sites 2 and 17 are located in undeveloped areas, in the foothills of the Santa Ana Mountains, in the eastern portion of MCAS El Toro. Site 2 occupies approximately 27 acres and is situated between Borrego Canyon Wash and one of its tributaries. The site is situated at an elevation approximately 500 feet above mean sea level and is bisected by a man-made drainage channel that trends in a northeast-southwest direction. Site 2 is bounded on the west by Magazine Road and a dirt road runs along the southern and eastern boundary. The operational landfill was used from the late 1950s until about 1980. Until recently, unauthorized disposal has occurred on an intermittent basis in Areas C1, C2, and D2. During the 1970's, all solid waste from MCAS El Toro and some waste from MCAS Tustin were disposed in the Site 2 operational landfill. The suspected types of waste include construction debris, municipal waste, batteries, waste oils, hydraulic fluids, paint residues, transformers, and waste solvents. It is also possible that equipment painted with radium paint, or other low-level radiological materials consistent with Station operations, could have been disposed into the Site 2 landfill. The landfill is not being used currently and has become overgrown with shrubs and grasses, including a few individual plants of coastal sage scrub, which serves as habitat for the California gnatcatcher, a federally listed threatened species. A fill cover of unknown thickness has been placed over the landfill. Site 17 occupies approximately 11 acres in a canyon west of the Magazine Road Landfill. The site is located in a small canyon and extends beyond the canyon mouth onto a flat, weed-covered field formerly used for agriculture. At its lower end, the landfill elevation is about 440 feet

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above mean sea level; at its upper end in the canyon, the elevation is about 570 feet above mean sea level. The landfill is covered with sparse vegetation and varying amounts of fill. At the time of the Phase II remedial investigation (RI), refuse was visible at several locations and the former wash in the canyon was largely obscured by refuse and soil from the excavation of an adjacent hilltop. The Site 17 landfill was actively used from 1981 to 1983 as a Stationwide disposal facility. The site boundaries represent the operational area of the landfill. Aerial photographs indicate that landfilling activities were under way as early as 1970 and continued through 1986. Suspected waste types disposed at the site include domestic waste and rubble, cooking grease, oils and fuels from sumps, and empty drums. Reportedly, any type of waste generated at MCAS El Toro may have been disposed at the landfill. It is also possible that equipment painted with radium paint, or other low-level radiological materials consistent with Station operations, could have been disposed into the Site 17 landfill. From 1996 to 1997, removal actions were undertaken at Sites 2 and 17. Actions included fencing the sites, removing drums and other debris from the surface of the landfill, and constructing drainage features to reduce the erosion that had been occurring at both sides. Sites 2 and 17 were addressed in an interim ROD that was signed in July 2000. The ROD was interim because it presented the selected remedial action for only vadose zone soil at Site 2 and for vadose zone soil and groundwater at Site 17. Remediation of groundwater at Site 2 will be addressed in the final ROD. A radiological survey was conducted at Sites 2 and 17 in August through October 2001. The final ROD will also summarize the results of the survey and address radiological contamination, if any, at both Sites 2 and 17. An Explanation of Significant Differences addressing Operable Unit 4 will be addressed in an OU-2C ROD that is expected to be issued to the public in 2002. AA 3 encompasses an area of approximately 5.14 acres (2.08 hectares) and is located in the northwestern section of the former MCAS El Toro facility near Pusan Way and adjacent to the Agua Chinon Wash. AA 3 has also been designated as Miscellaneous Refuse (MSCR) 1, a "former refuse disposal area" in the BRAC Business Plan update. MSCR AA 3 refers to seven aerial photograph (APHO) anomaly areas (APHOs 59, 60, 61, 62, 63, 64, and 65) identified during a review of aerial. The APHO anomalies associated with AA 3 also include features that are not contiguous with the study boundary. Historically, AA 3 was used as a source of borrow material. Records indicate that some of the borrow pits and trenches were backfilled with construction debris and later covered with five feet or more of fill soil. During previous investigations, it was confirmed that there is an average of approximately 4.5 feet of soil cover with isolated areas having as little as 2 feet of soil cover over the construction debris. Based on a review of historical aerial photographs and topographic maps, placement of construction debris occurred between 1972 and 1988. Interviews with former Station personnel indicate that construction debris generated during the construction of IRP Site 3 were placed at AA 3. Previous investigations conducted at AA 3 include: -1993 - Aerial Photograph Assessment; - 1999 to 2000 - Groundwater, soil, and soil vapor investigation, geophysical investigation, trenching, and radiological screening; - 2000 - Final Historical Radiological Assessment (HRA) - 2002 to 2005 - Removal Site Evaluation (RSE) (including eight rounds of groundwater monitoring); - 2003 - Human Health and Ecological Screening Risk Assessments (SRAs); - 2003 - Expanded Site Inspection (ESI); - 2006 - Final Radiological Release Report - 2007 to 2008 - Supplemental Groundwater Monitoring; and - 2008 to 2009 - Remedial Investigation (RI)/Feasibility Study (FS). The December 2006 Final Radiological Release Report provides radiological final status survey information, with supporting data, for AA 3. No evidence of radiological materials was noted during previous

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investigations or during the radiological survey and soil sampling. Results from the radiological assessment indicate that the surface of AA 3 contains only radiation levels which are present as the result of natural radioactivity contained in ground surface materials (e.g., gravel, crushed rock, etc.) and that the level of Radium-226 (Ra-226) exposure at the surface of AA 3 is in the range of the Station background for a residential receptor. AA 3 was therefore considered to meet the radiological criteria for unrestricted use. CDHS concurred that AA 3 may be released for unrestricted use. The July 2009 RI/FS Report presents a summary of all previously collected data (air, soil gas, soil, groundwater, sediment, and surface water results) and RSE findings. Significant findings are briefly summarized below. - The area of waste placement at AA 3 is approximately 5.14 acres and the volume of waste within AA 3 is approximately 230,000 cubic yards. There is an average of 4.5 feet of soil cover with isolated areas having as little as 2 feet of soil cover over the construction debris. -Air sampling results showed that surface air at AA 3 has not been impacted by wastes remaining at the site and results are consistent with ambient (background) air sample results. - Soil gas results showed that methane is confined to the central portion of the site and is not migrating to the perimeter of the site. - Surface soil (0 to 1 feet below ground surface [bgs]) results showed few exceedances (isolated SVOCs and dioxins) of residential U.S. EPA Region 9 preliminary remediation goals (PRGs). - All surface soil analytical results indicated that metal concentrations are below PRGs or are within background concentrations. - Subsurface soil analytical results indicated one isolated SVOC in exceedance of residential PRGs. Total petroleum hydrocarbons (TPH) as diesel was reported at low concentrations and metal exceedances of background and PRGs were isolated and likely attributable to natural conditions. - Groundwater analytical results indicated no conclusive evidence of a release from AA 3; volatile organic compounds (VOCs) and TPH have not been reported in groundwater and no conclusive trends could be established to determine that historical activities at AA 3 have impacted groundwater. -Sediment analytical results from Agua Chion Wash indicated all metals concentrations were within the range typical of background concentrations. -Surface water analytical results from upstream and downstream locations within Agua Chion Wash indicated maximum contaminant level (MCL) exceedances for aluminum and chromium; however, the upstream and downstream concentrations were consistent, indicating that AA 3 has not impacted surface water in the wash. - The surface of AA 3 contains only natural radioactivity (e.g. in gravel, crushed rock, etc.), and the level of exposure to Ra-226 for a potential residential receptor at AA 3 is within Station background. AA 3 was therefore reclassified as non-impacted radiologically and was accepted for unrestricted release. - Based on the RSE findings as documented in the RI/FS Report, an adequate characterization of the nature and extent of releases has been completed. The human health and ecological risks have been quantified and are within acceptable risk management ranges. However, due to the presence of construction related debris at the site, the proximity of waste to groundwater, and the presence of elevated methane concentrations in the central portion of the site, an evaluation of response actions necessary for continued protection of human health and the environment was recommended. As part of the RI/FS, groundwater sampling was conducted at AA 3 to further characterize groundwater and support the remedy selection process. Supplemental groundwater monitoring is ongoing and the results have been consistent with previous monitoring data. Former MCAS El Toro was closed on 2 July 1999. From 1994 to 2002, the County of Orange, the designated Local Reuse Authority (LRA), proposed a commercial aviation reuse for former MCAS El Toro. This proposal was submitted as a BRAC Reuse Plan. In March 2002, County voters overturned those planning efforts with the passage of Measure W, a referendum that changed the Orange County General Plan for former

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

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MCAS El Toro to a non-aviation use and recreational theme, with limited development intensities. After the March 2002 vote, the LRA decided that it would not prepare another BRAC Reuse Plan for the property. Consequently, the Navy decided not to dispose of the property with any particular reuse or redevelopment plan and that reuse would ultimately be determined by local zoning applicable at the time of sale. In November 2003, the City of Irvine annexed the former Station property. The City of Irvine has not prepared a BRAC Reuse Plan. However, a conceptual Reuse Plan titled the "Orange County Great Park" was prepared and approved by the City of Irvine; calling for mixed uses of residential, commercial, and recreational open space. In July 2005, the Navy completed the process of conveying the former Station through public sale to a private developer. Although the sale resulted in a majority of the property being transferred by deed, areas that required further environmental investigation and/or response actions were retained by the Navy. These areas, known as carve-outs (COs), were leased to the developer in accordance with the Finding of Suitability to Lease (FOSL) under a Lease in Furtherance of Conveyance (LIFOC). Upon meeting the environmentally suitable for transfer requirements, the COs are deeded to the buyer. Based on the Orange County Great Park Plan, AA 3 is zoned as low-density residential. AA 3 is located within CO II-C. Former MCAS El Toro is located within the Irvine Management Zone (formally known as Irvine Groundwater Forebay), which has been designated by the RWQCB as a public water supply source. The aquifer located directly beneath former MCAS El Toro is not currently used for municipal water supply; however, the groundwater near the Station is used for agricultural purposes. A Record of Decision (ROD) for the Operable Unit 05 was completed in August 2010. EPA OU-6: No Further Action Sites Sites 4, 6, 9, 10, 13, 15, 19, 20, 21, and 22 were investigated, found to contain no unacceptable risks to human health or the environment, and recommended for no action. These sites were addressed along with Site 25 in the signed no action ROD, dated September 1997. EPA OU-07: Sites 7 & 14 - No Further Action Sites 7 and 14 were addressed in a no action ROD that was signed in June 2001. EPA OU-08: Site 1 EOD Range Site 1 is a former explosive ordnance disposal (EOD) range. A site-specific perchlorate investigation at this site showed that perchlorate was present above state and federal provisional action levels (PALs) at only one well, located in approximately the center of the site. Perchlorate was also present in 4 of 42 soil samples. However, none of the reported concentrations exceeded residential or industrial preliminary remediation goals. The evaluation of radionuclides confirmed that the radionuclides in groundwater at Former MCAS El Toro are naturally occurring and are not due to historical activities conducted at the Station. Operable Unit 8: IRP Site 1 (the former Explosive Ordinance Disposal [EOD] Training Range) is located in the northeast portion of former MCAS El Toro in the foothills of the Santa Ana Mountains. IRP Site 2 (Magazine Road Landfill) is located on the eastern portion of former MCAS El Toro. IRP Site 1 IRP Site 1 is situated within a tributary canyon of Borrego Canyon Wash at elevations ranging from approximately 610 feet to 760 feet above mean sea level (msl). EOD training was conducted at IRP Site 1 from 1952 until closure of former MCAS El Toro on 2 July 1999. Military ordnance used at the Site included hand grenades, land mines, cluster bombs, smoke bombs, and rocket propelled munitions. Civilian commercial-grade explosives, such as dynamite, and plastic and gelatinous explosives have also been used at IRP Site 1. Trenches and pits were periodically excavated and munitions were detonated. The trenches and pits were then filled with soil and then subsequently re-excavated to conduct additional munitions detonation activities. Limited historical information suggests that rocket motors or Jet-Assisted Take-Off units were handled at IRP Site 1. In 1982, approximately 2,000 gallons of sulfur trioxide chlorosulfonic acid (FS smoke) were reportedly burned in trenches located in the northern portion of the Site. An estimated

**EL TORO MARINE CORPS AIR STATION (Continued)**

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300,000 gallons of petroleum fuels were burned from 1952 through 1993. In addition, there are unconfirmed reports that low-level radioactive material was handled at the Site. The potential presence of radionuclides at the Site was investigated and based on the investigation findings the site received unrestricted release from the California Department of Public Health in September 2007. IRP Site 1 includes the Northern EOD Training Range (16.9 acres), the Southern EOD Training Range (16.6 acres), a Buffer Zone (37 acres), and a Subparcel (3.3 acres), among other features, for a total area of approximately 74 acres. The majority of recent military EOD training took place at the Northern EOD Training Range. The Southern EOD Training Range was used for EOD training by the Orange County Sheriff's Department and various Federal agencies. Several demolition pits, and a range building, are present at IRP Site 1. In addition, a former observation bunker constructed from metal ammunition cans was present at IRP Site 1 prior to the 2007 Santiago Fire. In 2008, munitions characterization activities were conducted, and as part of those activities, the soil in the ammunition cans was characterized and properly disposed. The Department of Justice, Federal Bureau of Investigation (FBI) used IRP Site 1 for training purposes. The FBI's activities at IRP Site 1 included bomb technician training, post-blast investigation training, and emergency response operations. These activities involved the use of explosive devices and products. IRP 2 IRP Site 2 was used as a landfill from the late 1950s until about 1980; although some unauthorized disposal may have occurred on an intermittent basis at Areas C1, C2, and D2. During the 1970s, all solid waste from former MCAS El Toro and some waste from MCAS Tustin were disposed in this landfill. Previous reports estimate 800,000 to 1,000,000 cubic yards of waste were placed in the landfill during its operation. The suspected types of waste include construction debris, municipal waste, batteries, waste oils, hydraulic fluids, paint residues, transformers, and waste solvents. The remedial action for soil at IRP Site 2 was completed in February 2008. This remedial action included consolidation of wastes from Areas C1/C2, and D2, and construction of an evapotranspiration cap. The O&M of this evapotranspiration cap is currently in progress. Previous Investigations Various environmental investigations have been conducted at IRP Sites 1 and 2 as a part of the CERCLA process to characterize the physical attributes including the geology and hydrogeology, the nature and extent of contamination, potential risks to human-health and the environment, and the feasibility of potential remedial technologies. The environmental media investigated at IRP Sites 1 and 2 included soil, surface water, groundwater, and/or air. The following subsections present a summary of the investigations performed for groundwater at IRP Sites 1 and 2. The FFA signatories reviewed and concurred with the primary documents associated with these Sites. This Record of Decision (ROD) presents the selected remedial actions for groundwater associated with Installation Restoration Program (IRP) Site 1 (former Explosive Ordnance Disposal [EOD] Training Range) and IRP Site 2 (Magazine Road Landfill) at former Marine Corps Air Station (MCAS) El Toro, located in Orange County, California. A Record of Decision addressing Operable Unit 08 of the El Toro Marine Corps Air Station Site was completed in February 2012. EPA OU-09: Site 16 Burn Pits Site 16, Crash Crew Training Pit No. 2, is located in the northwest quadrant of Former MCAS El Toro. The site consists of three units. Unit 1, Pits Perimeter Area is an approximately 320- by 260-foot oval-shaped area comprising a buffer zone surrounding three pits that were used for firefighter training exercises. During the operational life of Site 16, this area was regularly tilled as a fire-control measure. Unit 2, Main Fire-Fighting Pits, consists of three unlined earthen pits situated within the boundary of Unit 1. The largest pit, which was used for most of the training exercises and is still present at the site, is roughly circular (approximately 67 feet in diameter), and 2 to 3 feet deep. The residual fluids pit, located

MAP FINDINGS

**EL TORO MARINE CORPS AIR STATION (Continued)**

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about 40 feet south of the main pit and connected to it by a buried pipe, is approximately 12 feet wide, 35 feet long, and 4 to 5 feet deep. The smaller third pit, roughly 10 feet by 3 feet, was used for training with handheld fire extinguishers. The pits have not been used since 1985, and the residual fluids and handheld fire-fighting training pits have been filled to the surrounding grade. Unit 3, Drainage Channel, is a low drainage swale located northwest of the pits. It slopes toward and terminates at a storm drain inlet near the intersection of El Toro Boulevard and closed Runway 21. This unit was recommended for no further action in the RI Report for Site 16. The ground surface at Site 16 consists of bare soil with partial vegetation cover in the area surrounding the main burn pit and along the drainage ditch. The bottom of the burn pit itself is bare soil, discolored as a result of the historical activities at this site. The former residual fluids pit has been partially covered by the asphalt pavement surrounding the current concrete-lined crash crew training pits located immediately south of Site 16. Surface drainage from the site appears to flow northwest to a storm drain, which eventually discharges into Bee Canyon Wash. The regional aquifer beneath Former MCAS El Toro is not currently a source of municipal drinking water because of widespread elevated concentrations of total dissolved solids (TDS) and nitrates that exceed water quality standards; however, groundwater in the vicinity of the Station is used for agricultural purposes. Between 1972 and 1985, Site 16 was used by Former MCAS El Toro crash crews as a training area for firefighters. Contamination at the site originated from residual fuels and combustible fluids that were placed in fire-fighting pits, ignited, and extinguished using water or fire extinguishers during fire-fighting practice sessions. Contaminants within the unlined pits have infiltrated the soil and, eventually, migrated into the groundwater. The primary medium of concern at Site 16 is groundwater, which is found at approximately 160 feet below ground surface (bgs). The only chemical of concern in groundwater is trichloroethene (TCE). TCE is present at concentrations above drinking water standards in a plume extending from approximately 200 feet upgradient of the main pit to approximately 330 feet downgradient of the main pit. Although petroleum hydrocarbons are present at Site 16, evaluation and cleanup of these contaminants is not addressed in this Record of Decision (ROD). Petroleum hydrocarbons from fuels and oils burned and released at the site will be addressed in the Petroleum Corrective Action Program. Investigations conducted at Site 16 include aerial photographic surveys, employee interviews, Phase I and Phase II RIs, pre-FS report sampling, and an MPE pilot test conducted in support of the FFS. Data collected during the Site 16 RIs included results of shallow and deeper subsurface soils investigations, groundwater investigations, aerial photograph reviews, and interviews with Former MCAS El Toro personnel. Following closure of the base, the Department of Navy (DON) finalized an Environmental Impact Report/Environmental Impact Study in March 2002 to evaluate several alternatives for the reuse of the Station. The DON is currently working with the local community to determine an appropriate alternative for the Station. At this time, the most likely reuse of Site 16 is recreational (park). A ROD addressing Unit 3 of OU 9 was completed in August 2003.

**CERCLIS Assessment History:**

Action Code: 001  
Action: DISCOVERY  
Date Started: / /  
Date Completed: 08/01/86  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Facilities

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: PRELIMINARY ASSESSMENT  
Date Started: / /  
Date Completed: 10/01/86  
Priority Level: Higher priority for further assessment  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: SITE INSPECTION  
Date Started: / /  
Date Completed: 06/01/87  
Priority Level: Higher priority for further assessment  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: HAZARD RANKING SYSTEM PACKAGE  
Date Started: / /  
Date Completed: 06/01/87  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: PROPOSAL TO NATIONAL PRIORITIES LIST  
Date Started: / /  
Date Completed: 06/24/88  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST  
Date Started: / /  
Date Completed: 02/21/90  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: Notice Letters Issued  
Date Started: / /  
Date Completed: 05/21/90  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: INTERAGENCY AGREEMENT NEGOTIATIONS  
Date Started: 07/01/89  
Date Completed: 09/28/90  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: FEDERAL INTERAGENCY AGREEMENT  
Date Started: 09/28/90  
Date Completed: 09/28/90  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Action Code: 001  
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION  
Date Started: 09/28/90  
Date Completed: 12/17/93  
Priority Level: Not reported  
Operable Unit: EOD RANGE: SITE 1  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007  
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 09/28/90  
Date Completed: 09/29/97  
Priority Level: Not reported  
Operable Unit: SOIL VOC SOURCE AREA: SITE 24  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006  
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 09/28/90  
Date Completed: 09/29/97  
Priority Level: Not reported  
Operable Unit: NFA SITES  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: RECORD OF DECISION  
Date Started: / /  
Date Completed: 09/29/97  
Priority Level: Not reported  
Operable Unit: SOIL VOC SOURCE AREA: SITE 24  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006  
Action: RECORD OF DECISION  
Date Started: / /  
Date Completed: 09/29/97

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Priority Level: Not reported  
Operable Unit: NFA SITES  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: FEDERAL FACILITY REMEDIAL DESIGN  
Date Started: 01/06/98  
Date Completed: 01/20/99  
Priority Level: Not reported  
Operable Unit: SOIL VOC SOURCE AREA: SITE 24  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION  
Date Started: 09/30/97  
Date Completed: 09/07/99  
Priority Level: Not reported  
Operable Unit: NFA: SITES 7 & 14  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005  
Action: RECORD OF DECISION  
Date Started: / /  
Date Completed: 09/30/99  
Priority Level: Not reported  
Operable Unit: SOIL SITES: 8, 11, 12  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004  
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 09/28/90  
Date Completed: 07/12/00  
Priority Level: Not reported  
Operable Unit: LANDFILLS: SITES 2 & 17  
Primary Responsibility: Federal Facilities

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003  
Action: RECORD OF DECISION  
Date Started: / /  
Date Completed: 07/12/00  
Priority Level: Not reported  
Operable Unit: LANDFILLS: SITES 2 & 17  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007  
Action: RECORD OF DECISION  
Date Started: / /  
Date Completed: 06/06/01  
Priority Level: Not reported  
Operable Unit: NFA: SITES 7 & 14  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 09/28/90  
Date Completed: 06/27/02  
Priority Level: Not reported  
Operable Unit: BASEWIDE GROUNDWATER  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: RECORD OF DECISION  
Date Started: / /  
Date Completed: 06/27/02  
Priority Level: Not reported  
Operable Unit: BASEWIDE GROUNDWATER  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005  
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 09/28/90  
Date Completed: 06/30/02  
Priority Level: Not reported  
Operable Unit: SOIL SITES: 8, 11, 12  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: FEDERAL FACILITY REMEDIAL ACTION  
Date Started: 05/17/99  
Date Completed: 06/30/02  
Priority Level: Not reported  
Operable Unit: SOIL VOC SOURCE AREA: SITE 24  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Long Term Action  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: TREATABILITY STUDY  
Date Started: 08/28/00  
Date Completed: 08/28/02  
Priority Level: Not reported  
Operable Unit: BURN PITS: SITE 16  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 008  
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 04/30/94  
Date Completed: 08/30/02  
Priority Level: Not reported  
Operable Unit: BURN PITS: SITE 16  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Action: RECORD OF DECISION  
Date Started: / /  
Date Completed: 08/16/03  
Priority Level: Not reported  
Operable Unit: BURN PITS: SITE 16  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 09/28/90  
Date Completed: 03/07/05  
Priority Level: Not reported  
Operable Unit: LANDFILLS: SITES 3 & 5  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005  
Action: FEDERAL FACILITY REMEDIAL DESIGN  
Date Started: 01/13/00  
Date Completed: 03/31/05  
Priority Level: Not reported  
Operable Unit: SOIL SITES: 8, 11, 12  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: FEDERAL FACILITY REMEDIAL DESIGN  
Date Started: 03/01/03  
Date Completed: 05/31/05  
Priority Level: Not reported  
Operable Unit: BASEWIDE GROUNDWATER  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003  
Action: FEDERAL FACILITY REMEDIAL DESIGN  
Date Started: 07/12/00  
Date Completed: 11/22/05  
Priority Level: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Operable Unit: LANDFILLS: SITES 2 & 17  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 009  
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 10/25/04  
Date Completed: 12/19/05  
Priority Level: Not reported  
Operable Unit: LANDFILLS: SITES 2 & 17  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 009  
Action: FEDERAL FACILITY REMEDIAL DESIGN  
Date Started: 07/22/05  
Date Completed: 01/20/06  
Priority Level: Not reported  
Operable Unit: BURN PITS: SITE 16  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005  
Action: FEDERAL FACILITY REMEDIAL ACTION  
Date Started: 03/24/05  
Date Completed: 02/03/06  
Priority Level: Final RA Report  
Operable Unit: SOIL SITES: 8, 11, 12  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 013  
Action: RECORD OF DECISION  
Date Started: / /  
Date Completed: 03/14/06  
Priority Level: Not reported  
Operable Unit: SOIL VOC SOURCE AREA: SITE 24  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: Explanation Of Significant Differences  
Date Started: / /  
Date Completed: 03/14/06  
Priority Level: Not reported  
Operable Unit: BASEWIDE GROUNDWATER  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 010  
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 12/06/05  
Date Completed: 12/01/06  
Priority Level: Not reported  
Operable Unit: LANDFILLS: SITES 3 & 5  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003  
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION  
Date Started: 06/03/05  
Date Completed: 12/29/06  
Priority Level: Not reported  
Operable Unit: EOD RANGE: SITE 1  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 009  
Action: RECORD OF DECISION  
Date Started: / /  
Date Completed: 05/08/07  
Priority Level: Not reported  
Operable Unit: SOIL SITES: 8, 11, 12  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 009  
Action: FEDERAL FACILITY REMEDIAL ACTION  
Date Started: 01/20/06  
Date Completed: 10/09/07  
Priority Level: Interim RA Report  
Operable Unit: BURN PITS: SITE 16  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 010  
Action: RECORD OF DECISION  
Date Started: / /  
Date Completed: 03/06/08  
Priority Level: Not reported  
Operable Unit: LANDFILLS: SITES 3 & 5  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: FEDERAL FACILITY REMEDIAL ACTION  
Date Started: 03/21/05  
Date Completed: 03/27/08  
Priority Level: Interim RA Report  
Operable Unit: BASEWIDE GROUNDWATER  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Long Term Action  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: FEDERAL FACILITY FEASIBILITY STUDY  
Date Started: 01/29/07  
Date Completed: 08/29/08  
Priority Level: Not reported  
Operable Unit: EOD RANGE: SITE 1  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Action Code: 002  
Action: Explanation Of Significant Differences  
Date Started: / /  
Date Completed: 12/15/08  
Priority Level: Not reported  
Operable Unit: BASEWIDE GROUNDWATER  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 008  
Action: FEDERAL FACILITY REMEDIAL DESIGN  
Date Started: 09/12/07  
Date Completed: 12/30/08  
Priority Level: Not reported  
Operable Unit: SOIL SITES: 8, 11, 12  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003  
Action: FEDERAL FACILITY REMEDIAL ACTION  
Date Started: 08/25/05  
Date Completed: 03/05/09  
Priority Level: Not reported  
Operable Unit: LANDFILLS: SITES 2 & 17  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003  
Action: Explanation Of Significant Differences  
Date Started: / /  
Date Completed: 07/29/09  
Priority Level: Not reported  
Operable Unit: LANDFILLS: SITES 2 & 17  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004  
Action: FEDERAL FACILITY REMEDIAL DESIGN  
Date Started: 09/01/08

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Date Completed: 08/13/09  
Priority Level: Not reported  
Operable Unit: LANDFILLS: SITES 3 & 5  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: FEDERAL FACILITY FIVE YEAR REVIEW  
Date Started: / /  
Date Completed: 09/28/09  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 015  
Action: RECORD OF DECISION  
Date Started: / /  
Date Completed: 08/09/10  
Priority Level: Not reported  
Operable Unit: LANDFILLS: SITES 3 & 5  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: FEDERAL FACILITY FEASIBILITY STUDY  
Date Started: 01/29/07  
Date Completed: 04/13/11  
Priority Level: Not reported  
Operable Unit: EOD RANGE: SITE 1  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 012  
Action: FEDERAL FACILITY REMEDIAL DESIGN  
Date Started: 07/01/11  
Date Completed: 07/19/11  
Priority Level: Not reported  
Operable Unit: LANDFILLS: SITES 3 & 5

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 008  
Action: RECORD OF DECISION  
Date Started: / /  
Date Completed: 02/09/12  
Priority Level: Not reported  
Operable Unit: EOD RANGE: SITE 1  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 008  
Action: FEDERAL FACILITY REMEDIAL ACTION  
Date Started: 01/22/09  
Date Completed: 04/30/12  
Priority Level: Not reported  
Operable Unit: SOIL SITES: 8, 11, 12  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007  
Action: FEDERAL FACILITY REMEDIAL DESIGN  
Date Started: 01/03/12  
Date Completed: 12/19/12  
Priority Level: Not reported  
Operable Unit: EOD RANGE: SITE 1  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 011  
Action: FEDERAL FACILITY REMEDIAL ACTION  
Date Started: 07/19/11  
Date Completed: 01/22/13  
Priority Level: Not reported  
Operable Unit: LANDFILLS: SITES 3 & 5  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004  
Action: FEDERAL FACILITY REMEDIAL ACTION  
Date Started: 08/17/09  
Date Completed: 06/10/13  
Priority Level: Not reported  
Operable Unit: LANDFILLS: SITES 3 & 5  
Primary Responsibility: Federal Facilities  
Planning Status: Primary  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: Restoration Advisory Board  
Date Started: 04/01/94  
Date Completed: / /  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: OPERATIONS AND MAINTENANCE  
Date Started: 10/09/07  
Date Completed: / /  
Priority Level: Not reported  
Operable Unit: BURN PITS: SITE 16  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: OPERATIONS AND MAINTENANCE  
Date Started: 03/27/08  
Date Completed: / /  
Priority Level: Not reported  
Operable Unit: BASEWIDE GROUNDWATER  
Primary Responsibility: Federal Facilities  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Federal Register Details:

Fed Register Date: 02/21/90  
Fed Register Volume: 55  
Page Number: 6154

Fed Register Date: 06/24/88  
Fed Register Volume: 53  
Page Number: 23988

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

CORRACTS:

EPA ID: CA6170023208  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19960501  
Action: CA050 - RFA Completed  
NAICS Code(s): 92811  
National Security  
Original schedule date: 19960501  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19960501  
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary  
NAICS Code(s): 92811  
National Security  
Original schedule date: 19960501  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19980617  
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control  
NAICS Code(s): 92811  
National Security  
Original schedule date: 19980617  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19980617  
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected  
NAICS Code(s): 92811  
National Security  
Original schedule date: 19980617

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 09  
Area Name: OU2A - VADOSE ZONE SOILS  
Actual Date: 19970123  
Action: CA200 - RFI Approved  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 09  
Area Name: OU2A - VADOSE ZONE SOILS  
Actual Date: 19970123  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 09  
Area Name: OU2A - VADOSE ZONE SOILS  
Actual Date: 19970123  
Action: CA350 - CMS Approved  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 09  
Area Name: OU2A - VADOSE ZONE SOILS  
Actual Date: 19970123  
Action: CA300 - CMS Workplan Approved  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 09  
Area Name: OU2A - VADOSE ZONE SOILS  
Actual Date: 20040723  
Action: CA999 - Corrective Action Process Terminated  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 09  
Area Name: FOST 1  
Actual Date: 20040723  
Action: CA999 - Corrective Action Process Terminated

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 09  
Area Name: FOST 1  
Actual Date: 20040723  
Action: CA999RM - Corrective Action Process Terminated, Remedial Activities Completed  
NAICS Code(s): 92811  
National Security  
Original schedule date: 20040723  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 09  
Area Name: FOST 2  
Actual Date: 20050829  
Action: CA999 - Corrective Action Process Terminated  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19970930  
Action: CA400 - Date For Remedy Selection (CM Imposed)  
NAICS Code(s): 92811  
National Security  
Original schedule date: 19970930  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 09  
Area Name: OU2A - VADOSE ZONE SOILS  
Actual Date: 19970930  
Action: CA400 - Date For Remedy Selection (CM Imposed)  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

**US ENG CONTROLS:**

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO M C A S  
EL TORO, CA 92709

EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Actual Date: 02/28/2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Action ID: 001  
Action Name: Explanation Of Significant Differences  
Action Completion date: 03/14/2006  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Discharge

Action ID: 001  
Action Name: Explanation Of Significant Differences  
Action Completion date: 03/14/2006  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Reinjection

Action ID: 002  
Action Name: Explanation Of Significant Differences  
Action Completion date: 12/15/2008  
Operable Unit: 01  
Contaminated Media : Soil Gas  
Engineering Control: Sampling

Action ID: 003  
Action Name: Explanation Of Significant Differences  
Action Completion date: 07/29/2009  
Operable Unit: 04  
Contaminated Media : Groundwater  
Engineering Control: Non-fundamental change (ESD)

Action ID: 003  
Action Name: Explanation Of Significant Differences  
Action Completion date: 07/29/2009  
Operable Unit: 04  
Contaminated Media : Soil  
Engineering Control: Non-fundamental change (ESD)

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 06/27/2002  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Air Stripping

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 06/27/2002  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Carbon Adsorption

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 06/27/2002  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Extraction

Action ID: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Action Name: RECORD OF DECISION  
Action Completion date: 06/27/2002  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Monitoring

Action ID: 002  
Action Name: RECORD OF DECISION  
Action Completion date: 09/29/1997  
Operable Unit: 02  
Contaminated Media : Soil  
Engineering Control: Carbon Adsorption

Action ID: 002  
Action Name: RECORD OF DECISION  
Action Completion date: 09/29/1997  
Operable Unit: 02  
Contaminated Media : Soil  
Engineering Control: Monitoring

Action ID: 002  
Action Name: RECORD OF DECISION  
Action Completion date: 09/29/1997  
Operable Unit: 02  
Contaminated Media : Soil  
Engineering Control: Soil Vapor Extraction (in-situ)

Action ID: 003  
Action Name: RECORD OF DECISION  
Action Completion date: 07/12/2000  
Operable Unit: 04  
Contaminated Media : Groundwater  
Engineering Control: Leachate Control

Action ID: 003  
Action Name: RECORD OF DECISION  
Action Completion date: 07/12/2000  
Operable Unit: 04  
Contaminated Media : Groundwater  
Engineering Control: Monitoring

Action ID: 003  
Action Name: RECORD OF DECISION  
Action Completion date: 07/12/2000  
Operable Unit: 04  
Contaminated Media : Soil  
Engineering Control: Cap

Action ID: 006  
Action Name: RECORD OF DECISION  
Action Completion date: 09/29/1997  
Operable Unit: 06  
Contaminated Media : Sediment  
Engineering Control: No Action

Action ID: 006  
Action Name: RECORD OF DECISION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Action Completion date: 09/29/1997  
Operable Unit: 06  
Contaminated Media : Soil  
Engineering Control: No Action

Action ID: 006  
Action Name: RECORD OF DECISION  
Action Completion date: 09/29/1997  
Operable Unit: 06  
Contaminated Media : Surface Water  
Engineering Control: No Action

Action ID: 007  
Action Name: RECORD OF DECISION  
Action Completion date: 06/06/2001  
Operable Unit: 07  
Contaminated Media : Soil  
Engineering Control: No Action

Action ID: 008  
Action Name: RECORD OF DECISION  
Action Completion date: 02/09/2012  
Operable Unit: 08  
Contaminated Media : Groundwater  
Engineering Control: Bioremediation (In-Situ)

Action ID: 008  
Action Name: RECORD OF DECISION  
Action Completion date: 02/09/2012  
Operable Unit: 08  
Contaminated Media : Groundwater  
Engineering Control: Monitoring

Action ID: 008  
Action Name: RECORD OF DECISION  
Action Completion date: 02/09/2012  
Operable Unit: 08  
Contaminated Media : Groundwater  
Engineering Control: Natural Attenuation

Action ID: 009  
Action Name: RECORD OF DECISION  
Action Completion date: 05/08/2007  
Operable Unit: 03  
Contaminated Media : Soil  
Engineering Control: Disposal

Action ID: 009  
Action Name: RECORD OF DECISION  
Action Completion date: 05/08/2007  
Operable Unit: 03  
Contaminated Media : Soil  
Engineering Control: Excavation

Action ID: 009  
Action Name: RECORD OF DECISION  
Action Completion date: 05/08/2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Operable Unit: 03  
Contaminated Media : Soil  
Engineering Control: Monitoring

Action ID: 009  
Action Name: RECORD OF DECISION  
Action Completion date: 05/08/2007  
Operable Unit: 03  
Contaminated Media : Soil  
Engineering Control: No Action

Action ID: 009  
Action Name: RECORD OF DECISION  
Action Completion date: 05/08/2007  
Operable Unit: 03  
Contaminated Media : Soil  
Engineering Control: Sampling

Action ID: 010  
Action Name: RECORD OF DECISION  
Action Completion date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Groundwater  
Engineering Control: Monitoring

Action ID: 010  
Action Name: RECORD OF DECISION  
Action Completion date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Groundwater  
Engineering Control: No Action

Action ID: 010  
Action Name: RECORD OF DECISION  
Action Completion date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Landfill Gas  
Engineering Control: Active Gas Collection System

Action ID: 010  
Action Name: RECORD OF DECISION  
Action Completion date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Landfill Gas  
Engineering Control: Monitoring

Action ID: 010  
Action Name: RECORD OF DECISION  
Action Completion date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Landfill Gas  
Engineering Control: Passive Gas Collection System

Action ID: 010  
Action Name: RECORD OF DECISION  
Action Completion date: 03/06/2008  
Operable Unit: 05

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Contaminated Media : Soil  
Engineering Control: Cap

Action ID: 010  
Action Name: RECORD OF DECISION  
Action Completion date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Soil  
Engineering Control: No Action

Action ID: 010  
Action Name: RECORD OF DECISION  
Action Completion date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Solid Waste  
Engineering Control: Cap

Action ID: 010  
Action Name: RECORD OF DECISION  
Action Completion date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Solid Waste  
Engineering Control: Consolidate

Action ID: 010  
Action Name: RECORD OF DECISION  
Action Completion date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Solid Waste  
Engineering Control: Engineering Control, (N.O.S.)

Action ID: 010  
Action Name: RECORD OF DECISION  
Action Completion date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Solid Waste  
Engineering Control: Operations & Maintenance (O&M)

Action ID: 011  
Action Name: RECORD OF DECISION  
Action Completion date: 08/16/2003  
Operable Unit: 09  
Contaminated Media : Groundwater  
Engineering Control: Liquid Phase Carbon Adsorption

Action ID: 011  
Action Name: RECORD OF DECISION  
Action Completion date: 08/16/2003  
Operable Unit: 09  
Contaminated Media : Groundwater  
Engineering Control: Monitoring

Action ID: 011  
Action Name: RECORD OF DECISION  
Action Completion date: 08/16/2003  
Operable Unit: 09  
Contaminated Media : Groundwater

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Engineering Control: Natural Attenuation

Action ID: 011  
Action Name: RECORD OF DECISION  
Action Completion date: 08/16/2003  
Operable Unit: 09  
Contaminated Media : Soil  
Engineering Control: Monitoring

Action ID: 011  
Action Name: RECORD OF DECISION  
Action Completion date: 08/16/2003  
Operable Unit: 09  
Contaminated Media : Soil  
Engineering Control: Surface Drainage Control

Action ID: 013  
Action Name: RECORD OF DECISION  
Action Completion date: 03/14/2006  
Operable Unit: 02  
Contaminated Media : Soil  
Engineering Control: No Further Action

Action ID: 015  
Action Name: RECORD OF DECISION  
Action Completion date: 08/09/2010  
Operable Unit: 05  
Contaminated Media : Groundwater  
Engineering Control: Monitoring

Action ID: 015  
Action Name: RECORD OF DECISION  
Action Completion date: 08/09/2010  
Operable Unit: 05  
Contaminated Media : Landfill Gas  
Engineering Control: Active Gas Collection System

Action ID: 015  
Action Name: RECORD OF DECISION  
Action Completion date: 08/09/2010  
Operable Unit: 05  
Contaminated Media : Landfill Gas  
Engineering Control: Operations & Maintenance (O&M)

Action ID: 015  
Action Name: RECORD OF DECISION  
Action Completion date: 08/09/2010  
Operable Unit: 05  
Contaminated Media : Landfill Gas  
Engineering Control: Passive Gas Collection System

Action ID: 015  
Action Name: RECORD OF DECISION  
Action Completion date: 08/09/2010  
Operable Unit: 05  
Contaminated Media : Soil  
Engineering Control: Consolidate

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Action ID: 015  
Action Name: RECORD OF DECISION  
Action Completion date: 08/09/2010  
Operable Unit: 05  
Contaminated Media : Soil  
Engineering Control: Impermeable Barrier

Action ID: 015  
Action Name: RECORD OF DECISION  
Action Completion date: 08/09/2010  
Operable Unit: 05  
Contaminated Media : Soil  
Engineering Control: Operations & Maintenance (O&M)

Action ID: 015  
Action Name: RECORD OF DECISION  
Action Completion date: 08/09/2010  
Operable Unit: 05  
Contaminated Media : Soil  
Engineering Control: Slope Stabilization

Action ID: 015  
Action Name: RECORD OF DECISION  
Action Completion date: 08/09/2010  
Operable Unit: 05  
Contaminated Media : Solid Waste  
Engineering Control: Consolidate

Action ID: 015  
Action Name: RECORD OF DECISION  
Action Completion date: 08/09/2010  
Operable Unit: 05  
Contaminated Media : Solid Waste  
Engineering Control: Dike/Berm

Action ID: 015  
Action Name: RECORD OF DECISION  
Action Completion date: 08/09/2010  
Operable Unit: 05  
Contaminated Media : Solid Waste  
Engineering Control: Operations & Maintenance (O&M)

Action ID: 015  
Action Name: RECORD OF DECISION  
Action Completion date: 08/09/2010  
Operable Unit: 05  
Contaminated Media : Solid Waste  
Engineering Control: Slope Stabilization

**US INST CONTROL:**

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Covenant  
Actual Date: 06/02/2002  
Comple. Date: 06/27/2002  
Operable Unit: 01  
Contaminated Media : Groundwater

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709

EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Institutional Controls, (N.O.S.)  
Actual Date: 06/30/2000  
Comple. Date: 07/12/2000  
Operable Unit: 04  
Contaminated Media : Groundwater

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709

EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Land Use Restriction  
Actual Date: 06/30/2000  
Comple. Date: 07/12/2000  
Operable Unit: 04  
Contaminated Media : Soil

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709

EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Access Restriction  
Actual Date: 02/28/2012  
Comple. Date: 02/09/2012  
Operable Unit: 08  
Contaminated Media : Groundwater

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709  
EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Groundwater use/well drilling regulation  
Actual Date: 02/28/2012  
Compleat. Date: 02/09/2012  
Operable Unit: 08  
Contaminated Media : Groundwater

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709  
EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Institutional Controls, (N.O.S.)  
Actual Date: 02/28/2012  
Compleat. Date: 02/09/2012  
Operable Unit: 08  
Contaminated Media : Groundwater

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709  
EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Building, demolition, or excavation regulation  
Actual Date: 03/31/2008  
Compleat. Date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Soil

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709  
EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Deed Notices  
Actual Date: 03/31/2008  
Compleat. Date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Soil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709

EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Zoning regulation  
Actual Date: 03/31/2008  
Compleat. Date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Soil

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709

EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Building, demolition, or excavation regulation  
Actual Date: 03/31/2008  
Compleat. Date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Solid Waste

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709

EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Zoning regulation  
Actual Date: 03/31/2008  
Compleat. Date: 03/06/2008  
Operable Unit: 05  
Contaminated Media : Solid Waste

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709

EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Covenant  
Actual Date: 09/30/2010  
Compleat. Date: 08/09/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL TORO MARINE CORPS AIR STATION (Continued)**

**1000417911**

Operable Unit: 05  
Contaminated Media : Soil

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709

EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Covenant  
Actual Date: 09/30/2010  
Comple. Date: 08/09/2010  
Operable Unit: 05  
Contaminated Media : Solid Waste

**ROD:**

Full-text of USEPA Record of Decision(s) is available from EDR.

**PRP:**

PRP name: NAVAL FACILITIES ENGINEERING COMMAND  
STATE OF CALIFORNIA/DEPT. OF HEALTH SERVICES  
STATE OF CALIFORNIA/DEPT. OF HEALTH SERVICES  
STATE OF CALIFORNIA/DEPT. OF WATER QUALITY  
STATE OF CALIFORNIA/DEPT. OF WATER QUALITY  
USM CORP.  
USM CORP.

**1**  
**ESE**  
**< 1/8**  
**0.040 mi.**  
**211 ft.**

**AGILENT TECHNOLOGIES INC**  
**25200 COMMERCENTRE DRIVE**  
**LAKE FOREST, CA**

**RCRA-LQG** **1001217589**  
**FINDS** **CAR000037721**  
**NPDES**  
**EMI**

**Relative:**  
**Higher**

**RCRA-LQG:**

**Actual:**  
**579 ft.**

Date form received by agency: 03/23/2012  
Facility name: AGILENT TECHNOLOGIES  
Facility address: 25200 COMMERCENTRE DR.  
LAKE FOREST, CA 92630

EPA ID: CAR000037721  
Mailing address: COMMERCENTRE DR.  
LAKE FOREST, CA 92630

Contact: CARI GOODRICH  
Contact address: COMMERCENTRE DR.  
LAKE FOREST, CA 92630

Contact country: Not reported  
Contact telephone: (949) 639-5409  
Contact email: CARI.GOODRICH@AGILENT.COM

EPA Region: 09  
Land type: Private  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the

Map ID  
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MAP FINDINGS

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**AGILENT TECHNOLOGIES INC (Continued)**

**1001217589**

cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: AGILENT TECHNOLOGIES INC  
Owner/operator address: 5301 STEVENS CREEK BLVD  
SANTA CLARA, CA 95051  
Owner/operator country: US  
Owner/operator telephone: 408-345-8886  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 11/01/2010  
Owner/Op end date: Not reported

Owner/operator name: VARIAN, INC.  
Owner/operator address: 3120 HANSEN WAY  
PALO ALTO, CA 94304  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 02/15/2002  
Owner/Op end date: Not reported

Owner/operator name: AGILENT TECHNOLOGIES  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 11/01/2010  
Owner/Op end date: Not reported

Owner/operator name: VARIAN, INC.  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 02/15/2002  
Owner/Op end date: Not reported

Owner/operator name: AGILENT TECHNOLOGIES INC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AGILENT TECHNOLOGIES INC (Continued)**

**1001217589**

Owner/Op start date: 11/01/2010  
Owner/Op end date: Not reported  
  
Owner/operator name: AGILENT TECHNOLOGIES, INC.  
Owner/operator address: STEVENS CREEK  
SANTA CLARA, CA 95051  
  
Owner/operator country: Not reported  
Owner/operator telephone: (949) 639-5409  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 11/01/2010  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 12/15/2010  
Facility name: AGILENT TECHNOLOGIES  
Site name: AGILENT TECHNOLOGIES INC  
Classification: Large Quantity Generator  
  
Date form received by agency: 06/10/2010  
Facility name: AGILENT TECHNOLOGIES  
Site name: VARIAN, INC.  
Classification: Large Quantity Generator  
  
Date form received by agency: 02/28/2008  
Facility name: AGILENT TECHNOLOGIES  
Site name: VARIAN, INC. CONSUMABLE PRODUCTS  
Classification: Large Quantity Generator  
  
Date form received by agency: 02/21/2006  
Facility name: AGILENT TECHNOLOGIES  
Site name: VARIAN, INC.  
Classification: Small Quantity Generator  
  
Date form received by agency: 02/21/2006  
Facility name: AGILENT TECHNOLOGIES  
Site name: VARIAN, INC.  
Classification: Large Quantity Generator

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MAP FINDINGS

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**AGILENT TECHNOLOGIES INC (Continued)**

**1001217589**

Date form received by agency: 03/18/2002  
Facility name: AGILENT TECHNOLOGIES  
Site name: VARIAN S I LAKE FOREST  
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: 122  
Waste name: 122

Waste code: 123  
Waste name: 123

Waste code: 181  
Waste name: 181

Waste code: 214  
Waste name: 214

Waste code: 221  
Waste name: 221

Waste code: 331  
Waste name: 331

Waste code: 352  
Waste name: 352

Waste code: 512  
Waste name: 512

Waste code: 513  
Waste name: 513

Waste code: 551  
Waste name: 551

Waste code: 725  
Waste name: 725

Waste code: 791  
Waste name: 791

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN

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**AGILENT TECHNOLOGIES INC (Continued)**

**1001217589**

THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code:	D003
Waste name:	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Waste code:	D007
Waste name:	CHROMIUM
Waste code:	D009
Waste name:	MERCURY
Waste code:	D011
Waste name:	SILVER
Waste code:	D028
Waste name:	1,2-DICHLOROETHANE
Waste code:	F003
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code:	F005
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code:	P105
Waste name:	SODIUM AZIDE
Waste code:	U021
Waste name:	BENZIDINE
Waste code:	U041
Waste name:	EPICHLOROHYDRIN
Waste code:	U353
Waste name:	BENZENAMINE, 4-METHYL-
Waste code:	123
Waste name:	123

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MAP FINDINGS

Site Database(s) EDR ID Number  
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**AGILENT TECHNOLOGIES INC (Continued)**

**1001217589**

Waste code: 135  
Waste name: 135

Waste code: 214  
Waste name: 214

Waste code: 331  
Waste name: 331

Waste code: 352  
Waste name: 352

Waste code: 512  
Waste name: 512

Waste code: 551  
Waste name: 551

Waste code: 791  
Waste name: 791

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003  
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D028  
Waste name: 1,2-DICHLOROETHANE

Waste code: F001  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE

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MAP FINDINGS

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**AGILENT TECHNOLOGIES INC (Continued)**

**1001217589**

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- Waste code: F002  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- Waste code: F005  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- Waste code: D003  
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
- Waste code: D008  
Waste name: LEAD
- Waste code: D009  
Waste name: MERCURY
- Waste code: D011

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MAP FINDINGS

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**AGILENT TECHNOLOGIES INC (Continued)**

**1001217589**

Waste name: SILVER

Waste code: D019

Waste name: CARBON TETRACHLORIDE

Waste code: D028

Waste name: 1,2-DICHLOROETHANE

Waste code: F003

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

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: P030

Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste code: P106

Waste name: SODIUM CYANIDE

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 89346

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

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Distance  
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MAP FINDINGS

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EPA ID Number

**AGILENT TECHNOLOGIES INC (Continued)**

**1001217589**

Amount (Lbs):	880
Waste code:	D003
Waste name:	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs):	300
Waste code:	D007
Waste name:	CHROMIUM
Amount (Lbs):	300
Waste code:	D009
Waste name:	MERCURY
Amount (Lbs):	30
Waste code:	D011
Waste name:	SILVER
Amount (Lbs):	300
Waste code:	D028
Waste name:	1,2-DICHLOROETHANE
Amount (Lbs):	430
Waste code:	F003
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs):	90196
Waste code:	F005
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs):	90196
Waste code:	P105
Waste name:	SODIUM AZIDE
Amount (Lbs):	300
Waste code:	U021
Waste name:	BENZIDINE
Amount (Lbs):	300

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AGILENT TECHNOLOGIES INC (Continued)**

**1001217589**

Waste code: U041  
Waste name: EPICHLOROHYDRIN  
Amount (Lbs): 300  
  
Waste code: U353  
Waste name: BENZENAMINE, 4-METHYL-  
Amount (Lbs): 300

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 01/19/2010  
Date achieved compliance: Not reported  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 12/16/2008  
Date achieved compliance: 12/16/2008  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/16/2008  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 12/02/2008  
Date achieved compliance: Not reported  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 01/19/2010  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AGILENT TECHNOLOGIES INC (Continued)**

**1001217589**

Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/11/2010  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 02/17/2009  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 12/16/2008  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 12/16/2008  
Evaluation lead agency: State

Evaluation date: 12/02/2008  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 10/16/2006  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

**FINDS:**

Registry ID: 110002921492

**Environmental Interest/Information System**

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AGILENT TECHNOLOGIES INC (Continued)**

**1001217589**

HAZARDOUS WASTE BIENNIAL REPORTER

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

NPDES:

Npdes Number: CAS000001  
Facility Status: Active  
Agency Id: 0  
Region: 8  
Regulatory Measure Id: 411091  
Order No: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 8 30I022984  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 01/19/2011  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Agilent Technologies  
Discharge Address: 25200 Commercentre Dr  
Discharge City: Lake Forest  
Discharge State: California  
Discharge Zip: 92630

Npdes Number: CAS000001  
Facility Status: Terminated  
Agency Id: 0  
Region: 9  
Regulatory Measure Id: 291331  
Order No: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 9 30I019520  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 05/20/2005  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: 03/29/2011  
Discharge Name: Varian Inc  
Discharge Address: 25200 Commercentre Dr  
Discharge City: Lake Forest  
Discharge State: California  
Discharge Zip: 92630

EMI:

Year: 2006  
County Code: 30  
Air Basin: SC  
Facility ID: 131814  
Air District Name: SC  
SIC Code: 3829  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AGILENT TECHNOLOGIES INC (Continued)**

**1001217589**

Total Organic Hydrocarbon Gases Tons/Yr: 2.562551693889267878  
 Reactive Organic Gases Tons/Yr: 1.897  
 Carbon Monoxide Emissions Tons/Yr: .223  
 NOX - Oxides of Nitrogen Tons/Yr: .654  
 SOX - Oxides of Sulphur Tons/Yr: .003  
 Particulate Matter Tons/Yr: .039  
 Part. Matter 10 Micrometers & Smlr Tons/Yr: .03895

Year: 2007  
 County Code: 30  
 Air Basin: SC  
 Facility ID: 131814  
 Air District Name: SC  
 SIC Code: 3829  
 Air District Name: SOUTH COAST AQMD  
 Community Health Air Pollution Info System: Not reported  
 Consolidated Emission Reporting Rule: Not reported  
 Total Organic Hydrocarbon Gases Tons/Yr: 2.562551693889267878  
 Reactive Organic Gases Tons/Yr: 1.897  
 Carbon Monoxide Emissions Tons/Yr: .223  
 NOX - Oxides of Nitrogen Tons/Yr: .654  
 SOX - Oxides of Sulphur Tons/Yr: .003  
 Particulate Matter Tons/Yr: .039  
 Part. Matter 10 Micrometers & Smlr Tons/Yr: .03895

**2**  
**SSE**  
 < 1/8  
 0.082 mi.  
 434 ft.

**COMPRESSION**  
**25242 ARCTIC OCEAN DR**  
**LAKE FOREST, CA**

**RCRA-SQG 1001217555**  
**FINDS CAR000036871**

**Relative:**  
**Higher**

RCRA-SQG:

Date form received by agency: 03/03/1998  
 Facility name: COMPRESSION  
 Facility address: 25242 ARCTIC OCEAN DR  
 LAKE FOREST, CA 92630  
 EPA ID: CAR000036871  
 Contact: ERIC MARTINEZ  
 Contact address: 25242 ARCTIC OCEAN DR  
 LAKE FOREST, CA 92630  
 Contact country: US  
 Contact telephone: (714) 586-5875  
 Contact email: Not reported  
 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:**  
**603 ft.**

Owner/Operator Summary:

Owner/operator name: COMPRESSION INC  
 Owner/operator address: 462 S FOURTH AVE STE 1225  
 LOUISVILLE, KY 40202  
 Owner/operator country: Not reported  
 Owner/operator telephone: (714) 586-5875

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMPRESSION (Continued)**

1001217555

Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110002921189

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.

A3  
ESE  
1/8-1/4  
0.190 mi.  
1005 ft.

**OAKLEY OPTICAL RESEARCH AND DEVELOPMENT**  
**25431 ARCTIC OCEAN**  
**LAKE FOREST, CA 92630**  
**Site 1 of 2 in cluster A**

RCRA-SQG 1014922549  
CAR000223321

Relative:  
Higher  
Actual:  
631 ft.

RCRA-SQG:  
Date form received by agency: 01/25/2012  
Facility name: OAKLEY OPTICAL RESEARCH AND DEVELOPMENT  
Facility address: 25431 ARCTIC OCEAN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAKLEY OPTICAL RESEARCH AND DEVELOPMENT (Continued)**

**1014922549**

EPA ID: LAKE FOREST, CA 92630  
CAR000223321  
Mailing address: ONE ICON  
FOOTHILL RANCH, CA 92610  
Contact: JAMES INCE SCOTT  
Contact address: ONE ICON  
FOOTHILL RANCH, CA 92610  
Contact country: US  
Contact telephone: 949-900-7085  
Contact email: JINCE-SCOTT@OAKLEY.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

Owner/Operator Summary:

Owner/operator name: OAKLEY INC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 02/15/2010  
Owner/Op end date: Not reported

Owner/operator name: BUKEWIHGE PROPERTIES LLC  
Owner/operator address: 15 MORNING LIGHT  
NEWPORT COAST, CA 92657  
Owner/operator country: US  
Owner/operator telephone: 949-633-0623  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/03/2001  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**OAKLEY OPTICAL RESEARCH AND DEVELOPMENT (Continued)**

**1014922549**

Hazardous Waste Summary:

Waste code: 122  
 Waste name: 122

Waste code: 331  
 Waste name: 331

Waste code: 352  
 Waste name: 352

Waste code: 551  
 Waste name: 551

Waste code: D001  
 Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
 Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

**A4**  
**ESE**  
**1/8-1/4**  
**0.212 mi.**  
**1120 ft.**

**25471 ARCTIC OCEAN DR**  
**LAKE FOREST, CA 92630**

**Site 2 of 2 in cluster A**

**EDR US Hist Auto Stat 1015367716**  
**N/A**

**Relative:**  
**Higher**  
  
**Actual:**  
**623 ft.**

EDR Historical Auto Stations:  
 Name: MOMO AUTOMOTIVE  
 Year: 2002  
 Address: 25471 ARCTIC OCEAN DR

**5**  
**South**  
**1/8-1/4**  
**0.224 mi.**  
**1185 ft.**

**KNIGHT LLC**  
**20531 CRESCENT BAY DR**  
**LAKE FOREST, CA 92630**

**DRYCLEANERS S105083566**  
**N/A**

**Relative:**  
**Higher**  
  
**Actual:**  
**619 ft.**

DRYCLEANERS:  
 EPA Id: CAL000309007  
 NAICS Code: 333312  
 NAICS Description: Commercial Laundry, Drycleaning, and Pressing Machine Manufacturing  
 SIC Code: 3582  
 SIC Description: Commercial Laundry, Drycleaning and Pressing Machines  
 Create Date: 07/13/2006

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**KNIGHT LLC (Continued)**

**S105083566**

Facility Active: Yes  
 Inactive Date: Not reported  
 Facility Addr2: Not reported  
 Owner Name: IDEX CORPORATION  
 Owner Address: 630 DUNDEE RD STE 400  
 Owner Address 2: Not reported  
 Owner Telephone: 8474987070  
 Contact Name: LEATHA KRUSE  
 Contact Address: 20531 CRESCENT BAY DR  
 Contact Address 2: Not reported  
 Contact Telephone: 9495954800

EPA Id: CAL000272729  
 NAICS Code: 333312  
 NAICS Description: Commercial Laundry, Drycleaning, and Pressing Machine Manufacturing  
 SIC Code: 3582  
 SIC Description: Commercial Laundry, Drycleaning and Pressing Machines  
 Create Date: 07/02/2003  
 Facility Active: No  
 Inactive Date: 07/13/2006  
 Facility Addr2: Not reported  
 Owner Name: KNIGHT LLC  
 Owner Address: 20531 CRESCENT BAY DR  
 Owner Address 2: Not reported  
 Owner Telephone: 0000000000  
 Contact Name: L STOLLER/ENVT'L COORDINATOR  
 Contact Address: 20531 CRESCENT BAY DR  
 Contact Address 2: Not reported  
 Contact Telephone: 9495954800

**6**  
**ESE**  
**1/4-1/2**  
**0.274 mi.**  
**1448 ft.**

**GREENWASTE, R & S SOIL PRODUCTS, INC.-LAKE FOREST**  
**20200 BAKE PARKWAY**  
**LAKE FOREST, CA 92630**

**WMUDS/SWAT** **S103443284**  
**LDS** **N/A**  
**ENF**  
**WDS**

**Relative:**  
**Higher**

WMUDS/SWAT:  
 Edit Date: Not reported  
 Complexity: Not reported  
 Primary Waste: SLDWST  
 Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Base Meridian: Not reported  
 NPID: Not reported  
 Tonnage: 0  
 Regional Board ID: Not reported  
 Municipal Solid Waste: False  
 Superorder: False  
 Open To Public: False  
 Waste List: False  
 Agency Type: Private  
 Agency Name: R & S DUMPING AND CONSTRUCTION  
 Agency Department: Not reported

**Actual:**  
**675 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENWASTE, R & S SOIL PRODUCTS, INC.-LAKE FOREST (Continued)**

**S103443284**

Agency Address: 24002 VIA FABRICANTE, STE 215  
Agency City,St,Zip: MISSION VIEJO CA 92691  
Agency Contact: STEVEN CARNEAL  
Agency Telephone: 7148308884  
Land Owner Name: Not reported  
Land Owner Address: Not reported  
Land Owner City,St,Zip: Not reported  
Land Owner Contact: Not reported  
Land Owner Phone: Not reported  
Region: 8  
Facility Type: Other - Does not fall into the category of Municipal/Domestic,  
Industrial, Agricultural or Solid Waste (Class I, II or III)  
Facility Description: Not reported  
Facility Telephone: Not reported  
SWAT Facility Name: Not reported  
Primary SIC: 2875  
Secondary SIC: Not reported  
Comments: Not reported  
Last Facility Editors: Not reported  
Waste Discharge System: True  
Solid Waste Assessment Test Program: False  
Toxic Pits Cleanup Act Program: False  
Resource Conservation Recovery Act: False  
Department of Defence: False  
Solid Waste Assessment Test Program: Not reported  
Threat to Water Quality: Not reported  
Sub Chapter 15: True  
Regional Board Project Officer: Not reported  
Number of WMUDS at Facility: 0  
Section Range: Not reported  
RCRA Facility: No  
Waste Discharge Requirements: H  
Self-Monitoring Rept. Frequency: No Reporting Requirements  
Waste Discharge System ID: 8 303039001  
Solid Waste Information ID: Not reported

LDS:

Global Id: L10007906275  
Latitude: 33.67614  
Longitude: -117.6851  
Case Type: Land Disposal Site  
Status: Completed - Case Closed  
Status Date: 07/01/2003  
Lead Agency: SANTA ANA RWQCB (REGION 8)  
Caseworker: JPL  
Local Agency: Not reported  
RB Case Number: 8 303039001  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Not reported  
EDR Link ID: L10007906275  
Potential Contaminants of Concern: Not reported  
Site History: R & S Soil Products Inc. ceased greenwaste composting operations at this location around July 2003. The Regional Board was not involved in site closure or restoration activities at the site after operations ceased. R&S Soil Products Inc. relocated its greenwaste

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENWASTE, R & S SOIL PRODUCTS, INC.-LAKE FOREST (Continued)**

**S103443284**

composting operations to a new location northeast of this site location since then. The new facility is located at Rocky Rd. & Portola Parkway, Lake Forest, CA 92630 (Lat.: 33.66818, Long: -117.65606).

[Click here to access the California GeoTracker records for this facility:](#)

ENF:

Region:	8
Facility Id:	227931
Agency Name:	R & S DUMPING AND CONSTRUCTION
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	2875
SIC Desc 1:	Fertilizers, Mixing Only
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 303039001
Reg Measure Id:	206120
Reg Measure Type:	Enrollee
Region:	8
Order #:	98-030
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	750

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENWASTE, R & S SOIL PRODUCTS, INC.-LAKE FOREST (Continued)**

**S103443284**

Status: Historical  
Status Date: 09/01/2010  
Effective Date: 02/23/1998  
Expiration/Review Date: 01/01/2003  
Termination Date: 01/01/2003  
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): 236557  
Region: 8  
Order / Resolution Number: UNKNOWN  
Enforcement Action Type: Staff Enforcement Letter  
Effective Date: 04/20/2001  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: 04/20/2001  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 8 303039001  
Description: INADEQUATE MAINTENANCE OF FACILITY CONTAINMENT STRUCTURES AND PONDING, IN VIOLATION OF WAIVER CONDITIONS 6 & 7 OF RESOLUTION NO. 98-30.  
Program: LNDISP  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0

**CA WDS:**

Facility ID: Santa Ana River 303039001  
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: Not reported  
Subregion: 8  
Facility Telephone: Not reported  
Facility Contact: STEVEN CARNEAL  
Agency Name: R & S DUMPING AND CONSTRUCTION  
Agency Address: 24002 VIA FABRICANTE STE 215  
Agency City,St,Zip: MISSION VIEJO 92691  
Agency Contact: STEVEN CARNEAL  
Agency Telephone: Not reported  
Agency Type: Private

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GREENWASTE, R & S SOIL PRODUCTS, INC.-LAKE FOREST (Continued)**

**S103443284**

SIC Code: 2875  
 SIC Code 2: Not reported  
 Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).  
 Primary Waste: SLDWST  
 Waste Type2: Not reported  
 Waste2: Solid Wastes  
 Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Design Flow: 0  
 Baseline Flow: 0  
 Reclamation: No reclamation requirements associated with this facility.  
 POTW: The facility is not a POTW.  
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**B7**            **MUSICK BRANCH JAIL**  
**SW**            **13502 MUSICK RD**  
**1/4-1/2**        **IRVINE, CA 92718**  
**0.483 mi.**  
**2552 ft.**        **Site 1 of 2 in cluster B**

**LUST**    **S101299760**  
**N/A**

**Relative:**    LUST REG 8:  
**Lower**            Region: 8  
                       County: Orange  
**Actual:**        Regional Board: Santa Ana Region  
**490 ft.**            Facility Status: Remediation Plan  
                       Case Number: 083002144T  
                       Local Case Num: 92UT103  
                       Case Type: Soil only  
                       Substance: Gasoline  
                       Qty Leaked: Not reported  
                       Abate Method: Not reported  
                       Cross Street: Not reported  
                       Enf Type: Not reported  
                       Funding: Not reported  
                       How Discovered: Not reported  
                       How Stopped: Not reported  
                       Leak Cause: Not reported  
                       Leak Source: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MUSICK BRANCH JAIL (Continued)**

**S101299760**

Global ID:	T0605901583
How Stopped Date:	Not reported
Enter Date:	12/22/1992
Date Confirmation of Leak Began:	8/24/1992
Date Preliminary Assessment Began:	Not reported
Discover Date:	8/24/1992
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	4/6/1998
Date Pollution Characterization Began:	9/20/1999
Date Remediation Plan Submitted:	12/28/1999
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	12/22/1992
GW Qualifies:	Not reported
Soil Qualifies:	<
Operator:	Not reported
Facility Contact:	Not reported
Interim:	No
Oversite Program:	LUST
Latitude:	33.6532976
Longitude:	-117.7210527
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	1
Max MTBE Soil:	.1
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	RS
Staff Initials:	JK
Lead Agency:	Regional Board
Local Agency:	30000L
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	CASE TRANSFERED TO RB

**B8**  
**SW**  
 1/4-1/2  
 0.483 mi.  
 2552 ft.

**MUSICK BRANCH JAIL**  
**13502 MUSICK RD**  
**IRVINE, CA 92718**  
**Site 2 of 2 in cluster B**

**SWF/LF** **S103629009**  
**LUST** **N/A**

**Relative:**  
**Lower**

SWF/LF (SWIS):	
Region:	STATE
Facility ID:	30-AB-0388
Lat/Long:	33.6633799 / -117.69692
Owner Name:	County of Orange County Jail
Owner Telephone:	9498552600
Owner Address:	James A. Musick (County Jail)
Owner Address2:	13502 Musick Road
Owner City,St,Zip:	Irvine, CA 92618
Operational Status:	Closed
Operator:	County of Orange County Jail
Operator Phone:	9498552600

**Actual:**  
 490 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MUSICK BRANCH JAIL (Continued)**

**S103629009**

Operator Address: James A. Musick (County Jail)  
Operator Address2: 13502 Musick Road  
Operator City,St,Zip: Irvine, CA 92618  
Permit Date: 09/22/2003  
Permit Status: Notification  
Permitted Acreage: Not reported  
Activity: Composting Operation (Ag)  
Regulation Status: Notification  
Landuse Name: Not reported  
GIS Source: Map  
Category: Composting  
Unit Number: 01  
Inspection Frequency: None  
Accepted Waste: Agricultural,Green Materials,Manure  
Closure Date: Not reported  
Closure Type: Not reported  
Disposal Acreage: Not reported  
SWIS Num: 30-AB-0388  
Waste Discharge Requirement Num: Not reported  
Program Type: Not reported  
Permitted Throughput with Units: Not reported  
Actual Throughput with Units: Tons/day  
Permitted Capacity with Units: 12500  
Remaining Capacity: Not reported  
Remaining Capacity with Units: Cu Yards/year

**LUST:**

Region: STATE  
Global Id: T0605901583  
Latitude: 33.6636750239075  
Longitude: -117.69668340683  
Case Type: LUST Cleanup Site  
Status: Open - Remediation  
Status Date: 04/20/2011  
Lead Agency: SANTA ANA RWQCB (REGION 8)  
Case Worker: RS  
Local Agency: Not reported  
RB Case Number: 083002144T  
LOC Case Number: 92UT103  
File Location: Regional Board  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Based on our review of the data collected in September 2009, petroleum hydrocarbon concentrations in groundwater in the downgradient well, MW2, have significantly increased since 2000, the last time the wells were sampled. In September 2009, benzene was 1,772.5 micrograms per liter. However, our review of preliminary results for samples collected in 2010, indicate concentrations have dropped again. A case review meeting was held on October 26, 2010. The outcome of the meeting was a requirement to prepare a CAP for vapor extraction.

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605901583  
Contact Type: Regional Board Caseworker

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MUSICK BRANCH JAIL (Continued)**

**S103629009**

Contact Name: ROSE SCOTT  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: rscott@waterboards.ca.gov  
Phone Number: 9513206375

Status History:

Global Id: T0605901583  
Status: Open - Case Begin Date  
Status Date: 08/24/1992

Global Id: T0605901583  
Status: Open - Site Assessment  
Status Date: 08/24/1992

Global Id: T0605901583  
Status: Open - Site Assessment  
Status Date: 04/06/1998

Global Id: T0605901583  
Status: Open - Site Assessment  
Status Date: 09/20/1999

Global Id: T0605901583  
Status: Open - Remediation  
Status Date: 12/28/1999

Global Id: T0605901583  
Status: Open - Verification Monitoring  
Status Date: 09/24/2010

Global Id: T0605901583  
Status: Open - Remediation  
Status Date: 04/20/2011

Regulatory Activities:

Global Id: T0605901583  
Action Type: RESPONSE  
Date: 02/15/2012  
Action: Monitoring Report - Annually

Global Id: T0605901583  
Action Type: RESPONSE  
Date: 02/15/2012  
Action: Soil and Water Investigation Report

Global Id: T0605901583  
Action Type: ENFORCEMENT  
Date: 05/15/2013  
Action: File review

Global Id: T0605901583  
Action Type: RESPONSE  
Date: 12/31/2009  
Action: Site Assessment Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MUSICK BRANCH JAIL (Continued)**

**S103629009**

Global Id:	T0605901583
Action Type:	ENFORCEMENT
Date:	12/21/2010
Action:	Staff Letter
Global Id:	T0605901583
Action Type:	ENFORCEMENT
Date:	04/01/2010
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605901583
Action Type:	ENFORCEMENT
Date:	10/18/2010
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605901583
Action Type:	RESPONSE
Date:	03/30/2011
Action:	CAP/RAP - Final Remediation / Design Plan
Global Id:	T0605901583
Action Type:	ENFORCEMENT
Date:	10/26/2010
Action:	Verbal Enforcement
Global Id:	T0605901583
Action Type:	ENFORCEMENT
Date:	04/20/2011
Action:	Staff Letter
Global Id:	T0605901583
Action Type:	ENFORCEMENT
Date:	01/13/2009
Action:	File review
Global Id:	T0605901583
Action Type:	ENFORCEMENT
Date:	04/30/2009
Action:	Staff Letter
Global Id:	T0605901583
Action Type:	ENFORCEMENT
Date:	08/27/2009
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605901583
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T0605901583
Action Type:	ENFORCEMENT
Date:	09/21/2010
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0605901583
Action Type:	RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MUSICK BRANCH JAIL (Continued)**

**S103629009**

Date: 12/30/2009  
Action: Monitoring Report - Quarterly

Global Id: T0605901583  
Action Type: ENFORCEMENT  
Date: 12/09/2013  
Action: File review

Global Id: T0605901583  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605901583  
Action Type: ENFORCEMENT  
Date: 01/19/2012  
Action: File review

Global Id: T0605901583  
Action Type: ENFORCEMENT  
Date: 01/14/2010  
Action: Staff Letter

Global Id: T0605901583  
Action Type: ENFORCEMENT  
Date: 03/20/2009  
Action: Meeting

Global Id: T0605901583  
Action Type: ENFORCEMENT  
Date: 10/26/2010  
Action: Meeting

Global Id: T0605901583  
Action Type: ENFORCEMENT  
Date: 03/10/2009  
Action: File review

Global Id: T0605901583  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Soil Vapor Extraction (SVE)

Global Id: T0605901583  
Action Type: ENFORCEMENT  
Date: 10/09/2012  
Action: File review

Count: 7 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EL TORO	S106109191	USMCAS EL TORO UST 759B	USMCAS EL TORO BLDG 759/655	92618	LUST
IRVINE	S109349400	ORANGE COUNTY COMPOSTING, LLC	1 MI. EAST/NORTHEAST OF IRVINE	92618	SWF/LF
IRVINE	S113450534	STOCKPILE SITE LOT 103	INTERSECTION OF GATEWAY AND PA	92618	NPDES
IRVINE	S113450672	WHISTLER TRACT NO 17473	NW OF COMPASS STREET AND SPARR	92618	NPDES
IRVINE	S111828820	SPECTRUM APARTMENTS LOT 105	NW OF ALTON PKWY AND IRVINE CE	92618	NPDES
IRVINE	S1110735405	PORTOLA SPRING TRACT 17367 SEVILLA	NW OF SACRED PATH & DISTANT ST	92618	NPDES
IRVINE	S106660969	USMCAS EL TORO TANK FARM 555	USMCAS EL TORO UST 548 & 551	92618	LUST

# 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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 01/21/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/21/2014
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 01/09/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/21/2014
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 01/09/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

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: 02/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/09/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 05/31/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2013	Telephone: 703-603-8704
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/10/2014
Number of Days to Update: 151	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Varies

## ***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: 02/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/09/2014
	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: 09/10/2013  
Date Data Arrived at EDR: 10/02/2013  
Date Made Active in Reports: 12/16/2013  
Number of Days to Update: 75

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 01/02/2014  
Next Scheduled EDR Contact: 04/14/2014  
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: 09/10/2013  
Date Data Arrived at EDR: 10/02/2013  
Date Made Active in Reports: 12/16/2013  
Number of Days to Update: 75

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 01/02/2014  
Next Scheduled EDR Contact: 04/14/2014  
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: 09/10/2013  
Date Data Arrived at EDR: 10/02/2013  
Date Made Active in Reports: 12/16/2013  
Number of Days to Update: 75

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 01/02/2014  
Next Scheduled EDR Contact: 04/14/2014  
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: 09/10/2013  
Date Data Arrived at EDR: 10/02/2013  
Date Made Active in Reports: 12/16/2013  
Number of Days to Update: 75

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 01/02/2014  
Next Scheduled EDR Contact: 04/14/2014  
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: 09/10/2013  
Date Data Arrived at EDR: 10/02/2013  
Date Made Active in Reports: 12/16/2013  
Number of Days to Update: 75

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 01/02/2014  
Next Scheduled EDR Contact: 04/14/2014  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### 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: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 03/10/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/23/2014
	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: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 03/10/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Varies

### LUCIS: Land Use Control Information System

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

Date of Government Version: 11/20/2013	Source: Department of the Navy
Date Data Arrived at EDR: 11/21/2013	Telephone: 843-820-7326
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 02/14/2014
Number of Days to Update: 95	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Varies

## ***Federal ERNS list***

### ERNS: Emergency Response Notification System

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

Date of Government Version: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 02/07/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/14/2014
	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: 11/06/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/06/2013	Telephone: 916-323-3400
Date Made Active in Reports: 12/03/2013	Last EDR Contact: 02/06/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/19/2014
	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: 11/06/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/06/2013	Telephone: 916-323-3400
Date Made Active in Reports: 12/03/2013	Last EDR Contact: 02/06/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/19/2014
	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: 11/18/2013	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 11/21/2013	Telephone: 916-341-6320
Date Made Active in Reports: 01/02/2014	Last EDR Contact: 02/18/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Quarterly

## **State and tribal leaking storage tank lists**

### LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

### LUST REG 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

### 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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 12/16/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/17/2013	Telephone: see region list
Date Made Active in Reports: 01/04/2014	Last EDR Contact: 12/17/2013
Number of Days to Update: 18	Next Scheduled EDR Contact: 03/31/2014
	Data Release Frequency: Quarterly

## LUST REG 7: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

## LUST REG 4: Underground Storage Tank Leak List

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

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

## LUST REG 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	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
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

## 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 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

## LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

## 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: 12/16/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/17/2013	Telephone: 866-480-1028
Date Made Active in Reports: 01/16/2014	Last EDR Contact: 12/17/2013
Number of Days to Update: 30	Next Scheduled EDR Contact: 03/31/2014
	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.

Date of Government Version: 05/18/2006	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 07/18/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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.

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011  
Date Data Arrived at EDR: 09/13/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 59

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 02/21/2014  
Next Scheduled EDR Contact: 05/12/2014  
Data Release Frequency: Varies

## INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2013  
Date Data Arrived at EDR: 11/26/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 90

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 01/27/2014  
Next Scheduled EDR Contact: 05/12/2014  
Data Release Frequency: Semi-Annually

## INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013  
Date Data Arrived at EDR: 08/27/2013  
Date Made Active in Reports: 11/01/2013  
Number of Days to Update: 66

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 01/27/2014  
Next Scheduled EDR Contact: 05/12/2014  
Data Release Frequency: Varies

## INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012  
Date Data Arrived at EDR: 08/28/2012  
Date Made Active in Reports: 10/16/2012  
Number of Days to Update: 49

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 01/27/2014  
Next Scheduled EDR Contact: 05/12/2014  
Data Release Frequency: Quarterly

## INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013  
Date Data Arrived at EDR: 03/01/2013  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 42

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 01/27/2014  
Next Scheduled EDR Contact: 05/12/2014  
Data Release Frequency: Quarterly

## INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/13/2014  
Date Data Arrived at EDR: 02/14/2014  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 10

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 01/27/2014  
Next Scheduled EDR Contact: 05/12/2014  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/30/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 05/12/2014
	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: 11/06/2013	Source: EPA Region 10
Date Data Arrived at EDR: 11/07/2013	Telephone: 206-553-2857
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Quarterly

### **State and tribal registered storage tank lists**

#### UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/16/2013	Source: SWRCB
Date Data Arrived at EDR: 12/17/2013	Telephone: 916-341-5851
Date Made Active in Reports: 01/07/2014	Last EDR Contact: 12/17/2013
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/31/2014
	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	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-327-5092
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 01/03/2014
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Quarterly

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 01/27/2014	Last EDR Contact: 01/30/2014
Number of Days to Update: 271	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/21/2013	Source: EPA Region 4
Date Data Arrived at EDR: 11/26/2013	Telephone: 404-562-9424
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 01/27/2014
Number of Days to Update: 90	Next Scheduled EDR Contact: 05/12/2014
	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).

Date of Government Version: 02/13/2014	Source: EPA Region 5
Date Data Arrived at EDR: 02/14/2014	Telephone: 312-886-6136
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 01/27/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/12/2014
	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: 07/29/2013	Source: EPA Region 9
Date Data Arrived at EDR: 07/30/2013	Telephone: 415-972-3368
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 129	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Quarterly

## 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: 07/29/2013	Source: EPA Region 8
Date Data Arrived at EDR: 08/01/2013	Telephone: 303-312-6137
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 92	Next Scheduled EDR Contact: 05/12/2014
	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: 01/29/2014	Source: EPA Region 6
Date Data Arrived at EDR: 01/29/2014	Telephone: 214-665-7591
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 01/27/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 01/13/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: Varies

## **State and tribal voluntary cleanup sites**

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/17/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 10/01/2013	Telephone: 617-918-1102
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/03/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/14/2014
	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: 11/06/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/06/2013	Telephone: 916-323-3400
Date Made Active in Reports: 12/03/2013	Last EDR Contact: 02/06/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/19/2014
	Data Release Frequency: Quarterly

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 09/24/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/24/2013	Telephone: 202-566-2777
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 02/25/2014
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/07/2014
	Data Release Frequency: Semi-Annually

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

# 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

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 01/27/2014  
Next Scheduled EDR Contact: 05/12/2014  
Data Release Frequency: No Update Planned

## 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: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
Data Release Frequency: No Update Planned

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/16/2013  
Date Data Arrived at EDR: 12/17/2013  
Date Made Active in Reports: 01/07/2014  
Number of Days to Update: 21

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 12/17/2013  
Next Scheduled EDR Contact: 03/31/2014  
Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/20/2013  
Date Data Arrived at EDR: 11/25/2013  
Date Made Active in Reports: 12/31/2013  
Number of Days to Update: 36

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 02/14/2014  
Next Scheduled EDR Contact: 06/02/2014  
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: 11/04/2013  
Next Scheduled EDR Contact: 02/17/2014  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### **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: 12/04/2013	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/10/2013	Telephone: 202-307-1000
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 03/04/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 06/16/2014
	Data Release Frequency: Quarterly

### **HIST CAL-SITES: Calsites Database**

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

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

### **SCH: School Property Evaluation Program**

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

Date of Government Version: 11/06/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/06/2013	Telephone: 916-323-3400
Date Made Active in Reports: 12/03/2013	Last EDR Contact: 02/06/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/19/2014
	Data Release Frequency: Quarterly

### **TOXIC PITS: Toxic Pits Cleanup Act Sites**

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

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

### **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: 06/30/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 09/03/2013	Telephone: 916-255-6504
Date Made Active in Reports: 10/10/2013	Last EDR Contact: 02/24/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/04/2014
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/16/2014
	Data Release Frequency: No Update Planned

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

### CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 03/03/2014
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/16/2014
	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### 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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **Local Land Records**

### 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/06/2013  
Date Data Arrived at EDR: 04/25/2013  
Date Made Active in Reports: 05/10/2013  
Number of Days to Update: 15

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 01/27/2014  
Next Scheduled EDR Contact: 05/12/2014  
Data Release Frequency: Varies

## LIENS: Environmental Liens Listing

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

Date of Government Version: 01/17/2014  
Date Data Arrived at EDR: 01/21/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 21

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
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: 12/09/2013  
Date Data Arrived at EDR: 12/10/2013  
Date Made Active in Reports: 01/03/2014  
Number of Days to Update: 24

Source: DTSC and SWRCB  
Telephone: 916-323-3400  
Last EDR Contact: 03/11/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 01/03/2014  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 52

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 01/03/2014  
Next Scheduled EDR Contact: 01/13/2014  
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).

Date of Government Version: 10/14/2013  
Date Data Arrived at EDR: 10/30/2013  
Date Made Active in Reports: 12/03/2013  
Number of Days to Update: 34

Source: Office of Emergency Services  
Telephone: 916-845-8400  
Last EDR Contact: 01/30/2014  
Next Scheduled EDR Contact: 05/12/2014  
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: 12/16/2013  
Date Data Arrived at EDR: 12/17/2013  
Date Made Active in Reports: 01/04/2014  
Number of Days to Update: 18

Source: State Water Quality Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 12/17/2013  
Next Scheduled EDR Contact: 03/31/2014  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 12/16/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/17/2013	Telephone: 866-480-1028
Date Made Active in Reports: 01/04/2014	Last EDR Contact: 12/17/2013
Number of Days to Update: 18	Next Scheduled EDR Contact: 03/31/2014
	Data Release Frequency: Quarterly

## SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **Other Ascertainable Records**

### RCRA NonGen / NLR: RCRA - Non Generators

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: 09/10/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/02/2013	Telephone: (415) 495-8895
Date Made Active in Reports: 12/16/2013	Last EDR Contact: 01/02/2014
Number of Days to Update: 75	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Varies

### DOT OPS: Incident and Accident Data

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
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 02/06/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/19/2014
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/15/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: Semi-Annually

### FUDS: Formerly Used Defense Sites

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 02/26/2013  
Date Made Active in Reports: 03/13/2013  
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
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: 12/31/2013  
Date Data Arrived at EDR: 01/24/2014  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 12/26/2013  
Next Scheduled EDR Contact: 04/14/2014  
Data Release Frequency: Varies

## 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  
Date Data Arrived at EDR: 12/12/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 74

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 03/11/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: 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  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 02/25/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

## 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: 08/01/2013  
Date Data Arrived at EDR: 09/05/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 03/05/2014  
Next Scheduled EDR Contact: 06/16/2014  
Data Release Frequency: Semi-Annually

## 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: 12/31/2011  
Date Data Arrived at EDR: 07/31/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 44

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 02/26/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Annually

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 09/29/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 64

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 12/26/2013  
Next Scheduled EDR Contact: 04/07/2014  
Data Release Frequency: Every 4 Years

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

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
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  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
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

**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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 01/28/2014  
Next Scheduled EDR Contact: 05/12/2014  
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: 07/20/2011  
Date Data Arrived at EDR: 11/10/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 10/09/2014  
Next Scheduled EDR Contact: 04/28/2014  
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: 06/01/2013  
Date Data Arrived at EDR: 07/17/2013  
Date Made Active in Reports: 11/01/2013  
Number of Days to Update: 107

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 01/28/2014  
Next Scheduled EDR Contact: 04/28/2014  
Data Release Frequency: Annually

## 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: 07/22/2013  
Date Data Arrived at EDR: 08/02/2013  
Date Made Active in Reports: 11/01/2013  
Number of Days to Update: 91

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Quarterly

## RADINFO: Radiation Information Database

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

Date of Government Version: 01/09/2014  
Date Data Arrived at EDR: 01/10/2014  
Date Made Active in Reports: 03/12/2014  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 01/10/2014  
Next Scheduled EDR Contact: 04/21/2014  
Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 11/18/2013  
Date Data Arrived at EDR: 02/27/2014  
Date Made Active in Reports: 03/12/2014  
Number of Days to Update: 13

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 12/10/2013  
Next Scheduled EDR Contact: 03/24/2014  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

## RMP: Risk Management Plans

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

Date of Government Version: 11/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/12/2013	Telephone: 202-564-8600
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 01/27/2014
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/12/2014
	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: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 02/28/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 06/09/2014
	Data Release Frequency: Biennially

## 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

## UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/25/2013	Source: Department of Conservation
Date Data Arrived at EDR: 12/17/2013	Telephone: 916-445-2408
Date Made Active in Reports: 01/07/2014	Last EDR Contact: 12/17/2013
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/31/2014
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/19/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/21/2013	Telephone: 916-445-9379
Date Made Active in Reports: 01/02/2014	Last EDR Contact: 02/18/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Quarterly

## CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 12/30/2013	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 12/31/2013	Telephone: 916-323-3400
Date Made Active in Reports: 02/11/2014	Last EDR Contact: 12/31/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Quarterly

## HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## 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: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 12/17/2013
Number of Days to Update: 18	Next Scheduled EDR Contact: 04/07/2014
	Data Release Frequency: No Update Planned

## 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: 09/10/2013	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 09/11/2013	Telephone: 916-327-4498
Date Made Active in Reports: 10/16/2013	Last EDR Contact: 03/10/2014
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Annually

## WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 12/26/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 08/09/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/13/2013	Telephone: 916-445-9379
Date Made Active in Reports: 10/08/2013	Last EDR Contact: 02/10/2014
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/05/2014
	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.

Date of Government Version: 12/31/2012	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/16/2013	Telephone: 916-255-1136
Date Made Active in Reports: 08/26/2013	Last EDR Contact: 01/17/2014
Number of Days to Update: 41	Next Scheduled EDR Contact: 04/28/2014
	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: 12/31/2010	Source: California Air Resources Board
Date Data Arrived at EDR: 06/25/2013	Telephone: 916-322-2990
Date Made Active in Reports: 08/22/2013	Last EDR Contact: 12/26/2013
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/07/2014
	Data Release Frequency: Varies

## 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: 01/15/2014
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: Semi-Annually

## 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: 01/20/2014
Number of Days to Update: 54	Next Scheduled EDR Contact: 05/05/2014
	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: 11/18/2013	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 11/19/2013	Telephone: 916-341-6066
Date Made Active in Reports: 12/31/2013	Last EDR Contact: 02/14/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/28/2014  
Date Data Arrived at EDR: 01/30/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 12

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 01/27/2014  
Next Scheduled EDR Contact: 05/05/2014  
Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011  
Date Data Arrived at EDR: 10/19/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 83

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 01/30/2014  
Next Scheduled EDR Contact: 05/12/2014  
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: 08/17/2010  
Date Data Arrived at EDR: 01/03/2011  
Date Made Active in Reports: 03/21/2011  
Number of Days to Update: 77

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 03/11/2014  
Next Scheduled EDR Contact: 06/23/2014  
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: 09/20/2013  
Date Data Arrived at EDR: 12/11/2013  
Date Made Active in Reports: 01/04/2014  
Number of Days to Update: 24

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Varies

## COAL ASH DOE: Sleam-Electric Plan Operation Data

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 01/13/2014  
Next Scheduled EDR Contact: 04/28/2014  
Data Release Frequency: Varies

## HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 01/13/2014  
Date Data Arrived at EDR: 01/14/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 28

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 01/14/2014  
Next Scheduled EDR Contact: 04/28/2014  
Data Release Frequency: Quarterly

## HWP: EnviroStor Permitted Facilities Listing

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/25/2013  
Date Data Arrived at EDR: 11/26/2013  
Date Made Active in Reports: 12/31/2013  
Number of Days to Update: 35

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/25/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Quarterly

PROC: Certified Processors Database  
A listing of certified processors.

Date of Government Version: 12/16/2013  
Date Data Arrived at EDR: 12/17/2013  
Date Made Active in Reports: 01/07/2014  
Number of Days to Update: 21

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 12/17/2013  
Next Scheduled EDR Contact: 03/31/2014  
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: 06/30/2013  
Date Data Arrived at EDR: 08/13/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties  
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013  
Date Data Arrived at EDR: 07/03/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 72

Source: EPA  
Telephone: 202-564-6023  
Last EDR Contact: 01/02/2014  
Next Scheduled EDR Contact: 04/14/2014  
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 11/11/2011  
Date Data Arrived at EDR: 05/18/2012  
Date Made Active in Reports: 05/25/2012  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 02/14/2014  
Next Scheduled EDR Contact: 05/26/2014  
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites  
A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013  
Date Data Arrived at EDR: 02/14/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 13

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 01/03/2014  
Next Scheduled EDR Contact: 04/21/2014  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## 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  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 01/15/2014  
Next Scheduled EDR Contact: 04/28/2014  
Data Release Frequency: N/A

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007  
Date Data Arrived at EDR: 06/20/2007  
Date Made Active in Reports: 06/29/2007  
Number of Days to Update: 9

Source: State Water Resources Control Board  
Telephone: 916-341-5227  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Quarterly

## 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: 11/20/2013  
Date Data Arrived at EDR: 12/03/2013  
Date Made Active in Reports: 02/13/2014  
Number of Days to Update: 72

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 02/14/2014  
Next Scheduled EDR Contact: 06/02/2014  
Data Release Frequency: Quarterly

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013  
Date Data Arrived at EDR: 11/06/2013  
Date Made Active in Reports: 12/06/2013  
Number of Days to Update: 30

Source: EPA  
Telephone: 202-564-5962  
Last EDR Contact: 12/26/2013  
Next Scheduled EDR Contact: 04/14/2014  
Data Release Frequency: Annually

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

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

Date of Government Version: 10/23/2013  
Date Data Arrived at EDR: 11/06/2013  
Date Made Active in Reports: 12/06/2013  
Number of Days to Update: 30

Source: EPA  
Telephone: 202-564-5962  
Last EDR Contact: 12/26/2013  
Next Scheduled EDR Contact: 04/14/2014  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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.

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 Auto Stat: EDR Proprietary Historic Gas Stations - Cole

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: N/A  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

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

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Date of Government Version: N/A	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## 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: 01/22/2014	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/23/2014	Telephone: 510-567-6700
Date Made Active in Reports: 02/11/2014	Last EDR Contact: 12/30/2013
Number of Days to Update: 19	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Semi-Annually

### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/22/2014	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/23/2014	Telephone: 510-567-6700
Date Made Active in Reports: 02/12/2014	Last EDR Contact: 12/30/2013
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Semi-Annually

AMADOR COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

### Cupa Facility List

Date of Government Version: 12/05/2013  
Date Data Arrived at EDR: 12/10/2013  
Date Made Active in Reports: 01/03/2014  
Number of Days to Update: 24

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Varies

## BUTTE COUNTY:

### CUPA Facility Listing

#### Cupa facility list.

Date of Government Version: 08/01/2013  
Date Data Arrived at EDR: 08/02/2013  
Date Made Active in Reports: 08/22/2013  
Number of Days to Update: 20

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 01/13/2014  
Next Scheduled EDR Contact: 04/28/2014  
Data Release Frequency: No Update Planned

## CALVERAS COUNTY:

### CUPA Facility Listing

#### Cupa Facility Listing

Date of Government Version: 09/30/2013  
Date Data Arrived at EDR: 10/01/2013  
Date Made Active in Reports: 11/26/2013  
Number of Days to Update: 56

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 12/30/2013  
Next Scheduled EDR Contact: 04/14/2014  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

### CUPA Facility List

#### Cupa facility list.

Date of Government Version: 12/05/2013  
Date Data Arrived at EDR: 12/05/2013  
Date Made Active in Reports: 01/27/2014  
Number of Days to Update: 53

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 05/26/2014  
Data Release Frequency: Varies

## CONTRA COSTA COUNTY:

### Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/18/2013  
Date Data Arrived at EDR: 11/19/2013  
Date Made Active in Reports: 12/31/2013  
Number of Days to Update: 42

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 02/05/2014  
Next Scheduled EDR Contact: 05/19/2014  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

Cupa Facility list

Date of Government Version: 01/09/2013  
Date Data Arrived at EDR: 01/10/2013  
Date Made Active in Reports: 02/25/2013  
Number of Days to Update: 46

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 11/04/2013  
Next Scheduled EDR Contact: 02/17/2014  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 11/18/2013  
Date Data Arrived at EDR: 11/19/2013  
Date Made Active in Reports: 01/14/2014  
Number of Days to Update: 56

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 02/04/2014  
Next Scheduled EDR Contact: 05/19/2014  
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: 12/31/2013  
Date Data Arrived at EDR: 01/14/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 28

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 01/13/2014  
Next Scheduled EDR Contact: 04/28/2014  
Data Release Frequency: Semi-Annually

## HUMBOLDT COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 12/16/2013  
Date Data Arrived at EDR: 12/17/2013  
Date Made Active in Reports: 01/07/2014  
Number of Days to Update: 21

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

## IMPERIAL COUNTY:

### CUPA Facility List

Cupa facility list.

Date of Government Version: 01/27/2014  
Date Data Arrived at EDR: 01/28/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 14

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 01/27/2014  
Next Scheduled EDR Contact: 05/12/2014  
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: 39

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

## KERN COUNTY:

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

Date of Government Version: 08/31/2010  
Date Data Arrived at EDR: 09/01/2010  
Date Made Active in Reports: 09/30/2010  
Number of Days to Update: 29

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
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: 12/12/2013  
Date Data Arrived at EDR: 12/13/2013  
Date Made Active in Reports: 01/07/2014  
Number of Days to Update: 25

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

## LAKE COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 01/23/2013  
Date Data Arrived at EDR: 01/25/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 33

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 01/20/2014  
Next Scheduled EDR Contact: 05/05/2014  
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: 12/17/2013  
Next Scheduled EDR Contact: 04/07/2014  
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: 03/28/2013  
Date Data Arrived at EDR: 06/17/2013  
Date Made Active in Reports: 08/21/2013  
Number of Days to Update: 65

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 01/13/2014  
Next Scheduled EDR Contact: 04/28/2014  
Data Release Frequency: Semi-Annually

## List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/20/2014  
Date Data Arrived at EDR: 01/21/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 21

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 01/21/2014  
Next Scheduled EDR Contact: 05/05/2014  
Data Release Frequency: Varies

## City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009  
Date Data Arrived at EDR: 03/10/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 29

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 01/20/2014  
Next Scheduled EDR Contact: 05/05/2014  
Data Release Frequency: Varies

## Site Mitigation List

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

Date of Government Version: 01/30/2013  
Date Data Arrived at EDR: 02/21/2013  
Date Made Active in Reports: 03/25/2013  
Number of Days to Update: 32

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 01/20/2014  
Next Scheduled EDR Contact: 05/05/2014  
Data Release Frequency: Annually

## City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 10/21/2013  
Date Data Arrived at EDR: 10/25/2013  
Date Made Active in Reports: 11/27/2013  
Number of Days to Update: 33

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 01/20/2014  
Next Scheduled EDR Contact: 05/05/2014  
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: 03/28/2003  
Date Data Arrived at EDR: 10/23/2003  
Date Made Active in Reports: 11/26/2003  
Number of Days to Update: 34

Source: City of Long Beach Fire Department  
Telephone: 562-570-2563  
Last EDR Contact: 01/30/2014  
Next Scheduled EDR Contact: 05/12/2014  
Data Release Frequency: Annually

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/15/2013  
Date Data Arrived at EDR: 07/18/2013  
Date Made Active in Reports: 08/20/2013  
Number of Days to Update: 33

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 01/13/2014  
Next Scheduled EDR Contact: 04/28/2014  
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: 12/09/2013  
Date Data Arrived at EDR: 12/10/2013  
Date Made Active in Reports: 02/20/2014  
Number of Days to Update: 72

Source: Madera County Environmental Health  
Telephone: 559-675-7823  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/03/2014  
Date Data Arrived at EDR: 01/09/2014  
Date Made Active in Reports: 02/12/2014  
Number of Days to Update: 34

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Last EDR Contact: 01/03/2014  
Next Scheduled EDR Contact: 04/21/2014  
Data Release Frequency: Semi-Annually

## MERCED COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 11/21/2013  
Date Data Arrived at EDR: 11/25/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 91

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

## MONO COUNTY:

### CUPA Facility List

CUPA Facility List

Date of Government Version: 12/02/2013  
Date Data Arrived at EDR: 12/03/2013  
Date Made Active in Reports: 01/02/2014  
Number of Days to Update: 30

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 03/03/2014  
Next Scheduled EDR Contact: 06/16/2014  
Data Release Frequency: Varies

## MONTEREY COUNTY:

### CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/09/2014  
Date Data Arrived at EDR: 01/10/2014  
Date Made Active in Reports: 02/14/2014  
Number of Days to Update: 35

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
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: 03/03/2014  
Next Scheduled EDR Contact: 06/06/2014  
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: 03/03/2014  
Next Scheduled EDR Contact: 06/16/2014  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 11/06/2013  
Date Data Arrived at EDR: 11/07/2013  
Date Made Active in Reports: 12/04/2013  
Number of Days to Update: 27

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 02/14/2014  
Next Scheduled EDR Contact: 05/19/2014  
Data Release Frequency: Varies

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 11/04/2013  
Date Data Arrived at EDR: 11/13/2013  
Date Made Active in Reports: 12/04/2013  
Number of Days to Update: 21

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
Data Release Frequency: Annually

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/04/2013  
Date Data Arrived at EDR: 11/13/2013  
Date Made Active in Reports: 12/04/2013  
Number of Days to Update: 21

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
Data Release Frequency: Quarterly

### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/04/2013  
Date Data Arrived at EDR: 11/13/2013  
Date Made Active in Reports: 12/04/2013  
Number of Days to Update: 21

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
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: 12/09/2013  
Date Data Arrived at EDR: 12/10/2013  
Date Made Active in Reports: 01/07/2014  
Number of Days to Update: 28

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
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: 01/14/2014  
Date Data Arrived at EDR: 01/15/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 27

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 12/19/2013  
Next Scheduled EDR Contact: 04/07/2014  
Data Release Frequency: Quarterly

### Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/14/2014  
Date Data Arrived at EDR: 01/15/2014  
Date Made Active in Reports: 02/12/2014  
Number of Days to Update: 28

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 12/19/2013  
Next Scheduled EDR Contact: 04/07/2014  
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: 11/21/2013  
Date Data Arrived at EDR: 01/09/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 33

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 01/06/2014  
Next Scheduled EDR Contact: 04/21/2014  
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: 11/21/2013  
Date Data Arrived at EDR: 01/09/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 33

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 01/06/2014  
Next Scheduled EDR Contact: 04/21/2014  
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: 11/26/2013  
Date Data Arrived at EDR: 11/27/2013  
Date Made Active in Reports: 12/31/2013  
Number of Days to Update: 34

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
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: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Quarterly

### Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2013  
Date Data Arrived at EDR: 11/19/2013  
Date Made Active in Reports: 12/31/2013  
Number of Days to Update: 42

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 02/14/2014  
Next Scheduled EDR Contact: 05/12/2014  
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: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
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: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
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: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
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: 12/18/2013  
Date Data Arrived at EDR: 12/19/2013  
Date Made Active in Reports: 01/08/2014  
Number of Days to Update: 20

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 12/17/2013  
Next Scheduled EDR Contact: 04/07/2014  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/21/2013  
Date Data Arrived at EDR: 11/25/2013  
Date Made Active in Reports: 02/27/2014  
Number of Days to Update: 94

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
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: 01/13/2014  
Date Data Arrived at EDR: 01/14/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 12/16/2013  
Next Scheduled EDR Contact: 03/31/2014  
Data Release Frequency: Annually

### Fuel Leak List

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

Date of Government Version: 12/12/2013  
Date Data Arrived at EDR: 12/17/2013  
Date Made Active in Reports: 01/07/2014  
Number of Days to Update: 21

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 12/12/2013  
Next Scheduled EDR Contact: 03/31/2014  
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: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

## SANTA CLARA COUNTY:

### Cupa Facility List

Cupa facility list

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/03/2013  
Date Data Arrived at EDR: 12/04/2013  
Date Made Active in Reports: 01/27/2014  
Number of Days to Update: 54

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 03/03/2014  
Next Scheduled EDR Contact: 06/16/2014  
Data Release Frequency: Varies

## HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

## LOP Listing

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

Date of Government Version: 12/02/2013  
Date Data Arrived at EDR: 12/03/2013  
Date Made Active in Reports: 01/02/2014  
Number of Days to Update: 30

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 03/03/2014  
Next Scheduled EDR Contact: 06/16/2014  
Data Release Frequency: Annually

## Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/12/2013  
Date Data Arrived at EDR: 11/15/2013  
Date Made Active in Reports: 01/03/2014  
Number of Days to Update: 49

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

### CUPA Facility List

CUPA facility listing.

Date of Government Version: 12/09/2013  
Date Data Arrived at EDR: 12/10/2013  
Date Made Active in Reports: 01/03/2014  
Number of Days to Update: 24

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

## SHASTA COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 12/03/2013  
Date Data Arrived at EDR: 12/04/2013  
Date Made Active in Reports: 01/02/2014  
Number of Days to Update: 29

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

## SOLANO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Leaking Underground Storage Tanks

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

Date of Government Version: 12/16/2013  
Date Data Arrived at EDR: 12/18/2013  
Date Made Active in Reports: 01/08/2014  
Number of Days to Update: 21

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 12/12/2013  
Next Scheduled EDR Contact: 03/31/2014  
Data Release Frequency: Quarterly

## Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 12/16/2013  
Date Data Arrived at EDR: 12/19/2013  
Date Made Active in Reports: 01/08/2014  
Number of Days to Update: 20

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 12/12/2013  
Next Scheduled EDR Contact: 03/31/2014  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### Cupa Facility List

Cupa Facility list

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 01/02/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 40

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 12/30/2013  
Next Scheduled EDR Contact: 04/14/2014  
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: 01/03/2014  
Date Data Arrived at EDR: 01/03/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 39

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 12/30/2013  
Next Scheduled EDR Contact: 04/14/2014  
Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/10/2013  
Date Data Arrived at EDR: 12/11/2013  
Date Made Active in Reports: 01/04/2014  
Number of Days to Update: 24

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Semi-Annually

## TUOLUMNE COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 11/04/2013  
Date Data Arrived at EDR: 11/06/2013  
Date Made Active in Reports: 12/04/2013  
Number of Days to Update: 28

Source: Division of Environmental Health  
Telephone: 209-533-5633  
Last EDR Contact: 01/27/2014  
Next Scheduled EDR Contact: 05/12/2014  
Data Release Frequency: Varies

## VENTURA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 10/29/2013	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 11/21/2013	Telephone: 805-654-2813
Date Made Active in Reports: 01/14/2014	Last EDR Contact: 02/18/2014
Number of Days to Update: 54	Next Scheduled EDR Contact: 06/02/2014
	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	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 01/03/2014
Number of Days to Update: 49	Next Scheduled EDR Contact: 04/21/2014
	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	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 02/17/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 06/02/2014
	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: 10/02/2013	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 10/30/2013	Telephone: 805-654-2813
Date Made Active in Reports: 11/27/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/11/2014
	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: 11/26/2013	Source: Environmental Health Division
Date Data Arrived at EDR: 12/18/2013	Telephone: 805-654-2813
Date Made Active in Reports: 01/08/2014	Last EDR Contact: 12/16/2013
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/31/2014
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/18/2013	Source: Yolo County Department of Health
Date Data Arrived at EDR: 12/24/2013	Telephone: 530-666-8646
Date Made Active in Reports: 01/08/2014	Last EDR Contact: 12/17/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 04/07/2014
	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: 12/06/2013  
Date Data Arrived at EDR: 12/10/2013  
Date Made Active in Reports: 01/04/2014  
Number of Days to Update: 25

Source: Yuba County Environmental Health Department  
Telephone: 530-749-7523  
Last EDR Contact: 12/06/2013  
Next Scheduled EDR Contact: 02/17/2014  
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: 02/21/2014  
Next Scheduled EDR Contact: 06/02/2014  
Data Release Frequency: Annually

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/19/2012  
Date Made Active in Reports: 08/28/2012  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/17/2014  
Next Scheduled EDR Contact: 04/28/2014  
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: 11/01/2013  
Date Data Arrived at EDR: 11/07/2013  
Date Made Active in Reports: 11/18/2013  
Number of Days to Update: 11

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 03/12/2014  
Next Scheduled EDR Contact: 05/19/2014  
Data Release Frequency: Annually

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 07/24/2013  
Date Made Active in Reports: 08/19/2013  
Number of Days to Update: 26

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/20/2014  
Next Scheduled EDR Contact: 05/05/2014  
Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 06/21/2013  
Date Made Active in Reports: 08/05/2013  
Number of Days to Update: 45

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012

Date Data Arrived at EDR: 08/09/2013

Date Made Active in Reports: 09/27/2013

Number of Days to Update: 49

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/11/2013

Next Scheduled EDR Contact: 03/31/2014

Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

## Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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.

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.

## Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

LOT 13 OF TRACT 13343  
25192 COMMERCENTRE DRIVE  
LAKE FOREST, CA 92630

### TARGET PROPERTY COORDINATES

Latitude (North):	33.6687 - 33° 40' 7.32"
Longitude (West):	117.6907 - 117° 41' 26.52"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	435966.8
UTM Y (Meters):	3725443.8
Elevation:	553 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	33117-F6 EL TORO, CA
Most Recent Revision:	1982

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).

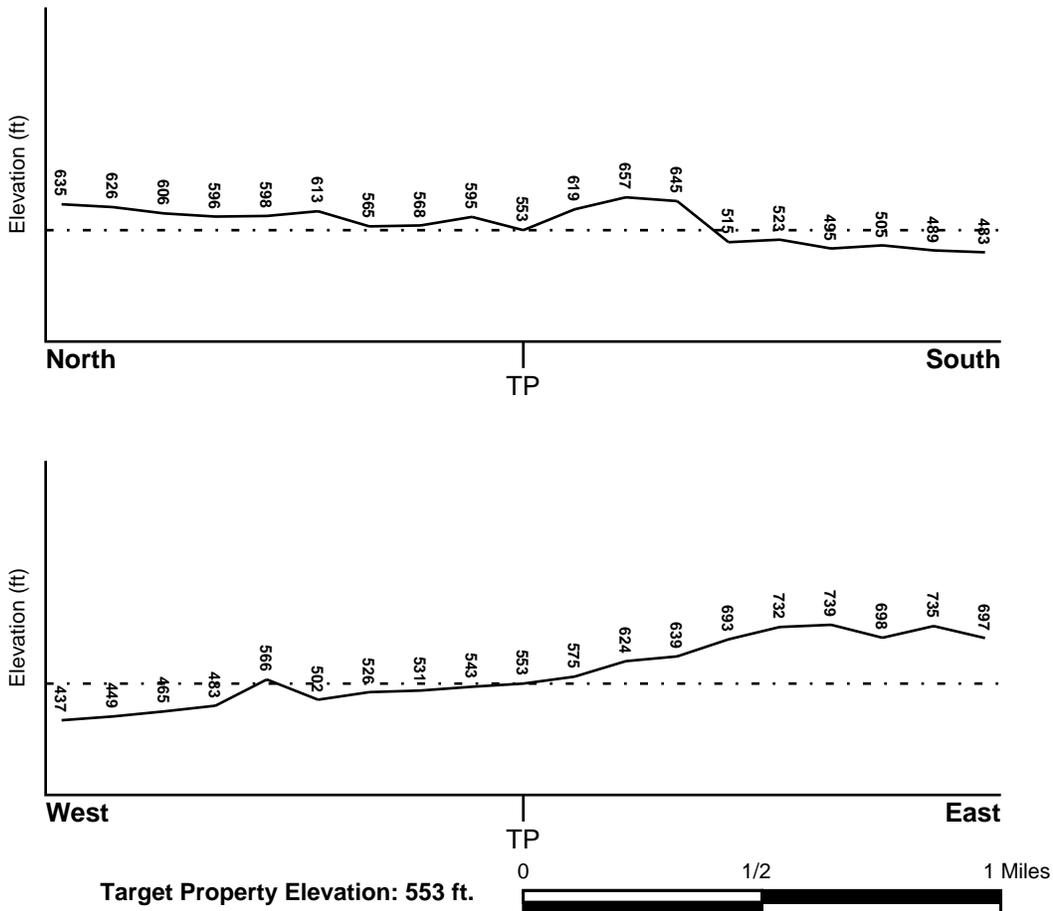
## TOPOGRAPHIC INFORMATION

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 NW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

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

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

## FEMA FLOOD ZONE

<u>Target Property County</u> ORANGE, CA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	06059C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> EL TORO	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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## HYDROGEOLOGIC INFORMATION

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

### *Site-Specific Hydrogeological Data\*:*

Search Radius:	1.25 miles
Status:	Not found

## AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### **ROCK STRATIGRAPHIC UNIT**

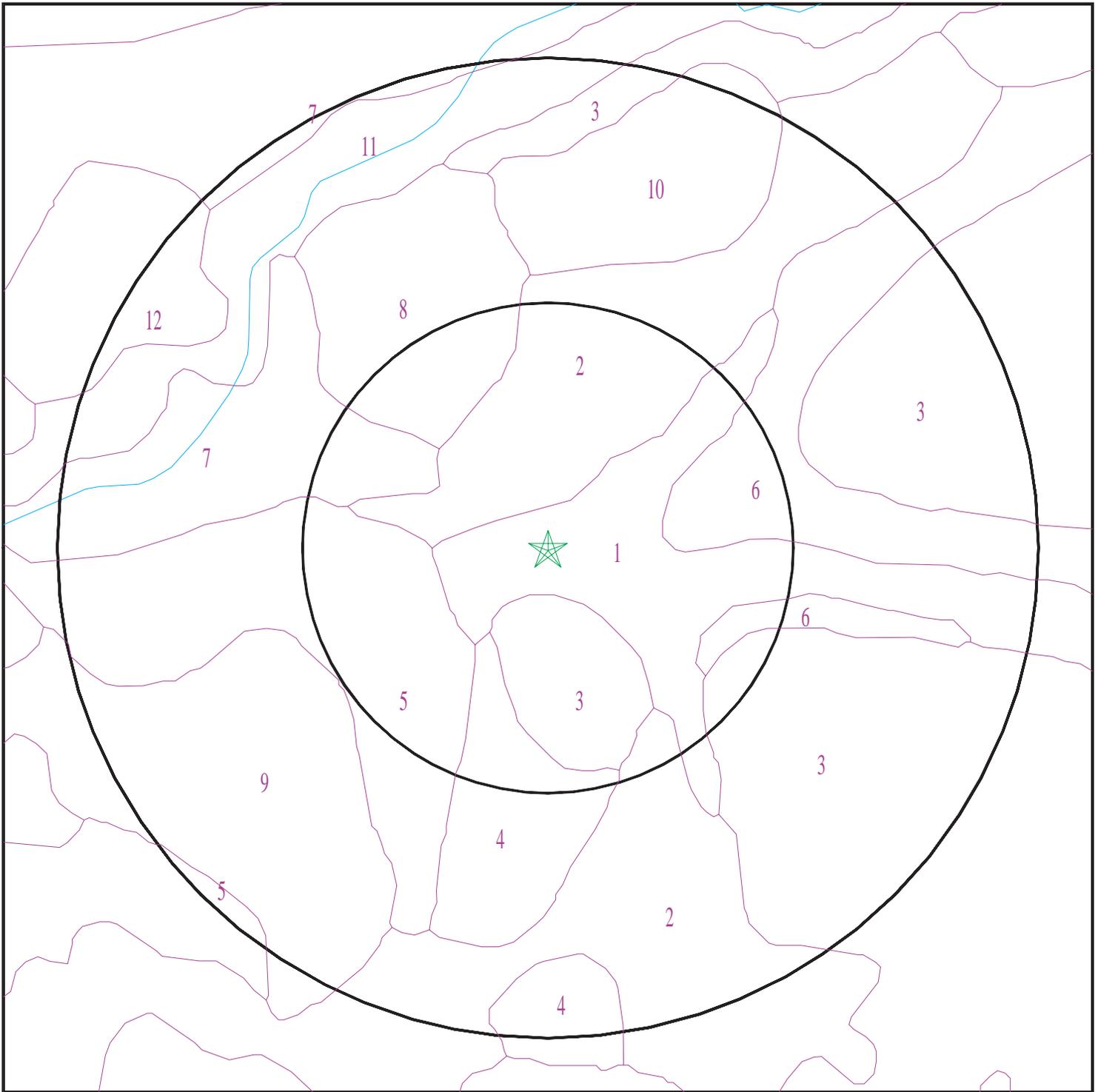
Era:	Cenozoic
System:	Tertiary
Series:	Miocene
Code:	Tm (decoded above as Era, System & Series)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

# SSURGO SOIL MAP - 3879196.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Lot 13 of Tract 13343  
ADDRESS: 25192 Commercentre Drive  
Lake Forest CA 92630  
LAT/LONG: 33.6687 / 117.6907

CLIENT: Geotek Inc  
CONTACT: Anna M. Scott  
INQUIRY #: 3879196.2s  
DATE: March 12, 2014 11:26 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: CORRALITOS

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

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	9 inches	loamy sand	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: 5.6
2	9 inches	59 inches	stratified sand to loamy sand	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: 5.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 2**

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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	7 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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: 42 Min: 14	Max: 6 Min: 5.1
2	7 inches	11 inches	sandy clay	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: 5.6
3	11 inches	20 inches	sandy 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: 5.6
4	20 inches	64 inches	sandy 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: 6.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
5	64 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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: 6.5 Min: 6.1

### Soil Map ID: 3

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	7 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: 42 Min: 14	Max: 7.3 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	7 inches	11 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

### Soil Map ID: 4

Soil Component Name: SAN ANDREAS

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	31 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6.5 Min: 5.6
2	31 inches	35 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

### Soil Map ID: 5

Soil Component Name: BOSANKO

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	20 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: 6.1
2	20 inches	31 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: 6.1
3	31 inches	35 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

### Soil Map ID: 6

Soil Component Name: CAPISTRANO

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

## 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	27 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: 5.6
2	27 inches	64 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: 5.6

**Soil Map ID: 7**

Soil Component Name: METZ

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

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	16 inches	loamy sand	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: 8.4 Min: 6.6

## 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	16 inches	62 inches	stratified sand to 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: 14 Min: 4	Max: 8.4 Min: 6.6

**Soil Map ID: 8**

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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: 42 Min: 14	Max: 6 Min: 5.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	11 inches	18 inches	sandy clay	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: 5.6
3	18 inches	27 inches	sandy 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: 5.6
4	27 inches	70 inches	sandy 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: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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: 6.5 Min: 6.1

### Soil Map ID: 9

Soil Component Name: BALCOM

Soil Surface Texture: clay 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

## 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	29 inches	clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	29 inches	33 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

**Soil Map ID: 10**

Soil Component Name: BALCOM

Soil Surface Texture: clay 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	33 inches	clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	33 inches	38 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

**Soil Map ID: 11**

Soil Component Name: RIVERWASH

Soil Surface Texture: sand

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:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: Min:
2	5 inches	59 inches	stratified coarse sand to 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: Min:

**Soil Map ID: 12**

Soil Component Name: SOPER

Soil Surface Texture: gravelly 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: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	gravelly 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
2	9 inches	29 inches	gravelly 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: 4 Min: 1.4	Max: 7.8 Min: 6.1
3	29 inches	33 inches	weathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

### 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	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

### **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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

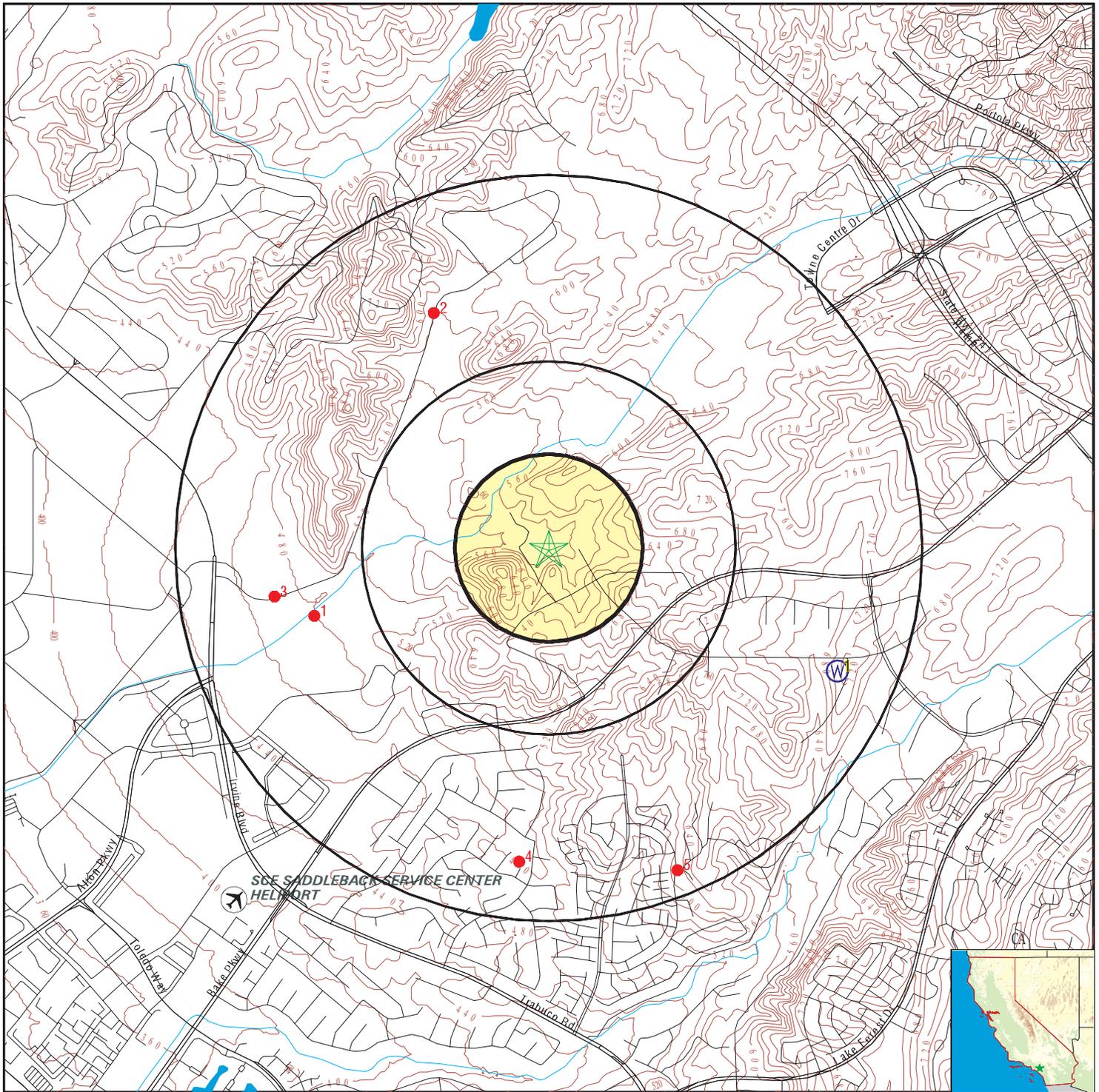
MAP ID	WELL ID	LOCATION FROM TP
1	6936	1/2 - 1 Mile ESE

## OTHER STATE DATABASE INFORMATION

## STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG9A000004631	1/2 - 1 Mile WSW
2	CAOG9A000006283	1/2 - 1 Mile NNW
3	CAOG9A000004709	1/2 - 1 Mile West
4	CAOG9A000003979	1/2 - 1 Mile South
5	CAOG9A000003964	1/2 - 1 Mile SSE

# PHYSICAL SETTING SOURCE MAP - 3879196.2s



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



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



SITE NAME: Lot 13 of Tract 13343  
 ADDRESS: 25192 Commercentre Drive  
 Lake Forest CA 92630  
 LAT/LONG: 33.6687 / 117.6907

CLIENT: Geotek Inc  
 CONTACT: Anna M. Scott  
 INQUIRY #: 3879196.2s  
 DATE: March 12, 2014 11:26 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

<b>1</b>		
<b>ESE</b>	<b>CA WELLS</b>	<b>6936</b>
<b>1/2 - 1 Mile</b>		
<b>Higher</b>		

**Water System Information:**

Prime Station Code: 06S/04W-09L04 S	User ID: WAT	County: Riverside
FRDS Number: 3310012015	Station Type: WELL/AMBNT/MUN/INTAKE	Well Status: Abandoned
District Number: 14	Precision: 100 Feet (one Second)	
Water Type: Well/Groundwater		
Source Lat/Long: 333950.0 1174035.0		
Source Name: SAN JACINTO WELL - ABANDONED		
System Number: 3310012		
System Name: ELSINORE VALLEY MWD		
Organization That Operates System:		
P.O. BOX 3000		
LAKE ELSINORE, CA 92531		
Pop Served: 59200	Connections: 21140	
Area Served: LAKE ELSINORE VICINITY		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**1**

**WSW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000004631**

Districtnu:	1	Apinumber:	05901077
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Morton and Sons		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	10		
Township:	06S	Range:	08W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.66606		
Glong:	-117.701596		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Irvine	Wellnumber:	174-1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	PDH	Site id:	CAOG9A000004631

**2**

**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000006283**

Districtnu:	1	Apinumber:	05901217
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	3		
Township:	06S	Range:	08W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.677839		
Glong:	-117.696045		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Irvine Plain Core Hole	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	PDH	Site id:	CAOG9A000006283

**3**

**West**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000004709**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05901208
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	10		
Township:	06S	Range:	08W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.666811		
Glong:	-117.703444		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Irvine Corehole	Wellnumber:	19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	PDH	Site id:	CAOG9A000004709

**4**  
**South**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000003979**

Districtnu:	1	Apinumber:	05901203
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	14		
Township:	06S	Range:	08W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.656499		
Glong:	-117.692076		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	El Toro Corehole	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	PDH	Site id:	CAOG9A000003979

**5**  
**SSE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000003964**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05901074
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Morton and Sons	Fieldname:	Any Field
Countyname:	Orange	Range:	08W
Areaname:	Any Area	Elevation:	Not Reported
Section:	14		
Township:	06S		
Basemeridi:	SB	Wellnumber:	14-1
Locationde:	Not Reported	Hydraulica:	N
Glat:	33.656164	Spuddate:	30-DEC-99
Glong:	-117.684716	Redrillfoo:	Not Reported
Gissourcec:	hud	Completion:	//
Comments:	Not Reported	Site id:	CAOG9A000003964
Leasename:	El Toro Co.		
Epawell:	N		
Confidenti:	N		
Welldeptha:	Not Reported		
Abandonedd:	//		
Gissymbol:	PDH		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92630	88	0

Federal EPA Radon Zone for ORANGE County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

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Federal Area Radon Information for Zip Code: 92630

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.400 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## 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<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation 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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# **APPENDIX E**

## **PROJECT TEAM QUALIFICATIONS**



# Anna M. Scott, REA

Project Geologist

## Education

B.S., Geology, University of California,  
Riverside

## Certifications

40-Hour Health and Safety Training  
for Hazardous Waste Operation

## Registrations

Registered Environmental Assessor,  
REA 08167

## Professional Experience

Ms. Anna Scott has over 20 years of geotechnical experience and has worked on or managed a wide range of geotechnical projects throughout Southern California, including the High Desert, Inland Empire, Antelope Valley, Coachella Valley, Orange County and Bakersfield area. Her geotechnical experience has ranged from field and laboratory technician to field, staff and project geologist. Ms. Scott's responsibilities include preparation of proposals, preliminary geotechnical investigations, seismic studies, settlement monitor installation and studies, and field studies as a technician and geologist for large grading projects. Ms. Scott has performed Phase I and II ESAs for various property acquisitions and transfers in Orange, Riverside and San Bernardino Counties.

## Representative Project Experience-

- Villa Romano, Temecula, California - Project Manager. Directed a geotechnical evaluation and Phase I Environmental Site Assessment for the proposed winery.
- Riverside County, The Retreat, California – Project Manager. Directed a fault investigation for the project which included interaction with state and county agencies.
- Riverside County, California – Project Manager. Supervised rough grading operations for several projects in the County of Riverside's jurisdiction.
- Yorba Linda, Orange County, California – Project and Field Geologist. Performed rough grading operations for a residential development main thoroughfare reservoir site that included field mapping, in-grading recommendations for remedial grading and preparation of reports and geologic maps.
- Corona, Riverside County, California – Field Geologist. Performed rough grading operations for a large residential development (13 tracts), main thoroughfare, reservoir site.
- Altadena, Los Angeles County, California – Field Geologist. Performed rough grading operations for a large residential development and a reservoir site.
- Coto de Caza, Orange County, California – Onsite Field Geologist. Project included grading for proposed golf course and surrounding residential developments.

## Employment History

**GeoTek, Inc.**, Riverside-Project Geologist Feb. 2005 – Present

**GeoSoils, Inc.**, Santa Ana, Sept. 1987 – Feb. 2005



# Edward H. LaMont, CEG, PG, REA

Branch Manager

## Areas of Expertise

Grading and Earthwork Construction  
Industry Standard of Care  
Hillside, Liquefaction, Seismic Hazard,  
Fault Analyses and Forensic Studies.

## Education

Bachelor of Science in Geology, Cal  
State University, Northridge

## Registrations

Registered Geologist, PG 6025  
Certified Engineering Geologist, CEG  
1892  
Registered Environmental Assessor,  
REA I 04620

## Certifications

OSHA 40-Hr HAZWOPER Training  
OSHA 8-Hour Refresher  
First Aid/CPR

## Professional Affiliations

Association of Engineering Geologist  
South Coast Geological Society  
San Diego Association of Geologist  
Inland Geological Society  
BIA Riverside

## Professional Experience

Mr. LaMont has been involved with numerous large residential and commercial earthwork projects within the southern California area. Numerous residential and public works projects have been successfully completed in the High Desert area, including in the cities of Victorville, Hesperia, Adelanto, Palmdale and Lancaster. Multi-million cubic yard projects in Riverside County include Eagle Glen in Corona and The Retreat in south Corona/Riverside County; Projects in the Temecula area include commercial Developments for The Garrett Group, a Temecula Valley Winery, Ranch Development (Old Town Temecula) and single-family residential projects. These projects have generally included preliminary geotechnical investigations, slope stability evaluations, review and design recommendations, fault evaluations, street improvements construction and testing services, and project management.

In addition to the experience on large hillside residential developments, Mr. LaMont has performed numerous fault and landslide investigations, and performed governmental review of geotechnical reports for the County of Orange. Mr. LaMont has also completed geotechnical studies for the Riverside County Flood Control, City of Lancaster and City of Victorville.

## Representative Project Experience

Project experience has included residential tracts, for various land developers including The Garrett Group, The Focus Group, Frontier Homes; Empire Homes; D.R. Horton; Beazer Homes; Tandis Homes; Kaylind Communities; Ion Communities; Empire Land, Royal Investors Group and Heller Development. Mr. LaMont has also completed geotechnical investigations and performed project management for several residential tracts and commercial facilities within the Mountain Gate Development – Corona; Norco; Moreno Valley; Beaumont; Winchester; Murrieta; City of Riverside; Fontana; Rancho Cucamonga; Banning; San Jacinto, Temecula (PHS Building Site for The Garrett Group, Old Town for Ranch Development, etc.)

## Professional History

**Branch Manager** - Riverside GeoTek, Inc., 2004 to present

**Vice President, Principal Geologist** --GeoSoils, Inc., Santa Ana, 2003 to 2004

**Geotechnical Reviewer, Geologist.** County of Orange, 2001 to 2003.

**Project Geologist.** GeoSoils, Inc., Santa Ana, California, 1994 to 2001.

**Staff/Project Geologist** GeoSoils, Inc., Carlsbad, California, 1988-1994.