



Environment

Prepared for:
LANWest Solar Farm LLC
San Diego, California

Prepared by:
AECOM
Camarillo, California
60212653
January 2012

Phase I Environmental Site Assessment of Approximately 60 Acres of Land Located North of Old Highway 80 and West of McCain Valley Road, San Diego County, California





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Contents

1.0 Introduction.....	1-1
1.1 Purpose	1-1
1.2 Scope of Work	1-1
1.3 Study Limitations.....	1-1
1.4 Site-Related Limiting Conditions	1-2
1.5 Data Gaps/Data Failure	1-3
2.0 Site Description	2-1
2.1 Site Location and Parcel Description	2-1
2.2 Site Ownership.....	2-1
2.3 Site Visit	2-1
2.3.1 Site and Facility Description	2-1
2.3.2 Surrounding Properties.....	2-2
2.3.3 Petroleum Products and Hazardous Materials	2-2
2.3.4 Polychlorinated Biphenyls	2-2
2.3.5 Aboveground Storage Tanks (“ASTs”).....	2-2
2.3.6 Underground Storage Tanks (“USTs”).....	2-2
2.3.7 Solid Waste	2-3
2.3.8 Hazardous Waste	2-3
2.3.9 Water	2-3
2.3.10 Wastewater	2-3
2.3.11 Stormwater	2-3
2.3.12 Heating and Cooling	2-3
3.0 Environmental Setting	3-1
3.1 Topography	3-1
3.2 Soil/Geology	3-1
3.3 Groundwater/Hydrology.....	3-1
4.0 Site and Area History	4-1
4.1 Subject Property	4-1
4.2 Off-site Properties	4-1
4.3 Previously Prepared Environmental Reports.....	4-1
5.0 Database and Records Review.....	5-1

5.1	User Provided Information	5-1
5.2	Title Records/Environmental Liens	5-1
5.3	Database Information	5-1
5.3.1	Subject Property	5-1
5.3.2	Surrounding Sites	5-1
5.4	Agency File Review	5-2
5.4.1	Department of Toxic Substances Control	5-2
5.4.2	State Water Resources Control Board.....	5-2
5.4.3	United States Environmental Protection Agency.....	5-3
6.0	Findings and Opinions	6-1
6.1	Recognized Environmental Conditions	6-1
6.2	Historical Recognized Environmental Conditions.....	6-1
6.3	De Minimis Conditions	6-1
7.0	Conclusions.....	7-1
8.0	Quality Control/Quality Assurance	8-1
8.1	Site Visit, Research, and Report Preparation	8-1
8.2	Quality Control Review	8-1
8.3	Environmental Professional Statement.....	8-1
9.0	References	9-1
9.1	Persons Interviewed	9-1
9.2	Agencies Contacted/Reviewed	9-1
9.3	Documents Reviewed.....	9-1

List of Figures

Figure 1 – Site Location Map

Figure 2 – Site Plan

List of Appendices

Appendix A Representative Site Photographs

Appendix B Environmental Database Report

Appendix C Qualifications of Environmental Professionals

Executive Summary

LANWest Solar Farm LLC (“LANWest” or “Client”) contracted with AECOM to perform a Phase I Environmental Site Assessment (ESA) on approximately 60 acres of agricultural land in San Diego County, California. The subject property is bound to the south by Old Highway 80 and to the north by Interstate 8 (the “Subject Property”). According to information obtained from LANWest, the Subject Property consists of the western areas of two contiguous assessor’s parcels with APNs: 612-091-13-00 and 612-030-18-00. This Phase I ESA was performed in general conformance with the scope and limitations of ASTM Practice Designation E 1527-05 for ESAs. Exceptions to, or deletions from, this practice are described in this report.

The Subject Property is used by cattle and horses as grazing land. The remnants of what appeared to be a former onsite residence (a chimney) is located in the central portion of the Subject Property, southwest of the unpaved access road, and approximately ½ mile west of McCain Valley Road. An apparent stormwater catch basin is located east of the former residence in the southern portion of the Subject Property. With the exception of the chimney and stormwater catch basin, no other structures were observed on the Subject Property. During the site visit, no visual evidence of water wells, monitoring wells, dry wells, clarifiers, or septic systems was observed on the Subject Property. Visual evidence of discolored soil, water, or unusual vegetative conditions or odors was not observed during the site visit.

Historical research indicates that from at least 1953 (earliest historical source), the Subject Property was developed similarly, with its existing uses, as agricultural land. No historical onsite or offsite sources of concern were identified during this assessment.

The Subject Property is bound to the north by Interstate 8, beyond which is predominately vacant land; to the west by vacant land and a residential property (40760 Old Highway 80). The Subject Property is bordered to the south by a leased cabin/office (2170 McCain Valley Road), a residential property (41148 Old Highway Road) and Old Highway 80, beyond which is Caltrans Maintenance Yard (40945 Old Highway 80) and a 12.47kV switchyard. The Subject Property is bordered to the east by land comprising the balance of the same assessor’s parcels, which have the same ownership and by residences at 2167 McCain Valley Road and 2135 McCain Valley Road. AECOM did not observe gasoline service stations or dry cleaners in the immediate vicinity (e.g., 500 feet) of the Subject Property. No offsite sources of concern were identified during the course of this assessment.

Based on the above-described activities, no recognized environmental conditions (RECs), historic RECs or de minimis conditions were identified in connection with the Subject Property. No additional assessment is recommended.

1.0 Introduction

1.1 Purpose

This Phase I Environmental Site Assessment (ESA) was performed pursuant to the work order between AECOM's and the Client dated September 29, 2011 (the "Work Order"). This assessment was performed in advance of a potential real estate transaction involving the Subject Property. The purpose of this Phase I ESA is to provide the client with information for use in evaluating recognized environmental conditions (RECs) associated with the Subject Property.

A REC is defined by the ASTM as "The presence of or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies." This assessment is based on a review of existing conditions, reported pre-existing conditions, and observed operations at the Subject Property and adjacent properties.

1.2 Scope of Work

The Phase I ESA included a site visit, regulatory research, historical review, and environmental database analysis of the Subject Property. In conducting the Phase I ESA, AECOM assessed the Subject Property for visible signs of possible contamination, researched public records about the Subject Property, and conducted interviews with representatives of regulatory agencies and the current owner/operator.

This ESA was performed in general accordance with ASTM Standard Practice Designation E 1527-05 and the Work Order. Conclusions reached in this report are based upon the assessment performed and are subject limitations set forth in Sections 1.3, 1.4, and 1.5 below.

1.3 Study Limitations

This report describes the results of AECOM's Phase I ESA to identify the presence of contamination-related liabilities materially affecting the Subject Property. In the conduct of this assessment, AECOM assessed the presence of such problems within the limits of the established scope of work as described in the Work Order.

As with any due diligence assessment, there is a certain degree of dependence upon oral information provided by facility or site representatives, which is not readily verifiable through visual observations or supported by any available written documentation. AECOM shall not be held responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed by facility or site representatives at the time this assessment was performed. In addition, the findings in this report are subject to certain conditions and assumptions, which are noted in the report. Any party reviewing the findings of the report must carefully review and consider all such conditions and assumptions.

This report and all field data and notes were gathered and/or prepared by AECOM in accordance with the agreed upon scope of work and generally accepted engineering and scientific practice in effect at the time of AECOM's assessment of the Subject Property. The statements, conclusions, and opinions contained in this report are only intended to give approximations of the environmental conditions at the Subject Property.

As specified in the ASTM standard (referred to below as "This Practice"), it is incumbent that the client and any other parties who review and rely upon this report understand the following inherent conditions surrounding any Phase I ESA:

- **Uncertainty Not Eliminated** – No ESA can wholly eliminate uncertainty regarding the potential for REC in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for REC in connection with a property, and This Practice recognizes reasonable limits of time and costs. (Section 4.5.1 of the ASTM standard)
- **Not Exhaustive** – "All appropriate inquiry" does not mean an exhaustive assessment of a clean property. There is a point at which the cost of information obtained outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions. One of the purposes of this practice is to identify a balance between the competing goals of limiting the costs and time demands inherent in performing an ESA and the reduction of uncertainty about unknown conditions resulting from additional information. (Section 4.5.2 of the ASTM Standard)
- **Comparison with Subsequent Inquiry** – It should not be concluded or assumed that an inquiry was not an "all appropriate inquiry" merely because the inquiry did not identify RECs in connection with a property. ESAs must be evaluated based on the reasonableness of judgments made at the time and under the circumstances in which they were made. Subsequent ESAs should not be considered valid standards to judge the appropriateness of any prior assessment based on hindsight, new information, use of developing technology or analytical techniques, or other factors (Section 4.5.4 of the ASTM Standard).

This report was prepared pursuant to an agreement between the Client and AECOM and is for the exclusive use of the Client. No other party is entitled to rely on the conclusions, observations, specifications, or data contained herein without first obtaining the Client's written consent. The passage of time may result in changes in technology, economic conditions, site variations, or regulatory provisions, which would render the report inaccurate. Reliance on this report after the date of issuance as an accurate representation of current site conditions shall be at the user's sole risk.

1.4 Site-Related Limiting Conditions

The following site-specific limitations were encountered during the course of this assessment:

- Due to the size of the Subject Property, it was not possible to traverse all areas of the Subject Property during the site reconnaissance. The site visit methodology consisted of driving the south, east, and north perimeters of the Subject Property (bound to the south by Old Highway 80, to the east by McCain Valley Road, and to the north by Interstate 8, respectively), driving the unpaved access road traversing through the central portion of the Subject Property, and walking interior portions of the Subject Property, observing possible storage areas, infrastructure, or buildings, and portions of the surrounding area. During the site visit, AECOM

was met on-site by Mr. Gordan Dawson, ranch manager for the Subject Property. Mr. Dawson provided information on the historical and current uses of the Subject Property. Based on information obtained from Mr. Dawson about the historical and current uses of the Subject Property prior to AECOM's site visit of the Subject Property, this site-specific limitation is not expected to affect the results of this assessment.

1.5 Data Gaps/Data Failure

The following data failure/data gaps were encountered during the course of this assessment:

- An environmental lien search was not conducted as part of this ESA. However, AECOM was provided with a preliminary title report by First American Title Company dated as of November 4, 2010. According to AECOM's review of the report, no environmental liens were identified in association with the Subject Property. In addition, the user did not identify any liens associated with the Subject Property.
- A limitation was encountered in determining the historical use of the Subject Property. The earliest source of historical information ascertained, and from which usage could be determined, was an aerial photograph dated 1953. At the time of the photograph, the Subject Property use appeared to be similar to its present land uses, which is predominantly rural residential/ agricultural land. Therefore, the ASTM E1527 requirement to determine all obvious uses of the property from the present back to the property's first obvious developed use, or back to 1940, whichever is earlier, could not be unequivocally achieved. However, based upon the identified use (rural residential/ agricultural land); it is unlikely that there had been significant prior development; therefore, this limitation does not represent a data failure and as a result does not affect the results of this assessment.
- Per ASTM, interviews of past owners, operators, and occupants of the Subject Property, who are likely to have material information regarding the potential for contamination at the Subject Property, shall be conducted to the extent that they can be identified and that the information likely to be obtained is not duplicative of information already obtained from other sources. AECOM obtained historical information about the Subject Property from the current site contact(s), and sources listed in Section 9. Based on the information obtained, the data gap between the data sources and all past owners, occupants, and occupants of the Subject Property does not represent a data failure and as a result does not affect the results of this assessment.

2.0 Site Description

2.1 Site Location and Parcel Description

The Subject Property consists of approximately 60 acres of agricultural land in San Diego County, California. In general, the Subject Property is bound to the south by Old Highway 80 and to the north by Interstate 8. The Subject Property is approximately ½-mile west of McCain Valley Road and is bordered to the east by vacant land and a residential property (40760 Old Highway 80). The approximate location of the Subject Property is illustrated on Figure 1 - Site Location Map.

According to information obtained from the Client, the Subject Property consists of the western areas of each of two contiguous assessor's parcels with APNs: 612-091-13-00 and 612-030-18-00

2.2 Site Ownership

According to the San Diego County Assessor, the Subject Property parcels (APNs: 612-091-13-00 and 612-030-18-00) are owned by Landsing Industries Inc. of 5415 Overland Drive, San Diego, California 92121.

2.3 Site Visit

Ms. Kirsten Bradford with AECOM's Camarillo, California and Ms. Sheryll Del Rosario with AECOM's San Diego, California office visited the Subject Property on October 17, 2011. During the site visit, Ms. Bradford and Ms. Del Rosario were met onsite by Mr. Gordan Dawson, ranch manager for the Subject Property. Mr. Dawson provided information on the historical and current uses of the Subject Property.

The site visit methodology consisted of driving the south, east, and north perimeters of the Subject Property (bound to the south by Old Highway 80, to the east by McCain Valley Road, and to the north by Interstate 8, respectively), driving the unpaved access road traversing through the central portion of the Subject Property, and walking interior portions of the Subject Property, observing possible storage areas, infrastructure, or buildings, and portions of the surrounding area. The following sections summarize the results of the site visit.

2.3.1 Site and Facility Description

The Subject Property consists of approximately 60 acres of agricultural land. At the time of the site visit, the Subject Property was used by cattle and horses as grazing land.

The Subject Property is generally flat in the central and southwestern low-lying areas and hilly in the northern portion. Remnants of a chimney were located in the central portion of the Subject Property, southwest of the unpaved access road, and approximately ½ mile west of McCain Valley Road. An apparent stormwater catch basin was also located east of the chimney, also located in the southern portion of the Subject Property, south of the unpaved access road, and approximately ½ mile west of McCain Valley Road.

During the site visit, no visual evidence of water wells, monitoring wells, dry wells, clarifiers, or septic systems was observed on the Subject Property. Visual evidence of discolored soil, water, or unusual vegetative conditions or odors was not observed during the site visit. The general layout of the Subject Property is illustrated on Figure 2 - Site Plan and Representative Site Photographs are provided in Appendix A.

2.3.2 Surrounding Properties

The Subject Property is bound to the north by Interstate 8, beyond which is predominately vacant land; to the west by vacant land and a residential property (40760 Old Highway 80); to the south by Old Highway 80; and to the east by the balance of the same assessor's parcels. Adjacent uses to the south include a leased cabin/office (2170 McCain Valley Road), a residential property (41148 Old Highway Road) and, beyond Old Highway 80, a Caltrans Maintenance Yard (40945 Old Highway 80) (see Section 5.4.2) and a 12.47kV switchyard; and to the east by residential/ agricultural land (2167 McCain Valley Road and 2135 McCain Valley Road, respectively).

AECOM did not observe gasoline service stations or dry cleaners in the immediate vicinity (e.g., 500 feet) of the Subject Property. In addition, no sensitive receptors (i.e. day care centers, schools, hospitals, water bodies) were identified adjacent to or in the immediate vicinity of the Subject Property. Based on AECOM site reconnaissance of the surrounding area, no off-site sources of concern were identified.

2.3.3 Petroleum Products and Hazardous Materials

No petroleum products or hazardous materials were observed at the Subject Property during AECOM's site visit, or reported by Mr. Dawson to be stored at the Subject Property.

2.3.4 Polychlorinated Biphenyls

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

During the site visit, several utility-owned pole-mounted transformers were observed throughout the surrounding area. The transformers are owned by, and are the responsibility of, San Diego Gas and Electric (SDG&E). No markings were observed on the transformers indicating PCB content; however, no oil staining was observed at the base of the transformer units or around the base of the poles. Additionally, AECOM understands that releases or staining issues (if any) would be the responsibility of the utility owner (SDG&E).

No other hydraulic equipment (e.g., pad-mounted transformers, trash compactors, lifts) was observed on the Subject Property, or reported by Mr. Dawson to be located at the Subject Property.

2.3.5 Aboveground Storage Tanks ("ASTs")

No ASTs were observed during AECOM's site visit or reported by Mr. Dawson to be located at the Subject Property. In addition, no ASTs were listed for the Subject Property in the site-specific environmental database report reviewed by AECOM.

2.3.6 Underground Storage Tanks ("USTs")

No visual evidence of USTs (e.g., vent pipes, fill ports) was observed during the site visit, or reported by Mr. Dawson to be located at the Subject Property. In addition, no USTs were listed for the Subject Property in the site-specific environmental database report reviewed by AECOM.

2.3.7 Solid Waste

No trash cans, dumpsters, or disposal areas were observed by AECOM during the site visit. No evidence of inappropriate disposal activities and no significant staining were observed by AECOM during the site visit.

2.3.8 Hazardous Waste

No evidence of hazardous waste storage or generation was observed at the Subject Property, or reported by Mr. Dawson to be generated at the Subject Property.

2.3.9 Water

No water wells were observed at the Subject Property, or were reported by Mr. Dawson to be located at the Subject Property. According to Mr. Dawson, three water wells are located in the area of the Subject Property, one located adjacent to the south of the Subject Property (adjacent to the south of the access road), one in association with the leased cabin/office (2170 McCain Valley Road), and one in association with the residential property (2167 McCain Valley Road).

2.3.10 Wastewater

No septic systems were observed at the Subject Property, or were reported by Mr. Dawson to be located at the Subject Property.

2.3.11 Stormwater

Based on AECOM's site visit observations, stormwater from the Subject Property appears to infiltrate into site soils or drain via sheet flow to the low-lying central portions of the Subject Property. The Subject Property is not connected to a municipal stormwater sewer system.

2.3.12 Heating and Cooling

According to Mr. Dawson, no heating oil tanks are known to have been historically or currently located at the Subject Property.

3.0 Environmental Setting

3.1 Topography

According to the United States Geological Survey topographic map of the Subject Property area (Campo and Live Oaks Springs quadrangles) the elevation of the Subject Property ranges from approximately 3,280 to 3,360 feet above mean sea level. Based on a review of the topographic map and AECOM's site visit, the Subject Property is generally flat in the central and southern low-lying areas and hilly in the northern portion with an overall downward slope toward the east-southeast.

3.2 Soil/Geology

Site-specific geologic information was not identified during the course of this assessment. According to the environmental database search report, the Subject Property is underlain with soil classified as La Posta (loamy coarse sand); Mottsville (loamy coarse sand); Tollhouse (gravelly coarse sandy loam); and Loamy Alluvial Sand (silt loam). The La Posta soils are reported to have moderate infiltration rates (Class B) that are somewhat excessively drained and are not hydric (not supporting wetlands). The Mottsville soils are reported to have high infiltration rates (Class A) that are well to excessively drained sands and gravel. These soils are also not hydric (not supporting wetlands). The Tollhouse soils are reported to have very slow infiltration rates (Class D) that have a high water table that are somewhat excessively drained. These soils are also not hydric (not supporting wetlands). The Loamy Alluvial Sand are reported to have slow infiltration rates (Class C) with layers impeding downward movement of water or soils and are somewhat poorly drained. These soils are partially hydric (supporting wetlands).

According to geologic information provided in the environmental database report, the bedrock geology of the Subject Property is of the Mesozoic Era, Cretaceous System, and Cretaceous granite rocks Series.

3.3 Groundwater/Hydrology

Site-specific hydrologic information was not identified during the course of this assessment. Based on the topographic gradient in the area of the Subject Property, the groundwater flow beneath the Subject Property and in the surrounding area is anticipated to flow southeasterly. Based on information provided in Section 5.4.2, AECOM anticipates that groundwater in the area of the Subject Property is likely to be encountered at a depth approximately 20 feet bgs. According to information provided in the most recent quarterly groundwater monitoring report (Kleinfelder, July 2011), located on GeoTracker, groundwater flow was calculated to flow toward the west-southwest (from a site located adjacent to the south of the Subject Property, across Old Highway 80) at an approximately gradient of 0.02 foot per foot. However, the actual groundwater flow direction and groundwater depth beneath the Subject Property cannot be accurately determined without site-specific groundwater monitoring well data.

4.0 Site and Area History

Historical information for the Subject Property and surrounding sites is based on AECOM's review and analysis of the following historical sources:

- Aerial photographs dated 1953, 1975, 1989, 1994, and 2005.
- Topographic maps dated 1959, 1975, and 1991.
- Interviews with the site contact(s).

According to Environmental Data Resources (EDR) Sanborn® Fire Insurance map coverage is not available for the area of the Subject Property.

4.1 Subject Property

Historical research indicates that in at least 1953 (earliest historical source), the Subject Property was developed similarly, with its existing uses, as agricultural land.

The 1959 and 1975 topographic maps were reviewed. One residential-sized structure was identified to be located within the central portion of the Subject Property, southwest of the existing unpaved access road. The remnant of the chimney structure discussed in Section 2.3 may have belonged to this residential-sized structure; however, this was not confirmed by Mr. Dawson. The 1991 topographic map no longer displays the one residential-sized structure located within the central portion of the Subject Property, southwest of the existing unpaved access road.

The 1953 and 1975 aerials appeared to display one residential-sized structure located within the central portion of the Subject Property, in the area of the chimney structure. The one residential-sized structure located within the south central portion of the Subject Property, in the area of the chimney structure, no longer appeared present in the 1989 aerial photograph. The Subject Property in the 1994 and 2005 aerial photograph appeared similarly as it appeared at the time of AECOM's site visit.

4.2 Off-site Properties

Historical research indicates that the surrounding sites appeared developed similarly, with their existing uses, including predominately as rural residential/ agricultural land. No historical off-site sources of concern were identified.

4.3 Previously Prepared Environmental Reports

Previously prepared environmental reports (e.g., previously prepared Phase I ESAs) were not identified and/or provided for AECOM's review during the course of this assessment.

5.0 Database and Records Review

5.1 User Provided Information

Mr. Brison R. Ellinghaus, on behalf of LANWest, provided AECOM with a completed ASTM 1527-05 User Questionnaire, which summarized LANWest's knowledge of title records, environmental liens, specialized knowledge, and/or real estate value reduction issues associated with the Subject Property. Mr. Ellinghaus was not aware of environmental liens or activity use limitations having been placed on the Subject Property. Mr. Ellinghaus stated that he did not have specialized knowledge or experience that is material to environmental concerns in connection with the Subject Property. According to Mr. Ellinghaus, the purchase price of the Subject Property reflects its fair market value.

5.2 Title Records/Environmental Liens

An environmental lien search was not performed as part of this assessment. However, AECOM was provided with a preliminary title report by First American Title Company dated as of November 4, 2010. According to AECOM's review of the report, no environmental liens were identified in association with the Subject Property. In addition, the user did not identify any liens associated with the Subject Property.

5.3 Database Information

In accordance with the scope of work and ASTM Standard E-1527-05, a search of various governmental databases was conducted by EDR. The site-specific environmental database report prepared by EDR was reviewed to determine the potential for environmental impacts to the Subject Property from on-site and/or off-site sources of concern. The database abbreviations are provided in the site-specific environmental database report.

The database report includes database information for each of the sites identified/geocoded within the specified radius. Additional sites with recognized environmental risks were identified, but AECOM was not able to map them to specific locations due to insufficient/ contradicting address information. These sites were included in the database report as "orphan" sites. Based upon AECOM's review, there does not appear to be significant concerns associated with the orphan sites, identified greater than 500 feet from the Subject Property, accept for one of the orphan sites, identified as CalTrans /Boulevard (40945 Old Highway 80) (see discussion below) . A summary of AECOM's review and analysis of the site-specific environmental database report is presented below. A copy of the database report is provided in Appendix B.

Based on AECOM's research, the Subject Property is not located on or within a 1-mile radius of tribal lands.

5.3.1 Subject Property

The Subject Property was not identified in the site-specific environmental database report.

5.3.2 Surrounding Sites

According to the site-specific environmental database report, there are three sites identified within their respective ASTM search distances from the Subject Property. Based on AECOM's review of these database listings, these sites are not expected to present a REC to the Subject Property based

on their distance from the Subject Property (i.e., approximately ¼ mile), regulatory status (i.e., closed, no violations found, soils only), and/or nature of the database listing (non-contamination related). Due to its proximity to the Subject Property, the following site is discussed in additional detail:

- CalTrans /Boulevard (40945 Old Highway 80) was identified as an open - remediation LUST/ San Diego County Site Assessment and Mitigation Program (SAM) site/ Cortese, a SWF/LF site, and a RCRA-SQG site. The site is located adjacent to, and topographically cross-gradient to, the southwestern corner of the Subject Property, across Old Highway 80. No violations are reported regarding its generator status. The site is identified as a Limited Volume Transfer Operation that is inspected quarterly. The site reportedly accepts approximately 15 tons per day of mixed municipal waste (e.g., tires, wood). See Section 5.4.2 below for a detailed discussion of the assessment and remediation of this site.

5.4 Agency File Review

5.4.1 Department of Toxic Substances Control

AECOM searched the Department of Toxic Substances Control (DTSC) online EnviroStor database for California Cleanup Sites involving the DTSC. The EnviroStor database consists of federal National Priorities List (NPL) sites, state response sites, voluntary cleanup sites, and school cleanup sites. No records were found for the Subject Property.

5.4.2 State Water Resources Control Board

AECOM conducted a records search of the Subject Property on the California Environmental Protection Agency's State Water Resources Control Board online GeoTracker database. The GeoTracker database regards contaminated property investigations consisting of Leaking Underground Fuel Tank, Spills, Leaks, Investigations, and Cleanups, Land Disposal, Department of Defense (non-underground storage tanks), Wells, and Underground Storage Tank sites at properties throughout California. No records were found for the Subject Property.

Caltrans Maintenance Yard

The Caltrans Maintenance Yard located on (40945 Old Highway 80) was identified as an open - remediation LUST/ San Diego County Site Assessment and Mitigation Program (SAM) site/ Cortese, a SWF/LF site, and a RCRA-SQG site. The site is located adjacent to, and topographically cross-gradient to, the southwestern corner of the Subject Property, across Old Highway 80. No violations are reported regarding its generator status. The site is identified as a Limited Volume Transfer Operation that is inspected quarterly. The site reportedly accepts approximately 15 tons per day of mixed municipal waste (e.g., tires, wood). The site has an open - remediation case status. According to information provided on GeoTracker, three USTs (installed circa 1961) were removed on July 19, 1996, including two diesel 1,000-gallon USTs and one gasoline 3,000-gallon UST. During removal of the USTs, the local regulatory oversight agency, the SDCDEH Inspector, noted that each of the USTs exhibited heavy corrosion; however, no holes were noted. Discoloration of native formation was observed beneath one of the USTs and in the dispenser area. Odors were noted as emanating from the bottom of the excavation. Analytical results for soil samples collected during the UST removals indicated concentrations of petroleum hydrocarbons at 11,000 milligrams per kilogram (mg/kg). The SDCDEH opened an unauthorized release case on July 26, 1996. A groundwater monitoring well was installed through the base of the former UST excavation in July 1997. Groundwater was

encountered at a depth approximately 27 feet bgs. Information as to whether groundwater beneath the site had been impacted was necessary to assess a potential threat to an on-site drinking water supply well (located approximately 100 feet to the south of the Subject Property, and Old Highway 80). Subsequent groundwater sampling indicated that groundwater was impacted beneath the former UST excavation, primarily by gasoline, diesel, benzene, and MTBE; however, the on-site drinking water supply well was not impacted.

Additional site investigation activities were performed in January 1999, September 2000, August 2001, and April 2004. Nineteen borings were drilled and sampled and eight groundwater monitoring wells were installed. The maximum depth of investigation was approximately 45 feet bgs. Boring logs indicate sandy fill material underlies the site, which is underlain by weathered granitic rock. Quarterly groundwater monitoring and sampling of the monitoring wells and the on-site drinking water well (screened at a deeper interval at approximately 200 feet bgs, deeper than the petroleum hydrocarbon impacted groundwater beneath the site) has been conducted through the present.

According to information provided in the most recent quarterly groundwater monitoring report (Kleinfelder, July 2011), located on GeoTracker, groundwater flow was calculated to flow toward the west-southwest (away from the Subject Property) at an approximately gradient of 0.02 foot per foot. The maximum detected concentration in groundwater samples collected in 2Q11 of petroleum hydrocarbons as gasoline was 22,000 micrograms per liter ($\mu\text{g/l}$); of petroleum hydrocarbons as diesel was 8,400 $\mu\text{g/l}$, of benzene was 3,600 $\mu\text{g/l}$, of toluene was 99 $\mu\text{g/l}$, of ethylbenzene was 130 $\mu\text{g/l}$, of xylenes was 1,800 $\mu\text{g/l}$, and of tertbutanol was 68 $\mu\text{g/l}$ (in MW-7) and of MTBE was 110 $\mu\text{g/l}$ (in MW-3).

A Corrective Action Plan (CAP) was submitted to SDCDEH in July 2005 that recommended using soil vapor extraction with air sparging to remediate impacted soil and groundwater beneath the site. Subsequent to the CAP submittal, water level elevations increased beneath the site. A CAP Addendum was submitted in November 2006. Final approval of the CAP/CAP Addendum was issued in March 2007. The site remediation system was installed in 2009 and has been operating periodically since February 2010, and includes four soil vapor extraction wells and ten air sparge wells.

According to the most recent groundwater monitoring data for this site (July 2011), the groundwater flow direction beneath this site is to the west-southwest (cross- gradient of the Subject Property). No gasoline released compounds were identified in groundwater in the immediate vicinity of the Subject Property. Based on this information, the CalTrans Maintenance Yard site is not considered a REC.

5.4.3 United States Environmental Protection Agency

AECOM searched the U.S. Environmental Protection Agency's (EPA's) CERCLIS, online database. The CERCLIS database consists of sites being assessed under the Superfund program (NPL sites), hazardous waste sites, and potential hazardous waste sites. No records were found for the Subject Property.

6.0 Findings and Opinions

AECOM performed a Phase I ESA of the Subject Property in conformance with the scope and limitations of ASTM Practice E 1527-05, which meets the requirements of Title 40, Code of Federal Regulations Part 312 and is intended to constitute *all appropriate inquiry* for purposes of the landowner liability protections. Any exceptions to, or deletions from, this practice are described in Section 1.3 through 1.5 of this report.

6.1 Recognized Environmental Conditions

Based on the above-described activities, no RECs were identified in connection with the Subject Property.

6.2 Historical Recognized Environmental Conditions

Based on the above-described activities, no historic RECs were identified in connection with the Subject Property.

6.3 De Minimis Conditions

Based on the above-described activities, no de minimis conditions were identified in connection with the Subject Property.

7.0 Conclusions

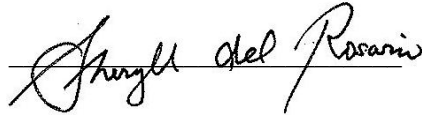
AECOM has performed a Phase I ESA of the approximately 60 acres of agricultural land bound to the south by Old Highway 80, and to the north by Interstate 8, on the west by the property line and on the east by physically described boundary, in San Diego County, California, in conformance with the scope and limitations of ASTM Practice E 1527-05. Any exception to, or deletions from, this practice are described in Sections 1.3 through 1.5 of this report. This assessment has revealed no evidence of RECs in connection with the Subject Property and AECOM has made no recommendations.

8.0 Quality Control/Quality Assurance

8.1 Site Visit, Research, and Report Preparation

The site visit, research, and report preparation were conducted by Ms. Sheryll DelRosario, in AECOM's San Diego, California, office.

Signature:



8.2 Quality Control Review

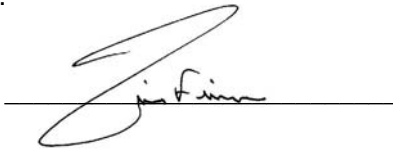
A first level review of this report was conducted by Ms. Kirsten Bradford of AECOM's Camarillo, California.

Signature:



A second level review of this report was conducted by Mr. Jim Fickerson, in AECOM's Camarillo, California, office.

Signature:



8.3 Environmental Professional Statement

Ms. Kirsten Bradford was the Environmental Professional (EP) for this project. Ms. Bradford's EP statement is below and her resume is provided in Appendix C.

I declare that, to the best of our professional knowledge and belief, I meet the definition of an EP as defined in §312.10 of 40 Code of Federal Regulations (CFR) and that I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Signature:



Date: January 4, 2012

9.0 References

9.1 Persons Interviewed

Mr. Gordan Dawson (site contact), ranch manager, (619) 540-5533, gordyd3@aol.com

9.2 Agencies Contacted/Reviewed

Department of Toxic Substances Control (DTSC). EnviroStor online database search conducted at <http://www.envirostor.dtsc.ca.gov/public/>

San Diego County. <http://sdpublic.sdcountry.ca.gov/>, Public Information Line, (619)236-3771.

State Water Resources Control Board (SWRCB). GeoTracker online document search conducted at <http://geotracker.swrcb.ca.gov/>

United States Department of Agriculture's Natural Resources Conservation Services Web Soil Survey at <http://websoilsurvey.nrcs.usda.gov/app>

United States Environmental Protection Agency (EPA). CERCLIS online database search conducted at <http://cfpub1.epa.gov/supercpad/cursites/srchsites.cfm>.

9.3 Documents Reviewed

The EDR Aerial Photo Decade Package, LANwest, Boulevard, CA 91905, dated October 17, 2011, Inquiry number 03188188.4. Aerial photographs dated 1953, 1975, 1989, 1994, and 2005. Report prepared by Environmental Data Resources, 440 Wheelers Farms Road, Milford, and Connecticut 06461, (800) 353-0050.

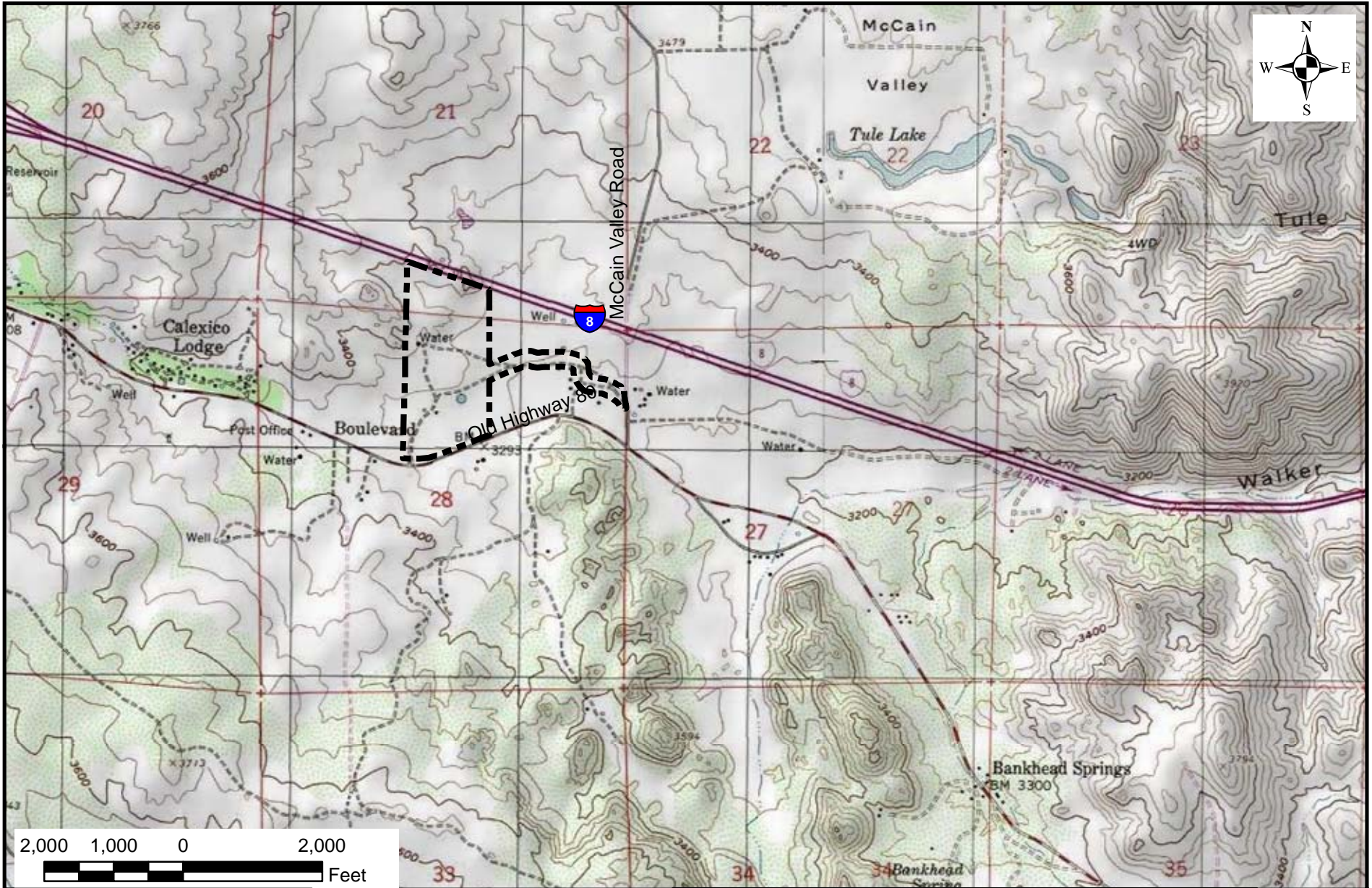
The EDR Radius Map™ Report with GeoCheck®, LANwest, Boulevard, CA 91905, dated October 17, 2011, Inquiry number 03188188.2r. Report prepared by Environmental Data Resources, 440 Wheelers Farms Road, Milford, Connecticut 06461, (800) 353-0050.

EDR Historical Topographic Map Report, LANwest, Boulevard, CA 91905, dated October 17, 2011, Inquiry number 03188188.3. Topographic maps dated 1959, 1975, and 1991. Report prepared by Environmental Data Resources, 440 Wheelers Farms Road, Milford, and Connecticut 06461, (800) 353-0050.

First American Title Company, including for the Subject Property, dated as of November 4, 2010.

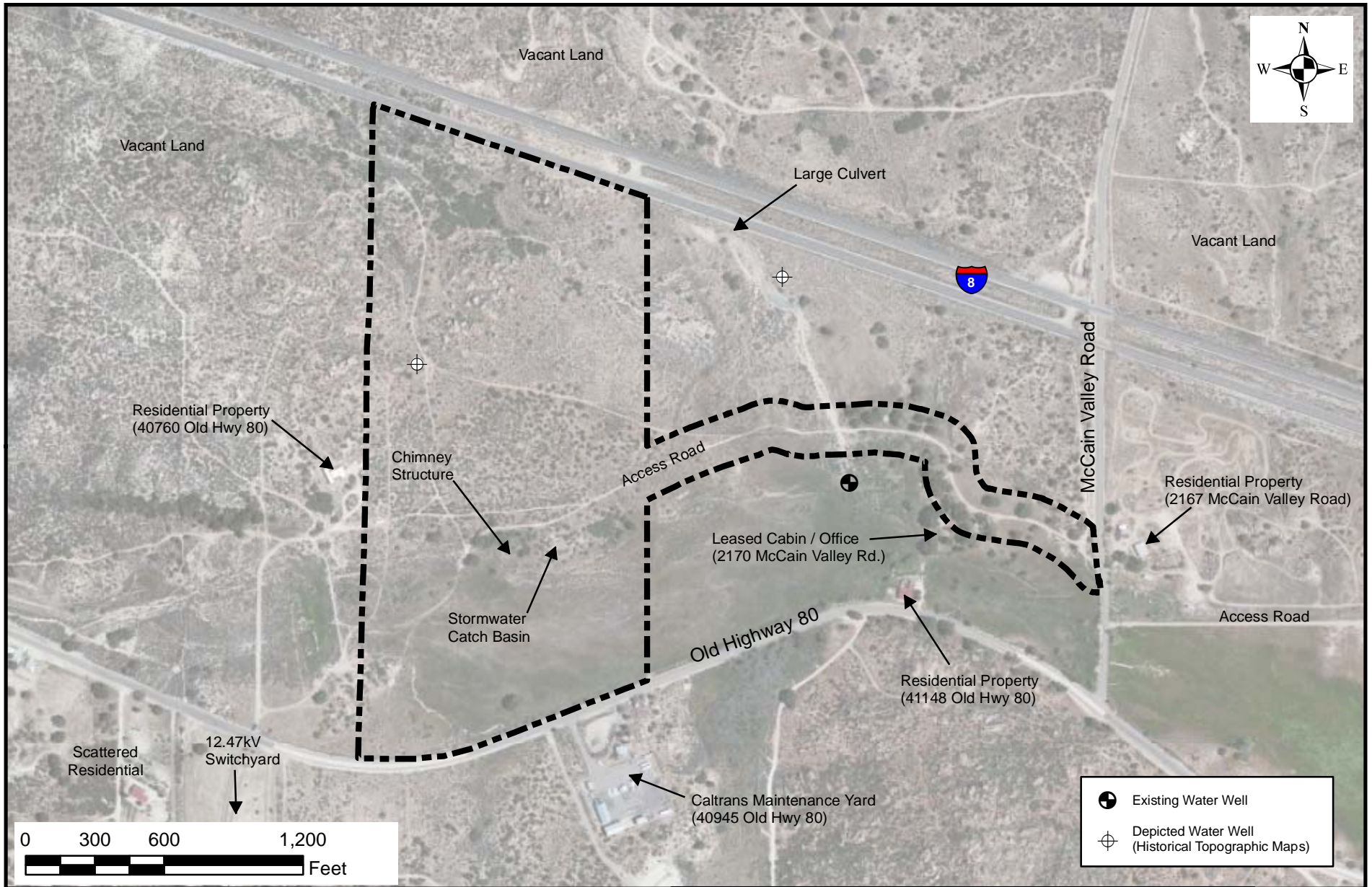
Second Quarter 2011, Groundwater Sampling Report, Boulevard Maintenance Yard, 40945 Old Highway 80, Boulevard, California, Unauthorized Release No. H00149-001, dated July 13, 2011, prepared by Kleinfelder.

Figures



AECOM
 1220 AVENIDA ACASO
 CAMARILLO, CALIFORNIA 93012
 PHONE: 805.388.3775
 FAX: 805.388.3577
 WEB: [HTTP://WWW.AECOM.COM](http://www.aecom.com)

SITE LOCATION MAP			FIGURE NUMBER:
LANwest Site LANWest Solar Farm LLC San Diego County, CA			1
DRAWN BY:	DATE:	PROJECT NUMBER:	SHEET NUMBER:
M. Scop	1/25/2012	60212653	1 of 1





AECOM
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 FAX: 805.388.3577
 WEB: [HTTP://WWW.AECOM.COM](http://www.aecom.com)

SITE PLAN			FIGURE NUMBER:
LANwest Site LANWest Solar Farm LLC San Diego County, CA			2
DRAWN BY:	DATE:	PROJECT NUMBER:	SHEET NUMBER:
M. Scop	1/25/2012	60212653	1 of 1

Appendix A

Representative Site Photographs

PHOTOGRAPHIC LOG

Client Name: LANWest Solar Farm Solar Farm LLC		Site Location: LANWest Solar Farm Site San Diego County, California	Project No. 60212653
Photo No. 1	Date: 10/17/11		
Direction Photo Taken: North			
Description: View of the remnants of the chimney structure located at the central portion of the subject property southwest of the unpaved access road, and approximately 0.5 mile west of McCain Valley Road.			
Photo No. 2	Date: 10/17/11		
Direction Photo Taken: Northwest			
Description: View of the remnants of a structure adjacent to the chimney structure located at the central portion of the subject property southwest of the unpaved access road, and approximately 0.5 mile west of McCain Valley Road.			

PHOTOGRAPHIC LOG

Client Name: LANWest Solar Farm LLC	Site Location: LANWest Solar Farm Site San Diego County, California	Project No. 60212653
--	--	-----------------------------

Photo No. 3	Date: 10/17/11
Direction Photo Taken: South	



Description:

View of the apparent stormwater catch basin located east of the chimney remnant, at the central portion of the subject property southwest of the unpaved access road, and approximately 0.5 mile west of McCain Valley Road.

Photo No. 4	Date: 10/17/11
Direction Photo Taken: West	



Description:

View of the western boundary of the subject property.

The residential property located at 40760 Old Highway 80 is visible in the background.

PHOTOGRAPHIC LOG

Client Name: LANWest Solar Farm LLC	Site Location: LANWest Solar Farm Site San Diego County, California	Project No. 60212653
--	---	--------------------------------

Photo No. 5	Date: 10/17/11
Direction Photo Taken: South	



Description:

View of the central portion of the subject property, adjacent to the chimney structure looking towards the southern boundary of the subject property.

Old Highway 80 and the Caltrans Maintenance Yard (40945 Old Highway 80) is visible in the background.

Photo No. 6	Date: 10/17/11
Direction Photo Taken: North	



Description:

View of the southern boundary of the subject property towards Old Highway 80.

The 12.47kV switchyard located southwest of the subject property, across Old Highway 80, is visible in the background.

Appendix B

Environmental Database Report

LANwest

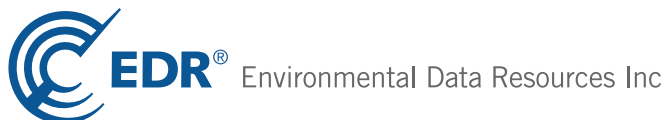
LANwest

Boulevard, CA 91905

Inquiry Number: 03188188.2r

October 17, 2011

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	15
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-11
Physical Setting Source Map Findings	A-13
Physical Setting Source Records Searched	A-16

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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

LANWEST
BOULEVARD, CA 91905

COORDINATES

Latitude (North): 32.666600 - 32° 39' 59.8"
Longitude (West): 116.267600 - 116° 16' 3.4"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 568676.2
UTM Y (Meters): 3614374.0
Elevation: 3320 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 32116-F3 LIVE OAK SPRINGS, CA
Most Recent Revision: 1975

East Map: 32116-F2 JACUMBA, CA
Most Recent Revision: 1975

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2005
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

NPL..... National Priority List

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - 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

EXECUTIVE SUMMARY

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

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
San Diego Co. HMMD..... Hazardous Materials Management Division Database
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
LUCIS..... Land Use Control Information System
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

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators

EXECUTIVE SUMMARY

DOT OPS.....	Incident and Accident Data
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
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
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN.....	Bond Expenditure Plan
WDS.....	Waste Discharge System
NPDES.....	NPDES Permits Listing
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
Notify 65.....	Proposition 65 Records
DRYCLEANERS.....	Cleaner Facilities
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
PROC.....	Certified Processors Database
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
HWP.....	EnviroStor Permitted Facilities Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
MWMP.....	Medical Waste Management Program Listing
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
HWT.....	Registered Hazardous Waste Transporter Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants.....	EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations.....	EDR Proprietary Historic Gas Stations
EDR Historical Cleaners.....	EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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 06/15/2011 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CALTRANS BOULEVARD MAINT STA	OLD HIGHWAY 80	0 - 1/8 (0.000 mi.)	A1	8
BOULEVARD TRANSFER STATION	41097 OLD HWY EIGHTY	SW 0 - 1/8 (0.080 mi.)	4	12

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

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

A review of the SWF/LF list, as provided by EDR, and dated 08/22/2011 has revealed that there are 2 SWF/LF 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>
CAL TRANS YARD	40945 OLD 80	SSE 0 - 1/8 (0.002 mi.)	A2	9
BOULEVARD TRANSFER STATION	41097 OLD HWY EIGHTY	SW 0 - 1/8 (0.080 mi.)	4	12

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 08/09/2011 has revealed that there is 1 LUST 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>
CALTRANS/BOULEVARD	40945 OLD HY 80	E 0 - 1/8 (0.023 mi.)	3	10
Status: Open - Remediation				

EXECUTIVE SUMMARY

SAN DIEGO CO. SAM: 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.

A review of the SAN DIEGO CO. SAM list, as provided by EDR, and dated 03/23/2010 has revealed that there are 2 SAN DIEGO CO. SAM sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WILLIAM LEE	40601 OLD HY 80	W 1/4 - 1/2 (0.267 mi.)	5	14

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CALTRANS/BOULEVARD</i>	<i>40945 OLD HY 80</i>	<i>E 0 - 1/8 (0.023 mi.)</i>	<i>3</i>	<i>10</i>

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTITES].

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

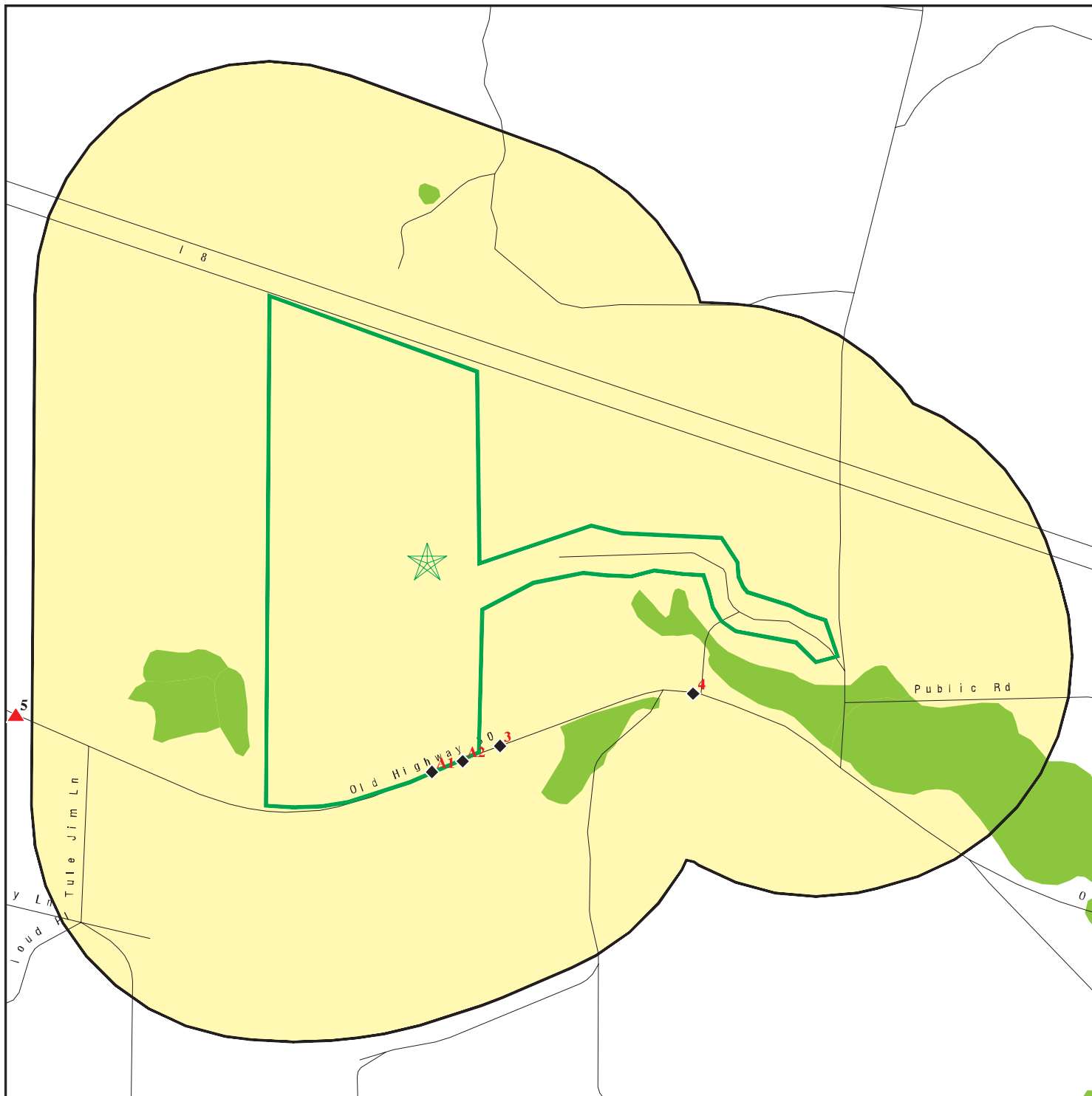
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CAL TRANS YARD</i>	<i>40945 OLD 80</i>	<i>SSE 0 - 1/8 (0.002 mi.)</i>	<i>A2</i>	<i>9</i>








EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

<u>Site Name</u>	<u>Database(s)</u>
MOUNTAIN TOP MARKET	HIST CORTESE
JACUMBA HOTEL APN#660-110-4	SWEEPS UST
NOLTA APN#660-040-11	SWEEPS UST
E HAEGELE-APN#660-110-7	SWEEPS UST
PACIFIC BELL JCMBCA11/DD127	SWEEPS UST
CALTRANS/BOULEVARD	AST, San Diego Co. HMMD
JACUMBA I & II	SLIC
JACUMBA I & II	SAN DIEGO CO. SAM

DETAIL MAP - 03188188.2r



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

-  0 1/8 1/4 1/2 Miles
-  Indian Reservations BIA
-  Areas of Concern
-  Oil & Gas pipelines from USGS
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory

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: LANwest
 ADDRESS: LANwest
 Boulevard CA 91905
 LAT/LONG: 32.6666 / 116.2676

CLIENT: AECOM
 CONTACT: Kirsten Bradford
 INQUIRY #: 03188188.2r
 DATE: October 17, 2011 12:40 pm

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SAN DIEGO CO. SAM		0.500	1	0	1	NR	NR	2
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
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
State and tribal voluntary cleanup sites								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
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
Local Lists of Hazardous waste / Contaminated Sites								
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
San Diego Co. HMMD	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
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
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS		TP	NR	NR	NR	NR	NR	0
LDS		TP	NR	NR	NR	NR	NR	0
MCS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
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
CA BOND EXP. PLAN		1.000	0	0	0	0	NR	0
WDS		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	1	0	0	NR	NR	1
Notify 65		1.000	0	0	0	0	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
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
PROC		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
HWP		1.000	0	0	0	0	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
MWMP		0.250	0	0	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
HWT		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	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

A1

**CALTRANS BOULEVARD MAINT STA
OLD HIGHWAY 80
BOULEVARD, CA 91905**

RCRA-SQG

1000419445
CAD982520017

< 1/8
1 ft.

Site 1 of 2 in cluster A

Relative:
Lower

RCRA-SQG:

Actual:
3300 ft.

Date form received by agency: 04/26/1989
Facility name: CALTRANS BOULEVARD MAINT STA
Facility address: OLD HIGHWAY 80
BOULEVARD, CA 91905
EPA ID: CAD982520017
Mailing address: P O BOX 1178
BOULEVARD, CA 92006
Contact: ENVIRONMENTAL MANAGER
Contact address: OLD HIGHWAY 80
BOULEVARD, CA 92006
Contact country: US
Contact telephone: (619) 766-4348
Contact email: Not reported
EPA Region: 09
Land type: Other land type
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: CALTRANS
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CALTRANS BOULEVARD MAINT STA (Continued)

1000419445

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 01/15/2004
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State Contractor/Grantee

A2
SSE
 < 1/8
 0.002 mi.
 9 ft.

CAL TRANS YARD
40945 OLD 80
BOULEVARD, CA 91905
Site 2 of 2 in cluster A

SWF/LF **S105022885**
HIST CORTESE **N/A**

Relative:
Lower

SWF/LF (SWIS):
 Region: STATE
 Facility ID: 37-AA-0978
 Lat/Long: 32.6632200 / -116.26738
 Owner Name: Caltrans
 Owner Telephone: 6196883329
 Owner Address: Terry Kloepfer
 Owner Address2: 4050 Taylor St.
 Owner City,St,Zip: San Diego, CA 92110
 Operator: Caltrans Region 1
 Operator Phone: 6195963212
 Operator Address: Terry Kloepfer
 Operator Address2: 8502 Railroad Ave.
 Operator City,St,Zip: Santee, CA 92071
 Operator's Status: Active
 Permit Date: 05/18/2011
 Permit Status: Notification
 Permitted Acreage: 1
 Activity: Limited Volume Transfer Operation
 Regulation Status: Notification
 Landuse Name: Not reported
 GIS Source: Map
 Category: Transfer/Processing
 Unit Number: 01
 Inspection Frequency: Quarterly
 Accepted Waste: Mixed municipal,Tires,Wood waste
 Closure Date: Not reported
 Closure Type: Not reported
 Disposal Acreage: Not reported
 SWIS Num: 37-AA-0978
 Waste Discharge Requirement Num: Not reported
 Program Type: Not reported
 Permitted Throughput with Units: 15
 Actual Throughput with Units: Tons/day

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAL TRANS YARD (Continued)

S105022885

Permitted Capacity with Units: 3725
 Remaining Capacity: Not reported
 Remaining Capacity with Units: Tons/year

CORTESE:

Region: CORTESE
 Facility County Code: 37
 Reg By: LTNKA
 Reg Id: 7T1905001

3
East
< 1/8
0.023 mi.
119 ft.

CALTRANS/BOULEVARD
40945 OLD HY 80
BOULEVARD, CA 91905

LUST
SAN DIEGO CO. SAM

S106152866
N/A

Relative:
Lower

LUST:

Actual:
3291 ft.

Region: STATE
 Global Id: T0607300001
 Latitude: 32.6640052
 Longitude: -116.2646292
 Case Type: LUST Cleanup Site
 Status: Open - Remediation
 Status Date: 11/28/2000
 Lead Agency: SAN DIEGO COUNTY LOP
 Case Worker: CF
 Local Agency: SAN DIEGO COUNTY LOP
 RB Case Number: 7T1905001
 LOC Case Number: H00149-001
 File Location: Local Agency
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Benzene, Toluene, Xylene, Diesel, Fuel Oxygenates, Gasoline
 Site History: Three underground storage tanks (USTs), which had apparently been in service since 1961, were removed from the CalTrans maintenance yard at 40945 Old Highway 80, in Boulevard, California, on July 19, 1996. The USTs, had stored diesel and included two 1,000-gallon capacity tanks and one 4,000-gallon capacity tank. The County inspector for the removal noted that each of the tanks exhibited heavy corrosion; however, no holes were noted. Discoloration of native formation was observed beneath one of the USTs and in the dispenser area. Odors were noted as emanating from the bottom of the excavation. Analytical results for soil samples collected during the inspection indicated detection of petroleum hydrocarbons at a concentration of 11,000 milligrams per kilogram (mg/kg). DEH opened an unauthorized release case for the site on July 26, 1996. A groundwater monitoring well was installed through the base of the former UST excavation in July 1997. Groundwater was encountered at a depth approximately 27 feet below ground surface (bgs). Information as to whether groundwater beneath the site had been impacted was necessary to assess a potential threat to an off-site drinking water supply well located approximately 200 feet to the northwest. Subsequent groundwater sampling indicated that groundwater was impacted beneath the former UST excavation, primarily by gasoline, diesel, benzene and methyl-tert-butyl ether (MTBE). However, the off-site drinking water supply well was not impacted. Additional site investigation activities were performed in January 1999, September 2000, August 2001, and April 2004. Nineteen borings were drilled and sampled and

MAP FINDINGS

CALTRANS/BOULEVARD (Continued)

S106152866

eight groundwater monitoring wells were installed. The maximum depth of investigation was approximately 45 feet bgs. Boring logs indicate sandy fill material underlies the site, which is underlain by weathered granitic rock. Quarterly groundwater monitoring and sampling of the monitoring wells and the off-site drinking water well has been performed through December 2009. A Corrective Action Plan (CAP) was submitted to DEH in July 2005 that recommended using soil vapor extraction with air sparging to remediate impacted soil and groundwater beneath the site. Subsequent to the CAP submittal, water level elevations increased beneath the site. A CAP Addendum was submitted in November 2006. Final approval of the CAP/CAP Addendum was issued in March 2007. Construction of the site remediation system is currently underway.

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id: T0607300001
 Contact Type: Local Agency Caseworker
 Contact Name: CAROL FENNER
 Organization Name: SAN DIEGO COUNTY LOP
 Address: P.O. Box 129261
 City: San Diego
 Email: carol.fenner@sdcounty.ca.gov
 Phone Number: Not reported

Global Id: T0607300001
 Contact Type: Regional Board Caseworker
 Contact Name: KAI DUNN
 Organization Name: COLORADO RIVER BASIN RWQCB (REGION 7)
 Address: 73-720 FRED WARING DR. STE 100
 City: PALM DESERT
 Email: kdunn@waterboards.ca.gov
 Phone Number: Not reported

LUST:

Global Id: T0607300001
 Action Type: ENFORCEMENT
 Date: 1996-07-31 00:00:00
 Action: Notice of Responsibility

Global Id: T0607300001
 Action Type: Other
 Date: 1950-01-01 00:00:00
 Action: Leak Discovery

Global Id: T0607300001
 Action Type: Other
 Date: 1950-01-01 00:00:00
 Action: Leak Reported

Global Id: T0607300001
 Action Type: Other
 Date: 1950-01-01 00:00:00
 Action: Leak Began

Global Id: T0607300001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALTRANS/BOULEVARD (Continued)

S106152866

Action Type: ENFORCEMENT
Date: 2009-07-23 00:00:00
Action: Letter - Notice

Global Id: T0607300001
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Stopped

LUST REG 7:

Region: 7
Status: 3B - Preliminary Site Assessment Underway
Case Num: 7T1905001
Substance: 1203112034
ID: 578
Global ID: T0607300001
Lead Agency: Local Agency
Case Worker: Not reported

SAN DIEGO CO. SAM:

Case Number: H00149-001
Agency: DEH Site Assessment & Mitigation
Funding: LOP - State Fund
FType: Drinking Water Aquifer Impacted
FStatus: 5
Date: 11/28/2000
Date Began: 7/19/1996

4
SW
< 1/8
0.080 mi.
425 ft.

BOULEVARD TRANSFER STATION
41097 OLD HWY EIGHTY
BOULEVARD, CA 91905

RCRA-SQG 1000455546
FINDS CAD982431751
SWF/LF

Relative:
Lower

RCRA-SQG:

Date form received by agency: 11/07/1997
Facility name: BOULEVARD TRANSFER STATION
Facility address: 41097 OLD HWY EIGHTY
BOULEVARD, CA 91905
EPA ID: CAD982431751
Mailing address: 5555 OVERLAND AVE
SAN DIEGO, CA 92123
Contact: MIKE KAISER
Contact address: 8364 CLAIREMONT MESA BLVD
SAN DIEGO, CA 92111
Contact country: US
Contact telephone: (619) 278-6061
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:
3267 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOULEVARD TRANSFER STATION (Continued)

1000455546

Owner/Operator Summary:

Owner/operator name: RAMONA LANDFILL INC
Owner/operator address: 1588 N GREENWAY HADEN LOOP STE
SCOTTSDALE, AZ 85260
Owner/operator country: Not reported
Owner/operator telephone: (602) 423-2946
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

Historical Generators:

Date form received by agency: 09/01/1996
Facility name: BOULEVARD TRANSFER STATION
Classification: Small Quantity Generator

Date form received by agency: 12/21/1990
Facility name: BOULEVARD TRANSFER STATION
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOULEVARD TRANSFER STATION (Continued)

1000455546

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.

Violation Status: No violations found

FINDS:

Registry ID: 110008280555

Environmental Interest/Information System

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.

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.

SAN DIEGO CO. LF:

Region: SAN DIEGO
Swisnumber: 37-AA-0202
Owner Name: RAMONA LANDFILL INC
Operator: RAMONA LANDFILL INC
Facility Type: Not reported
Facility Type2: TRANSFER OPERATION
Facility Status: DEFUNCT SITES
PERMTIER: EA NOTIFICATION
Inspection Frequency: NONE
Operator's Status: CLOSED

5
West
1/4-1/2
0.267 mi.
1412 ft.

WILLIAM LEE
40601 OLD HY 80
BOULEVARD, CA 91905

SAN DIEGO CO. SAM **S108407336**
N/A

Relative:
Higher

SAN DIEGO CO. SAM:
Case Number: H23220-001
Agency: CA Regional Water Quality Control Board
Funding: Non Billable
FType: Soils Only
FStatus: 9
Date: 7/11/2005
Date Began: 5/7/1990

Actual:
3354 ft.

Count: 8 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BOULEVARD	S105022884	MOUNTAIN TOP MARKET	39710 OLD 80	91905	HIST CORTESE
BOULEVARD	S106059613	CALTRANS/BOULEVARD	40945 OLD	91905	AST, San Diego Co. HMMD
JACUMBA	S106927673	JACUMBA HOTEL APN#660-110-4	HIGHWAY 80	91934	SWEEPS UST
JACUMBA	S106929924	NOLTA APN#660-040-11	44535 OLD HWY 80	91934	SWEEPS UST
JACUMBA	S109604718	JACUMBA I & II	1000 OLD HY 80	91934	SLIC
JACUMBA	S109599090	JACUMBA I & II	1000 OLD HY 80	91934	SAN DIEGO CO. SAM
JACUMBA	S106925590	E HAEGELE-APN#660-110-7	OLD HWY 80 / RAILROA	91934	SWEEPS UST
JACUMBA	S106930362	PACIFIC BELL JCMBCA11/DD127	OLD HIGHWAY 80	91934	SWEEPS UST

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: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/12/2011
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/23/2012
	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: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/12/2011
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/23/2012
	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: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/12/2011
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/23/2012
	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: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 09/01/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/12/2011
	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's Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/14/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/23/2012
	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: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 09/01/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/12/2011
	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: 03/09/2011
Date Data Arrived at EDR: 03/15/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 91

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
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: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 12/26/2011
	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: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 12/26/2011
	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: 07/05/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 07/05/2011	Telephone: 202-267-2180
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/04/2011
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/16/2012
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 08/09/2011	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/09/2011	Telephone: 916-323-3400
Date Made Active in Reports: 09/09/2011	Last EDR Contact: 09/15/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 11/21/2011
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/09/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 09/09/2011
Number of Days to Update: 31

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/15/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 08/22/2011
Date Data Arrived at EDR: 08/24/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 40

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/24/2011
Next Scheduled EDR Contact: 12/05/2011
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

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

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

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

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

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

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calaveras, 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

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

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

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

LUST REG 3: Leaking Underground Storage Tank Database

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

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

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

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

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 08/09/2011
Date Data Arrived at EDR: 08/11/2011
Date Made Active in Reports: 09/12/2011
Number of Days to Update: 32

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/20/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

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

Date of Government Version: 08/09/2011
Date Data Arrived at EDR: 08/11/2011
Date Made Active in Reports: 09/12/2011
Number of Days to Update: 32

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/20/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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 R10: Leaking Underground Storage Tanks on Indian Land

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/04/2011	Source: EPA Region 10
Date Data Arrived at EDR: 08/05/2011	Telephone: 206-553-2857
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 39	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Quarterly

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: 05/05/2011	Source: EPA Region 1
Date Data Arrived at EDR: 08/02/2011	Telephone: 617-918-1313
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/02/2011
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/14/2011
	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: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6271
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Quarterly

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

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-6597
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/14/2011
	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: 08/11/2011	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2011	Telephone: 404-562-8677
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/31/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/01/2011	Telephone: 415-972-3372
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 48	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Quarterly

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

Date of Government Version: 02/16/2011	Source: EPA Region 7
Date Data Arrived at EDR: 06/02/2011	Telephone: 913-551-7003
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/02/2011
Number of Days to Update: 103	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 08/09/2011	Source: SWRCB
Date Data Arrived at EDR: 08/11/2011	Telephone: 916-480-1028
Date Made Active in Reports: 09/09/2011	Last EDR Contact: 09/20/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-341-5712
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 10/11/2011
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/23/2012
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/04/2011	Source: EPA Region 10
Date Data Arrived at EDR: 08/05/2011	Telephone: 206-553-2857
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 39	Next Scheduled EDR Contact: 11/14/2011
	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: 08/04/2011	Source: EPA Region 9
Date Data Arrived at EDR: 08/05/2011	Telephone: 415-972-3368
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 39	Next Scheduled EDR Contact: 11/14/2011
	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: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6137
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 11/14/2011
	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: 04/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 06/01/2011	Telephone: 913-551-7003
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/02/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
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: 07/01/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 18

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/11/2011
Date Data Arrived at EDR: 08/12/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 32

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Semi-Annually

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: 05/05/2011
Date Data Arrived at EDR: 08/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/17/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/09/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 09/09/2011
Number of Days to Update: 31

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/15/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 05/05/2011
Date Data Arrived at EDR: 07/05/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 70

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/04/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/28/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 08/15/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/01/2011	Source: Department of Conservation
Date Data Arrived at EDR: 06/21/2011	Telephone: 916-323-3836
Date Made Active in Reports: 07/15/2011	Last EDR Contact: 09/20/2011
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/24/2011	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 05/24/2011	Telephone: 916-341-6422
Date Made Active in Reports: 06/15/2011	Last EDR Contact: 09/06/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/05/2011
	Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 08/08/2011
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/21/2011
	Data Release Frequency: Varies

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: 06/08/2011	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/16/2011	Telephone: 202-307-1000
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 09/07/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/19/2011
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 08/09/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 09/09/2011
Number of Days to Update: 31

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/15/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

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: 06/30/2011
Date Data Arrived at EDR: 08/11/2011
Date Made Active in Reports: 09/09/2011
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/03/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
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
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/06/2011
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/19/2011
	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.

Date of Government Version: 09/09/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/16/2011	Telephone: 202-564-6023
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 08/12/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/14/2011
	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: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/11/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/05/2011
	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: 06/28/2011	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/29/2011	Telephone: 916-323-3400
Date Made Active in Reports: 07/08/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEED: Deed Restriction Listing

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

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 24

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/13/2011
Next Scheduled EDR Contact: 12/26/2011
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: 07/05/2011
Date Data Arrived at EDR: 07/05/2011
Date Made Active in Reports: 09/30/2011
Number of Days to Update: 87

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/04/2011
Next Scheduled EDR Contact: 01/16/2012
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: 12/31/2010
Date Data Arrived at EDR: 05/03/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 43

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
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: 08/09/2011
Date Data Arrived at EDR: 08/11/2011
Date Made Active in Reports: 09/12/2011
Number of Days to Update: 32

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/20/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

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

Date of Government Version: 08/09/2011
Date Data Arrived at EDR: 08/11/2011
Date Made Active in Reports: 09/12/2011
Number of Days to Update: 32

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/20/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-NonGen: 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: 06/15/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/07/2011	Telephone: (415) 495-8895
Date Made Active in Reports: 08/08/2011	Last EDR Contact: 10/05/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/16/2012
	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: 01/12/2011	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/11/2011	Telephone: 202-366-4595
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 08/09/2011
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/21/2011
	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: 07/22/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/31/2011
	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.

Date of Government Version: 12/31/2009	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 09/12/2011
Number of Days to Update: 112	Next Scheduled EDR Contact: 12/26/2011
	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: 06/01/2011	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 08/19/2011	Telephone: Varies
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/03/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/16/2012
	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: 07/31/2011	Source: EPA
Date Data Arrived at EDR: 09/14/2011	Telephone: 703-416-0223
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 09/14/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/21/2010	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 08/31/2011
Number of Days to Update: 99	Next Scheduled EDR Contact: 12/12/2011
	Data Release Frequency: Varies

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: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 09/08/2011
Number of Days to Update: 21	Next Scheduled EDR Contact: 12/19/2011
	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: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/17/2010	Telephone: 202-566-0250
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 09/01/2011
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/12/2011
	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.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 09/27/2011
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2012
	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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/31/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/12/2011
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/31/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/12/2011
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	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.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 08/18/2011
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 01/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/21/2011	Telephone: 202-564-5088
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 09/26/2011
Number of Days to Update: 59	Next Scheduled EDR Contact: 01/09/2012
	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: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/22/2011
Number of Days to Update: 98	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 60	Next Scheduled EDR Contact: 12/26/2011
	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: 01/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/13/2011	Telephone: 202-343-9775
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/13/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/23/2012
	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: 04/14/2010	Source: EPA
Date Data Arrived at EDR: 04/16/2010	Telephone: (415) 947-8000
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 09/13/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Quarterly

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

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: 12/31/2009	Source: EPA/NTIS
Date Data Arrived at EDR: 03/01/2011	Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 09/01/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/12/2011
	Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Quarterly

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/23/2011
Date Data Arrived at EDR: 08/24/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 40

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/24/2011
Next Scheduled EDR Contact: 12/05/2011
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). This listing is no longer updated by the state agency.

Date of Government Version: 07/01/2011
Date Data Arrived at EDR: 07/01/2011
Date Made Active in Reports: 07/15/2011
Number of Days to Update: 14

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 10/04/2011
Next Scheduled EDR Contact: 01/16/2012
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].

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

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

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
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/28/2011	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 07/21/2011	Telephone: 916-327-4498
Date Made Active in Reports: 08/11/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 21	Next Scheduled EDR Contact: 12/26/2011
	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: 10/03/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/16/2012
	Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 08/15/2011	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/23/2011	Telephone: 916-445-9379
Date Made Active in Reports: 10/03/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/14/2011
	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: 12/31/2010	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/19/2011	Telephone: 916-255-1136
Date Made Active in Reports: 08/16/2011	Last EDR Contact: 07/19/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/31/2011
	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: 12/31/2008	Source: California Air Resources Board
Date Data Arrived at EDR: 09/29/2010	Telephone: 916-322-2990
Date Made Active in Reports: 10/18/2010	Last EDR Contact: 09/30/2011
Number of Days to Update: 19	Next Scheduled EDR Contact: 01/09/2012
	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: 07/22/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/15/2011
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/07/2011
	Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/01/2011	Source: Department of Conservation
Date Data Arrived at EDR: 06/21/2011	Telephone: 916-323-3836
Date Made Active in Reports: 07/15/2011	Last EDR Contact: 09/20/2011
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

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

Date of Government Version: 09/09/2011	Source: Department of Public Health
Date Data Arrived at EDR: 09/13/2011	Telephone: 916-558-1784
Date Made Active in Reports: 10/10/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	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	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 07/18/2011
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/31/2011
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 09/16/2011
Number of Days to Update: 77	Next Scheduled EDR Contact: 12/26/2011
	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: 07/18/2011	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/19/2011	Telephone: 916-440-7145
Date Made Active in Reports: 08/11/2011	Last EDR Contact: 07/19/2011
Number of Days to Update: 23	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 08/09/2010	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/11/2010	Telephone: 916-323-3400
Date Made Active in Reports: 08/20/2010	Last EDR Contact: 09/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/12/2011
	Data Release Frequency: Quarterly

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: 03/15/2011	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 03/16/2011	Telephone: 916-341-6066
Date Made Active in Reports: 04/26/2011	Last EDR Contact: 09/14/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/05/2011
	Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/01/2007	Telephone: 916-255-3628
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 08/05/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/22/2011
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 08/05/2011
Number of Days to Update: 100	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary 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.

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 Historical Cleaners: EDR Proprietary 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.

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

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 07/21/2011
Date Data Arrived at EDR: 07/21/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 21

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/03/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/21/2011
Date Data Arrived at EDR: 07/21/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 21

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/03/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Semi-Annually

BUTTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 03/29/2011
Date Data Arrived at EDR: 04/20/2011
Date Made Active in Reports: 05/17/2011
Number of Days to Update: 27

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 10/17/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Varies

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 12/01/2010
Date Data Arrived at EDR: 04/20/2011
Date Made Active in Reports: 05/17/2011
Number of Days to Update: 27

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/17/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/30/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 09/19/2011
Number of Days to Update: 19

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/09/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Semi-Annually

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/09/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 24

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 08/22/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

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

Date of Government Version: 07/18/2011
Date Data Arrived at EDR: 07/19/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 23

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/17/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility list.

Date of Government Version: 02/08/2011
Date Data Arrived at EDR: 03/03/2011
Date Made Active in Reports: 03/24/2011
Number of Days to Update: 21

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 10/11/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 20

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/12/2011
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: 09/13/2011
Next Scheduled EDR Contact: 11/28/2011
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: 06/09/2011
Date Data Arrived at EDR: 06/09/2011
Date Made Active in Reports: 07/08/2011
Number of Days to Update: 29

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 12/12/2011
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: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
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: 07/28/2011	Source: Department of Public Works
Date Data Arrived at EDR: 09/13/2011	Telephone: 626-458-3517
Date Made Active in Reports: 10/07/2011	Last EDR Contact: 10/17/2011
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/30/2012
	Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/25/2011	Source: La County Department of Public Works
Date Data Arrived at EDR: 07/27/2011	Telephone: 818-458-5185
Date Made Active in Reports: 08/11/2011	Last EDR Contact: 07/27/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 11/07/2011
	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	Source: Engineering & Construction Division
Date Data Arrived at EDR: 03/10/2009	Telephone: 213-473-7869
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 08/23/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/05/2011
	Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 02/09/2011	Source: Community Health Services
Date Data Arrived at EDR: 02/09/2011	Telephone: 323-890-7806
Date Made Active in Reports: 03/04/2011	Last EDR Contact: 07/22/2011
Number of Days to Update: 23	Next Scheduled EDR Contact: 11/07/2011
	Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/03/2011	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 02/08/2011	Telephone: 310-524-2236
Date Made Active in Reports: 03/03/2011	Last EDR Contact: 07/25/2011
Number of Days to Update: 23	Next Scheduled EDR Contact: 11/07/2011
	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	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 10/23/2003	Telephone: 562-570-2563
Date Made Active in Reports: 11/26/2003	Last EDR Contact: 05/02/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/18/2011	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 07/21/2011	Telephone: 310-618-2973
Date Made Active in Reports: 08/11/2011	Last EDR Contact: 10/17/2011
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/30/2012
	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: 09/13/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 10/04/2011
Number of Days to Update: 21

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 07/15/2011
Date Data Arrived at EDR: 07/25/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 17

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 10/11/2011
Next Scheduled EDR Contact: 01/23/2012
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 06/06/2011
Date Data Arrived at EDR: 06/06/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 9

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/07/2011
Date Data Arrived at EDR: 07/08/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 34

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

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

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011

Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/22/2011

Date Data Arrived at EDR: 08/23/2011

Date Made Active in Reports: 09/19/2011

Number of Days to Update: 27

Source: Community Development Agency

Telephone: 530-265-1467

Last EDR Contact: 08/22/2011

Next Scheduled EDR Contact: 11/21/2011

Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2011

Date Data Arrived at EDR: 08/23/2011

Date Made Active in Reports: 09/19/2011

Number of Days to Update: 27

Source: Health Care Agency

Telephone: 714-834-3446

Last EDR Contact: 08/17/2011

Next Scheduled EDR Contact: 11/28/2011

Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/02/2011

Date Data Arrived at EDR: 08/23/2011

Date Made Active in Reports: 10/03/2011

Number of Days to Update: 41

Source: Health Care Agency

Telephone: 714-834-3446

Last EDR Contact: 08/17/2011

Next Scheduled EDR Contact: 11/28/2011

Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2011

Date Data Arrived at EDR: 08/23/2011

Date Made Active in Reports: 09/16/2011

Number of Days to Update: 24

Source: Health Care Agency

Telephone: 714-834-3446

Last EDR Contact: 08/17/2011

Next Scheduled EDR Contact: 11/28/2011

Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/20/2011

Date Data Arrived at EDR: 06/21/2011

Date Made Active in Reports: 07/08/2011

Number of Days to Update: 17

Source: Placer County Health and Human Services

Telephone: 530-889-7312

Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011

Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/14/2011	Source: Department of Environmental Health
Date Data Arrived at EDR: 07/22/2011	Telephone: 951-358-5055
Date Made Active in Reports: 08/11/2011	Last EDR Contact: 09/26/2011
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/20/2011	Source: Department of Environmental Health
Date Data Arrived at EDR: 07/22/2011	Telephone: 951-358-5055
Date Made Active in Reports: 08/11/2011	Last EDR Contact: 09/26/2011
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/26/2012
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

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

Date of Government Version: 05/02/2011	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 07/19/2011	Telephone: 916-875-8406
Date Made Active in Reports: 08/11/2011	Last EDR Contact: 10/07/2011
Number of Days to Update: 23	Next Scheduled EDR Contact: 01/23/2012
	Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

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

Date of Government Version: 05/02/2011	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 07/19/2011	Telephone: 916-875-8406
Date Made Active in Reports: 08/11/2011	Last EDR Contact: 10/07/2011
Number of Days to Update: 23	Next Scheduled EDR Contact: 01/23/2012
	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.

Date of Government Version: 08/26/2011	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 08/31/2011	Telephone: 909-387-3041
Date Made Active in Reports: 09/19/2011	Last EDR Contact: 08/15/2011
Number of Days to Update: 19	Next Scheduled EDR Contact: 11/28/2011
	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.)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/09/2010
Date Data Arrived at EDR: 09/15/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 14

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/16/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2010
Date Data Arrived at EDR: 11/16/2010
Date Made Active in Reports: 01/25/2011
Number of Days to Update: 70

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
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: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

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

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

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

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

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

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

Date of Government Version: 06/27/2011
Date Data Arrived at EDR: 06/29/2011
Date Made Active in Reports: 07/08/2011
Number of Days to Update: 9

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa Facility List.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 24

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

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

Date of Government Version: 07/13/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/12/2012
Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 06/20/2011
Date Data Arrived at EDR: 06/21/2011
Date Made Active in Reports: 07/15/2011
Number of Days to Update: 24

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
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: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Varies

SANTA CLARA COUNTY:

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: 09/06/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 10/10/2011
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 09/01/2011
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 32

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/31/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 08/31/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 09/09/2011
Number of Days to Update: 9

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/31/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 09/19/2011
Number of Days to Update: 19

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

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

Date of Government Version: 06/09/2011
Date Data Arrived at EDR: 06/29/2011
Date Made Active in Reports: 07/08/2011
Number of Days to Update: 9

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/09/2011
Date Data Arrived at EDR: 07/01/2011
Date Made Active in Reports: 07/13/2011
Number of Days to Update: 12

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2011
Date Data Arrived at EDR: 04/06/2011
Date Made Active in Reports: 05/12/2011
Number of Days to Update: 36

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 10/03/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/13/2011
Date Data Arrived at EDR: 06/14/2011
Date Made Active in Reports: 07/13/2011
Number of Days to Update: 29

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 07/26/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/19/2011
Number of Days to Update: 24

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/23/2011
Next Scheduled EDR Contact: 12/05/2011
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: 04/01/2011
Date Data Arrived at EDR: 04/07/2011
Date Made Active in Reports: 05/12/2011
Number of Days to Update: 35

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/11/2011
Next Scheduled EDR Contact: 01/23/2012
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/23/2011
Next Scheduled EDR Contact: 12/05/2011
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 07/26/2011
Date Data Arrived at EDR: 08/08/2011
Date Made Active in Reports: 09/09/2011
Number of Days to Update: 32

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/25/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 06/21/2011	Telephone: 805-654-2813
Date Made Active in Reports: 07/13/2011	Last EDR Contact: 09/20/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 08/15/2011	Source: Yolo County Department of Health
Date Data Arrived at EDR: 08/23/2011	Telephone: 530-666-8646
Date Made Active in Reports: 09/16/2011	Last EDR Contact: 10/11/2011
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/23/2011	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 08/26/2011	Telephone: 530-749-7523
Date Made Active in Reports: 09/19/2011	Last EDR Contact: 08/08/2011
Number of Days to Update: 24	Next Scheduled EDR Contact: 11/21/2011
	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: 12/31/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/26/2009	Telephone: 860-424-3375
Date Made Active in Reports: 09/11/2009	Last EDR Contact: 08/26/2011
Number of Days to Update: 16	Next Scheduled EDR Contact: 12/05/2011
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/20/2011	Telephone: N/A
Date Made Active in Reports: 08/11/2011	Last EDR Contact: 07/20/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 09/16/2011
Number of Days to Update: 38

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/09/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 and 2005 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.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

LANWEST
LANWEST
BOULEVARD, CA 91905

TARGET PROPERTY COORDINATES

Latitude (North):	32.66660 - 32° 39' 59.8"
Longitude (West):	116.2676 - 116° 16' 3.4"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	568676.2
UTM Y (Meters):	3614374.0
Elevation:	3320 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	32116-F3 LIVE OAK SPRINGS, CA
Most Recent Revision:	1975
East Map:	32116-F2 JACUMBA, CA
Most Recent Revision:	1975

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

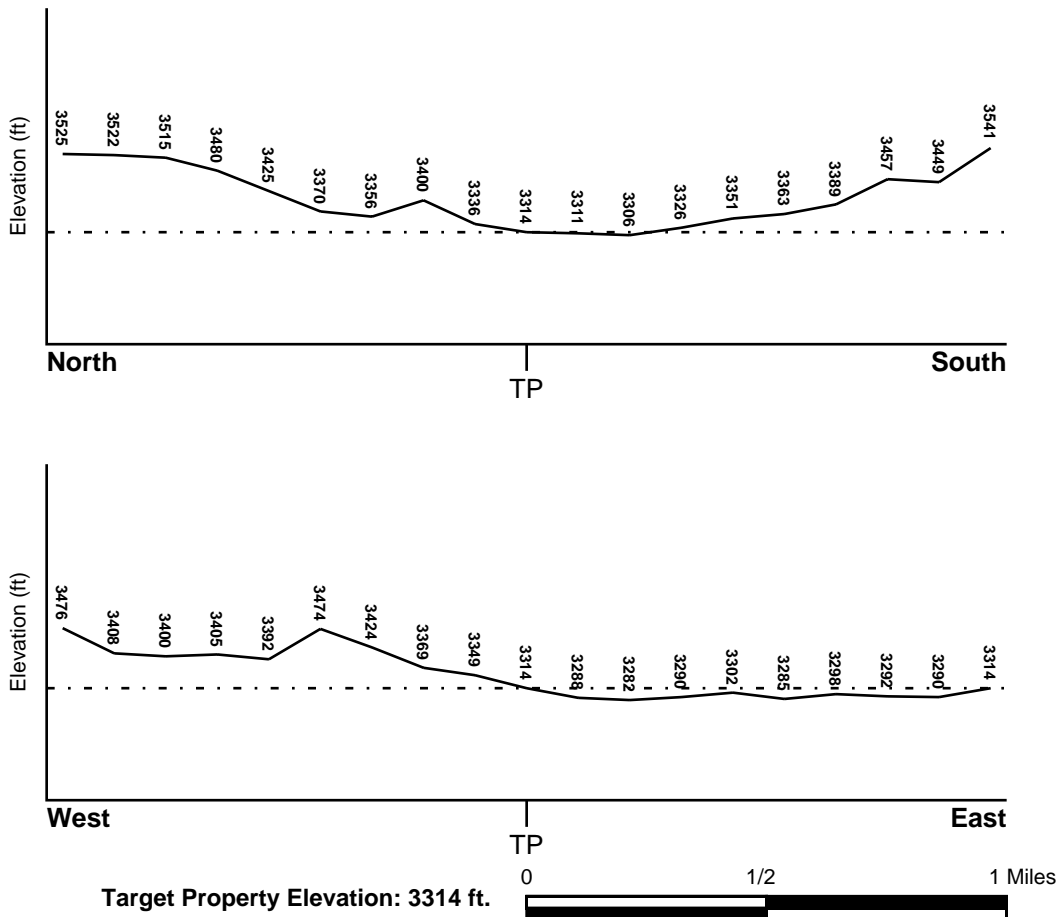
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

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> SAN DIEGO, CA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	06073C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> LIVE OAK SPRINGS	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
--	---

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

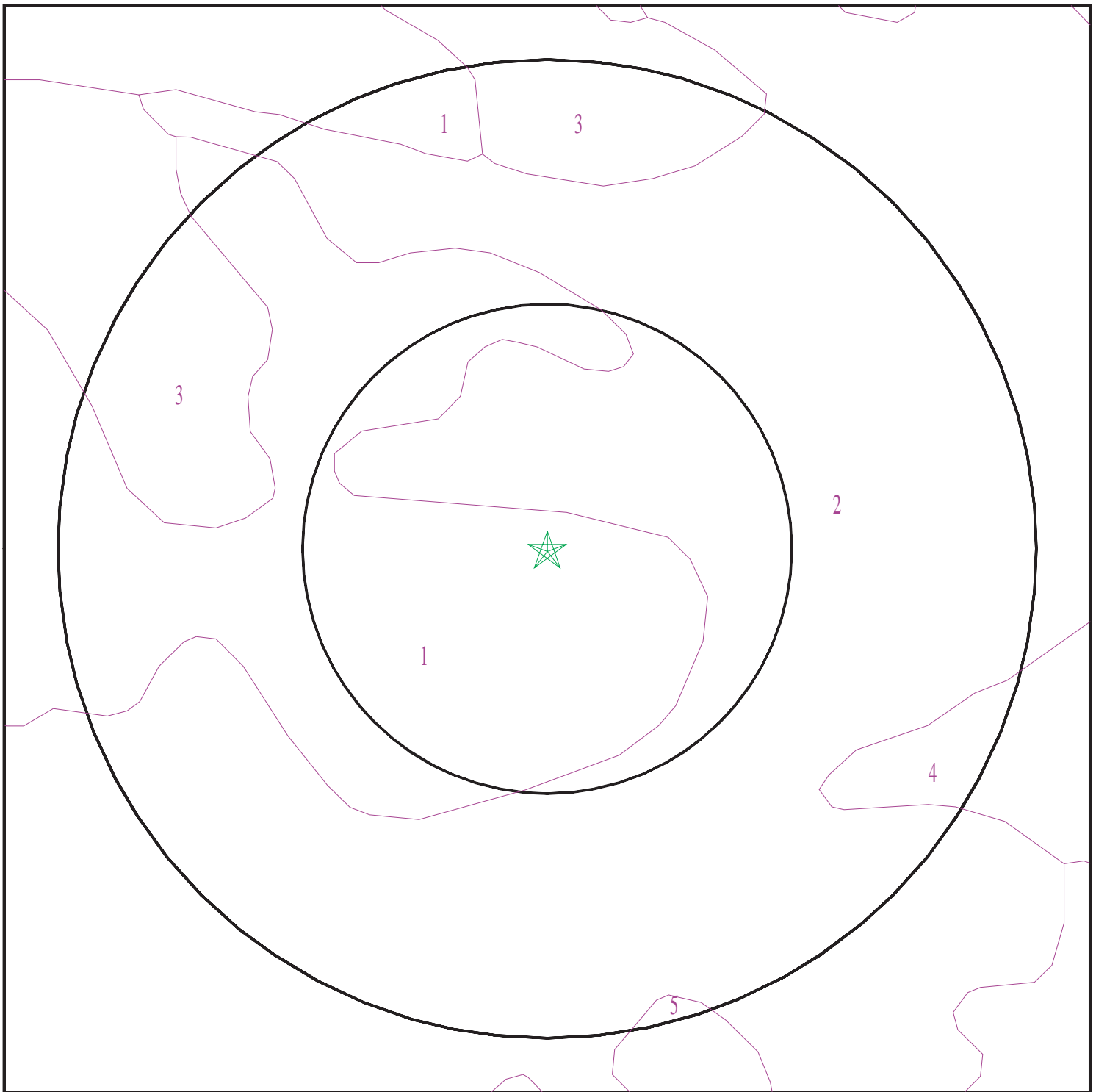
Era: Mesozoic
System: Cretaceous
Series: Cretaceous granitic rocks
Code: Kg *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

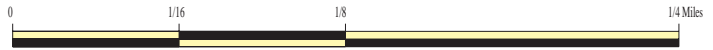
Category: Plutonic and Intrusive Rocks

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 - 03188188.2r



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: LANwest
ADDRESS: LANwest
Boulevard CA 91905
LAT/LONG: 32.6666 / 116.2676

CLIENT: AECOM
CONTACT: Kirsten Bradford
INQUIRY #: 03188188.2r
DATE: October 17, 2011 12:40 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: LA POSTA

Soil Surface Texture: loamy coarse sand

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

Soil Drainage Class: Somewhat 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	7 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	7 inches	27 inches	gravelly loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:
3	27 inches	31 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: MOTTSVILLE

Soil Surface Texture: loamy coarse sand

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

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	loamy coarse 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: 6.5 Min: 6.1
2	5 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: 6.5 Min: 6.1

Soil Map ID: 3

Soil Component Name: TOLLHOUSE

Soil Surface Texture: gravelly coarse 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: Somewhat excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 5 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	gravelly coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	16 inches	20 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: LOAMY ALLUVIAL LAND

Soil Surface Texture: silt 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 poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 153 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	14 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.6
2	14 inches	27 inches	silty 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 Soils.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.6
3	27 inches	59 inches	silty 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 Soils.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.6

Soil Map ID: 5

Soil Component Name: LA POSTA

Soil Surface Texture: loamy coarse sand

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

Soil Drainage Class: Somewhat excessively 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	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	9 inches	29 inches	gravelly loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:
3	29 inches	33 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	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>
_____	_____	_____

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

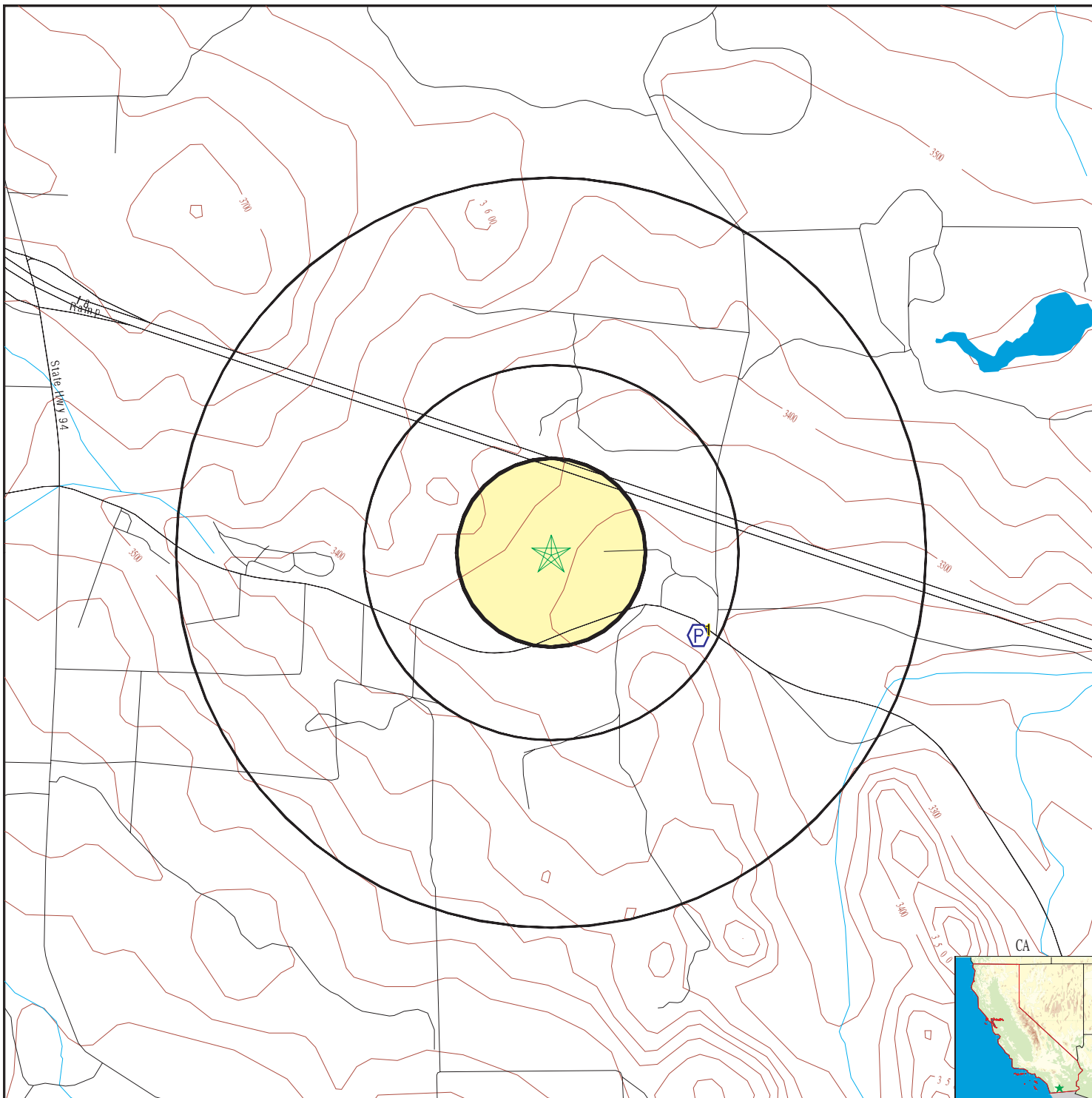
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CA3705005	1/4 - 1/2 Mile ESE

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

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 03188188.2r



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

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

SITE NAME: LANwest
 ADDRESS: LANwest
 Boulevard CA 91905
 LAT/LONG: 32.6666 / 116.2676

CLIENT: AECOM
 CONTACT: Kirsten Bradford
 INQUIRY #: 03188188.2r
 DATE: October 17, 2011 12:40 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
ESE
1/4 - 1/2 Mile
Lower **FRDS PWS** **CA3705005**

PWS ID: CA3705005
 Date Initiated: Not Reported Date Deactivated: Not Reported
 PWS Name: BOULEVARD SPRINGS
 TOM HOM
 39550 OLD HWY 80
 BOULEVARD, CA 91905

Addressee / Facility: System Owner/Responsible Party
 TOM HOM
 4408 - 30TH STREET
 SAN DIEGO, CA 921164231

Facility Latitude: 32 39 48 Facility Longitude: 116 15 36
 City Served: Not Reported
 Treatment Class: Untreated Population: 00000100

PWS currently has or had major violation(s) or enforcement: YES

VIOLATIONS INFORMATION:

Violation ID: 9300002 Source ID: Not Reported PWS Phone: Not Reported
 Vio. beginning Date: 04/01/93 Vio. end Date: 06/30/93 Vio. Period: 003 Months
 Num required Samples: Not Reported Number of Samples Taken: Not Reported
 Analysis Result: Not Reported Maximum Contaminant Level: Not Reported
 Analysis Method: Not Reported
 Violation Type: MCL, Acute (TCR)
 Contaminant: COLIFORM (TCR)
 Vio. Awareness Date: 073093

ENFORCEMENT INFORMATION:

Truedate: 03/31/2009 Pwsid: CA3705005
 Pwsname: BOULEVARD SPRINGS
 Retpopsrvd: 25 Pwstypecod: NC
 Void: 0401218 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 4/1/2004 0:00:00
 Complperen: 6/30/2004 0:00:00 Enfdate: 5/28/2004 0:00:00
 Enf action: State Boil Water Order
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA3705005
 Pwsname: BOULEVARD SPRINGS
 Retpopsrvd: 25 Pwstypecod: NC
 Void: 0601964 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2005 0:00:00
 Complperen: 12/31/2005 0:00:00 Enfdate: 1/12/2006 0:00:00
 Enf action: State AO (w/o Penalty) Issued
 Violmeasur: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	CA3705005
Pwsname:	BOULEVARD SPRINGS		
Retpopsrvd:	25	Pwstypecod:	NC
Vooid:	0702357	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	4/1/2007 0:00:00		
Complperen:	6/30/2007 0:00:00	Enfdate:	6/20/2007 0:00:00
Enf action:	State Boil Water Order		
Violmeasur:	Not Reported		

System Name:	BOULEVARD SPRINGS		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2004 0:00:00 - 6/30/2004 0:00:00		
Violation ID:	0401218		
Enforcement Date:	5/28/2004 0:00:00	Enf. Action:	State Boil Water Order

System Name:	BOULEVARD SPRINGS		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	04/01/04 - 06/30/04		
Violation ID:	0401218		
Enforcement Date:	05/28/04	Enf. Action:	State Boil Water Order

System Name:	BOULEVARD SPRINGS		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2005 0:00:00 - 12/31/2005 0:00:00		
Violation ID:	0601964		
Enforcement Date:	1/12/2006 0:00:00	Enf. Action:	State AO (w/o Penalty) Issued

System Name:	BOULEVARD SPRINGS		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/01/05 - 12/31/05		
Violation ID:	0601964		
Enforcement Date:	01/12/06	Enf. Action:	State AO (w/o Penalty) Issued

CONTACT INFORMATION:

Name:	BOULEVARD SPRINGS	Population:	25
Contact:	JENNIFER HOM	Phone:	Not Reported
Address:	4408-30TH ST		
Address 2:	SAN DIEGO		
	CA, 92 61928		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for SAN DIEGO 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.

Federal Area Radon Information for SAN DIEGO COUNTY, CA

Number of sites tested: 30

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	0.677 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.400 pCi/L	100%	0%	0%
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 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Health Services

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 C

Qualifications of Environmental Professionals

Kirsten Bradford

Project Specialist

Professional History

Education

BS, Chemistry, New Mexico Institute of Mining & Technology (New Mexico Tech), 2000

Registrations

Registered Environmental Assessor (REA) I

Years of Experience

With AECOM: 5
With other firms: 2

Kirsten Bradford has over seven years of experience conducting environmental site assessments (ESAs) and compliance evaluations, and over ten years of experience in chemical and research laboratory environments including environmental applications. Ms. Bradford has conducted Phase I ESAs and compliance evaluations of commercial and industrial properties and facilities throughout the United States and Mexico, including, agricultural sites, mineralogical sites, shopping malls, automotive and heavy-duty truck repair facilities, multi-tenant office buildings and business parks, assembly and manufacturing facilities, food-processing facilities, power plants and utility facilities, and warehouse/distribution facilities. Issues addressed during assessments have included current and historical storage and use of hazardous and acutely hazardous materials; underground storage tanks; industrial wastewater discharge; and disposal and/or recycling of hazardous waste. Ms. Bradford is continuously developing her project management skills and providing technical support to nation-wide environmental due diligence and compliance projects. Additionally, Ms. Bradford assists in the site reconnaissance and development of Storm Water Pollution Prevention Plans (SWPPPs) in support of National Pollution Discharge Elimination System (NPDES) Permitting, and of Spill Pollution Control and Countermeasure (SPCC) Plans for facilities and industries. She has assisted in the development of integrated pollution prevention and countermeasure plans, including Hazardous Material Business Plan (HMBP) preparation for facilities and industries. These facilities and industries have included municipal airports, numerous natural gas compressor stations and facilities, power plants, food production plants, heavy-vehicle break manufacturing facilities, aerospace manufacturing facilities, and utility-operated pipeline construction sites, among others

Experience

Johnson & Johnson, Phase I Environmental Site & Limited Compliance Assessment, Orange County, California. Conducted assessment of a research and development (R&D) company that designs therapeutic health devices. On-site operations included laboratory and machine shop activities. Limited compliance applied included Hazardous Materials Business Planning and Inventorying principles to comply with California legislation to meet the requirements of Sections 311 and 312 of the Emergency Planning and Community Right-to-Know Act (EPCRA) (SARA Title III); and wastewater discharge permitting principles to comply with local industrial waste program.

Teachers Insurance & Annuity Association (TIAA), Limited Compliance Assessment and Desktop Review, Ventura County, California. Conducted a limited compliance assessment of two apartment home complexes. On-site improvements and activities were related to an office buildings, hydraulic-powered elevators, pool and spa systems, maintenance shops, and storage areas. Visual inspections of the on-site operations, reviews of facility files and records, reviews of federal and state governmental incident databases and files, and interviews with property personnel and governmental officials to evaluate the relative degree of compliance of on-site operations with key federal and state environmental regulations as they relate to hazardous waste; solid waste and asbestos-containing materials; conventional and toxic air emissions; underground and above ground storage tanks; wastewater discharges including storm water; and PCB management.

BOC Edwards, Phase I Environmental Site Assessment & Compliance Evaluation, Maricopa County, Arizona. Conducted a Phase I ESA of two industrial facilities that clean and coat parts in support of semiconductor equipment. Considered compliance with laws and permits with respect to the following issues as a minimum: Aqueous abstractions and discharges; Atmospheric emissions; Solid and hazardous waste management; Above and below ground tank management; Nuisance; Asbestos; and Poly Chlorinated Biphenyls (PCBs). Information provided by the sites was further studied and correlated with existing information to determine findings and to prepare a Phase I ESA report.

Phase I Environmental Site & Limited Compliance Assessment, Santa Barbara County, California. Conducted a Phase I ESA and compliance assessment of two corporate office buildings. On-site activities included corporate office, warehouse, and research and development operations. Specific components assessed included, hazardous materials and wastes handling, storm water, spill prevention, Emergency Planning and Community Right-to-Know (EPCRA), and health and safety programs.

Teachers Insurance & Annuity Association (TIAA), Phase I Environmental Site & Compliance Assessment, Los Angeles County, California. Completed a Phase I ESA and compliance assessment of a shopping mall. Facilities assessed included representative retail businesses, food court eateries and on-site restaurants, and maintenance areas for areas including hazardous materials and waste handling, sanitary and storm water waste streams, and EPCRA reporting.

Foley & Lardner LLP, Phase I Environmental Site Assessment & Limited Environmental Compliance and Limited Health and Safety Compliance Assessments, and Wastewater Evaluation and Sampling Activities, Newman, Stanislaus County, California. Conducted a Phase I ESA of a cheese and whey food processing facility. Assessment activities included an environmental records search and analysis, a historical analysis, interviews, and a site evaluation. Facility systems addressed included bulk aboveground storage, clean-in-place (CIP) systems, chemical storage, the facility's ammonia cooling system, water treatment chemical storage, oil storage, hazardous, universal and solid waste handling and storage, water and wastewater, and storm water. Additional assessment was done to conduct

wastewater sampling and characterization and offsite wastewater disposal reviews, and to conduct a detailed review of the facility's compliance with their Risk Management Plan (RMP).

Nutro Products, Inc., Hazardous Materials Business Response Plan, Victorville County, California. Assessed on-site hazardous chemical storage and operations and prepared completed agency plan forms for a dry dog food manufacturing plant. On-site hazardous materials and wastes inventoried included lubricating oils, insecticide mixture oil concentrate, diesel fuel, product ingredients containing oil, bulk storage of vegetable oil, and bulk storage of poultry fat.

U.S. Filter Operating Services, Phase I Environmental Site Assessment, Kern County, California. Conducted assessments of an equipment and maintenance yard including an outdoor storage area for portable equipment used for petroleum dewatering applications, and including two shop buildings in support of metal fabrication and welding of heavy portable equipment, and oil research and development (R&D) laboratory activities.

Public Storage, Inc., Environmental Support with File Review, San Diego County, California. Performed site assessment and file review to establish historical on-site remedial action activities including groundwater monitoring, and current site case status with local regulatory agency. Made recommendations for activities directed toward achieving site case closure, and in complying with State of California Geotracker database requirements.

International Paper Company, Timberlands Environmental Site Assessment, Alabama. Conducted assessment of 215,000 acres of timberland in accordance with American Society for Testing and Materials Standard (ASTM) Practice E 2247-02. Used GIS tracking to record routes and mark specific areas of potential environmental concern including log yards and camps, fuel use and storage, pesticide and herbicide use, burning practices, logging roads, sand and gravel pits, hunting camps and leases, and landfills.

First Industrial Realty Trust, Phase I Environmental Site Assessment, Los Angeles County, California. Carried out assessment of an office/warehouse facility including an ancillary former hazardous materials storage building and truck loading docks. Assessment included review of local government records to identify historical improvements and uses.

Acushnet Company, Phase I Environmental Site Assessment, San Diego County, California. Conducted assessment of agricultural property including historical fuel storage areas.

General Electric, Phase I Environmental Site Assessments, Santa Barbara County, California. Performed assessment of tenant spaces located in three offices. Presented findings on detailed predetermined form format provided by the user/client. Research included a detailed review of building department permit site record history.

Quality Project Management, Phase I Environmental Site Assessment & File Reviews, San Diego County, California. Conducted assessment of two vacant parcels previously developed. Performed 1,500 page file review of site and adjoining sites based on their historically uses as former gasoline service stations, each with historical unauthorized releases affecting groundwater. Analyzed

historical soil sampling, remediation activities, and groundwater monitoring data to identify potential environmental impacts to the site from historical uses associated with on-site contamination sources or from off-site contamination sources.

Teachers Insurance & Annuity Association (TIAA), Phase I Environmental Site Assessment, *Maricopa County, Arizona.*

Performed an assessment of a multi-story corporate office building. On-site improvements assessed included hydraulic-powered elevators, storm water retention areas and on-site dry wells, a fuel-powered generator, storage areas, and a rooftop cooling plant. Focused assessment was conducted into observing each on-site tenant space. Assessment activities included American Society Testing Materials (ASTM) 1527 additional scope issues including visual observation for evidences of suspect asbestos-containing materials and of water intrusion and mold growth. Additionally, on-site improvements were investigated by conducting file reviews and interviews with government and regulatory agencies.

Weil, Gotshal & Manges LLP, Phase I Environmental Site Assessment, *Clackamas & Washington Counties, Oregon.*

Conducted an assessment of warehouse distribution and office facilities. On-site retail warehousing activities included an on-site truck wash, a trailer maintenance shop, a fueling island; and fuel-powered generators, hydraulic-powered lifts, and storage areas including for lead-acid (wet-type) batteries to power forklifts.

Gibson Dunn & Crutcher, Phase I Environmental Site Assessment, *Maricopa County, Arizona.* Assessed warehouse, repair, and maintenance facilities for heavy-duty trucks and truck parts. Historical setting included on-site fueling operations and remedial action closure activities.

Public Storage, Inc., Phase I Environmental Site Assessment, *Southern California.* Conducted assessments of multiple self storage facilities throughout Southern California.

Sargent & Lundy, Phase I Environmental Site Assessment, *San Diego County, California.* Conducted assessments in support of the Environmental Due Diligence study for the purchase of a site being developed for a future gas-fired power plant. Site characteristics included existing biological and archeological conservation easements. Historical on-site activities investigated included cement truck cleanouts, refueling operations, and grading.

T.A. Realty Corporation, Phase I Environmental Site Assessments, *Southern and Northern California.* Conducted assessments of corporate office buildings (e.g. multi-story, multi-tenant) and distribution warehouses. On-site improvements assessed have included hydraulic-powered elevators and lifts, loading dock areas, fuel-powered generators, storage areas, and warehouse areas. Focused research was conducted into on-site historical tenant activities. Assessment activities have included American Society Testing Materials (ASTM) 1527 additional scope issues included visual observation for apparent condition of suspect asbestos-containing materials and evidences of water intrusion and mold growth. Additionally, off-site potential sources of environmental concern (e.g. abutting CERCLA sites with impacted groundwater from historical site operations) were identified and

investigated by conducting regulatory file reviews and interviews with regulatory agencies.

Phase I Environmental Site Assessment of Agricultural Orchards, Kern County, California. Assisted in completing a company-wide environmental due diligence portfolio as a report author of five orchard (e.g. almond, walnut) sites located in Southern California by using an online database Phase I ESA report collection and preparation tool, PARCEL.

Chevron U.S.A. Inc., Phase I Environmental Site Assessment, San Luis Obispo County, California. Conducted a Phase I Environmental Site Assessment (ESA) of a site that was first developed in with a garage/service station and residences. The ESA required the organization and review of a significant amount of environmental information. Site operations included former aboveground storage tanks (ASTs), associated product piping, and product dispensers, including an abandoned petroleum pipeline. The subject property was also used for outdoor vehicle storage and related activities. At the time of the ESA, the site was also undergoing pollution characterization under the lead regulatory agency oversight of the Regional Water Quality Control Board (RWQCB).

United Launch Alliance, Environmental Closeout Survey (ECS), Vandenberg Air Force Base (AFB), Santa Barbara County, California. Performed an assessment of two air force base facilities located at Vandenberg (AFB) as part of the Environmental Closeout Survey (ECS) in accordance with United States Air Force Instruction (AFI) #32-7066, Environmental Baseline Surveys in Real Estate Transactions, dated April 25, 1994, and the American Society for Testing and Materials (ASTM) standard E1527-97, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The ECS was conducted in anticipation of terminating License agreements. ECS considerations included floodplain, vegetation, ecological characterization, wetlands, and cultural resources, aboveground and underground storage tanks, pipelines; hydrant fueling; and transfer systems, oil/water separators, pesticides, medical or biohazardous waste, radioactive wastes, wastewater treatment; collection; and discharge, drinking water quality, asbestos, polychlorinated biphenyls (PCBs), radon, and lead-based paint, including applicable regulatory compliance issues.

Realty Associates Advisors, LLC, Phase I Environmental Site Assessment, Orange County, California. Conducted a Phase I Environmental Site Assessment (ESA) of a site consisting of four multi-story office buildings, five single-story light industrial office/warehouse buildings, two single-story retail strip-malls, and one multi-level aboveground parking structure. Operations at the subject property included clerical/administrative; one urgent care clinic, one repairer of medical equipment, one small-scale printing and shipping/copying business, one dentist office, one optometry office, one salon and spa and retail/restaurant-type businesses. A former dry cleaner facility was identified adjacent to the subject property with impacts to soil and groundwater with chlorinated solvents at concentrations that exceed the State of California regulatory cleanup objectives. And, a former on-site gasoline station was also identified during the course of the ESA.

TNP Acquisitions, LLC (partnered with Realty Associates Advisors, LLC), Phase I Environmental Site Assessment, San Diego County, California. Phase I Environmental Site Assessment (ESA) was conducted of two sites as part of a portfolio. The ESAs were conducted in accordance with American Society of Testing and Materials (ASTM) standard E 1527-05, and included an evaluation of non-standard ASTM components: asbestos, wetlands, water infiltration and potential mold-like growth, lead in drinking water, radon, high voltage power lines, underground pipelines and National Pollution Discharge Elimination System (NPDES) wastewater permits with respect to the Properties. At one of the sites assessed, one adjacent site was identified during the ESA to present a recognized environmental condition (REC); and at the other site assessed, former on-site (USTs) were identified to be a historical REC (HREC).

Phase I Environmental Site Assessments, Clark County, Nevada. Conducted multiple Phase I Environmental Site Assessments (ESAs) within Clark County, Nevada. Facilities assessed included commercial office/warehouse buildings and restaurants. Standard record sources consulted during ESA site visit activities included city and county offices for file reviews and library research.

Sempra Global, Phase I Environmental Site Assessment, Clark County, Nevada. Conducted a Phase I Environmental Site Assessment (ESA) of approximately 380 acres of vacant desert land located in El Dorado Valley. The subject property was assessed for visible signs of possible contamination, public records for the subject property were researched, and interviews were conducted with regulatory agencies and representatives from the property owner.

Edison Mission Energy, Phase I Environmental Site Assessment, Kern County, California. Performed a Phase I Environmental Site Assessment (ESA) of 3,170 acres of vacant desert located within the Antelope Valley region of the Mojave Desert, in the vicinity of California City, Kern County, California. ESA activities identified portions of the subject property were part of a quarry and a former military gunnery range, including potential for unexploded ordnance (UXO) on-site.

Solar Millennium, LLC, Phase I Environmental Site Assessment, Kern County, California. Conducted a Phase I ESA of 4,920 acres of vacant desert land administered by the Bureau of Land Management (BLM). The Phase I ESA was completed to support the preparation of an Application for Certification (AFC) to be submitted to the California Energy Commission (CEC). Features identified onsite included a former Southern Pacific Rail Road (SPRR) right-of-way, an overhead power transmission right-of-way, a former stock water well, mining prospects, and potential UXO. Nearby features identified included a former burn dump and mining districts.

City of Palmdale, Phase I Environmental Site Assessment, Los Angeles County, California. Conducted a Phase I Environmental Site Assessment (ESA) of a natural gas, reclaimed water, potable water, and sewer pipeline routes that were proposed to support a hybrid power project. The ESA report was prepared to respond to a California Energy Commission (CEC) Waste Management Data Request. The length of the pipeline route was approximately 12 miles long, and the ESA included precursory environmental database report and online records

reviews and research, followed by compilation of the site survey that was conducted of the proposed pipeline route and surrounding area.

Air Liquide, Phase I Environmental Site Assessment, Salt Lake County, Utah and Sweetwater County, Wyoming. Conducted a Phase I ESA of two planned plant location sites. In conducting the Phase I ESA, AECOM assessed the sites for visible signs of possible contamination, researched public records for the sites, and conducted interviews with representatives of regulatory agencies, the client, and those people deemed knowledgeable of the sites. AECOM successfully observed the sites during extreme weather conditions including snow cover and freezing temperatures.

Eagle Burgmann Industries LP, Phase I Environmental Site Assessments, Harris and Brazoria Counties, Texas. Conducted two Phase I ESAs of warehouse properties in conformance to the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments (E 1527-05), which meets the requirements of 40 CFR Part 312 and is intended to constitute all appropriate inquiry for purposes of the landowner liability protections (LLPs).

Air Liquide, Phase I Environmental Site Assessment, Fairfax County, New Mexico. Conducted a Phase I ESA of approximately 250 acres of ranch land. The Phase I ESA included a site visit, regulatory research, historic review, and environmental database search of the subject property. In addition to the ASTM Phase I ESA scope of work, Phase I ESA non-scope items included radon, wetlands, floodplains, and endangered and threatened species.

Minera Toloro, Phase I Environmental Site Assessment, Moctezuma, Sonora, Mexico. Conducted a Phase I ESA of approximately 1,070 acres of land used for cattle ranching and including mine sites/claims. Assessment activities included site reconnaissance, review of historical documents, and interviews conducted with selected individuals knowledgeable about the property and surrounding area. In addition to the ASTM Phase I ESA scope of work, Phase I ESA non-scope items included radon, wetlands, floodplains, and endangered and threatened species.

Air Liquide, Phase I Environmental Site Assessment, Sunnyvale, Santa Clara County, California. Conducted a Phase I ESA of a microelectronic assembly and product development facility. The Phase I ESA included a site visit, regulatory research, historic review, and environmental database search of the subject property. A review and summary of a previous Phase I and Phase II ESAs was conducted for the facility. The summary included a comparison of the Phase II ESA analytical results against the San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs).

Phase I Environmental Site Assessment Portfolio, Los Angeles County, California. Served as lead assessor in a series of seven Phase I ESAs within the Phase I ESA portfolio which included assessment of non-scope ASTM 1527 items, including methane gas.

SunTrust, Phase I Environmental Site Assessments, Florida and South Carolina. Assisted in completing a company-wide environmental due diligence portfolio as a report author of multiple sites

located in Florida and South Carolina by using an online database Phase I ESA report collection and preparation tool, PARCEL.

Bendix Commercial Vehicle Systems, LLC, Storm Water Pollution Prevention Plan (SWPPP), Fresno County, California. Prepared a Storm Water Pollution Prevention Plan (SWPPP) for a heavy vehicle brake manufacturing facility in Fresno County, California while addressing the current National Pollutant Discharge Elimination System (NPDES) regulations, 40 CFR Section 122.26, and complying with California's General Permit. Incorporated recently proposed changes for the storm water program in California, and made every effort to ensure that the SWPPP developed for the facility would comply with the new requirements. Tasks involved included a site visit, a Best Management Practice (BMP) assessment, and preparation of the Plan.

ExxonMobil Oil Corporation, Storm Water Pollution Prevention Plan (SWPPP), Los Angeles County, California. Supported the completion of a Storm Water Pollution Prevention Plan (SWPPP) for a project site located within a State right-of-way, and the acquisition of an Encroachment Permit from the California Department of Transportation (CalTrans) that is in compliance with requirements of its National Pollutant Discharge Elimination System (NPDES) permit in regards to its submission to the Regional Water Quality Control Board (RWQCB).

ExxonMobil Oil Corporation, Storm Water Pollution Prevention Plan (SWPPP) Training, Los Angeles County, California. Provided training on how to implement the Storm Water Pollution Prevention Plan (SWPPP) and associated Best Management Practices (BMPs) to client staff and contractors at a pre-construction meeting for the client's proposed project. Tasks included preparation of a PowerPoint presentation as well as attendance at the client's pre-construction meetings.

Elk Hills Power, LLC, Storm Water Pollution Prevention (SWPP) Plan and Spill Prevention Control and Countermeasure (SPCC) Plan, Kern County, California. Amended both of the power plant facility's Storm Water Pollution Prevention Plan (SWPP) Plan, and its Oil Spill Prevention Control and Countermeasure (SPCC) Plan. The SWPP Plan was updated to meet the requirements of the State Water Resources Control Board (SWRCB) Water Quality Order No. 97-03-DWQ and the National Pollutant Discharge Elimination System (NPDES) General Permit. The SWPP Plan describes the mechanisms in place at the power plant facility to prevent the release of pollutants to the waters of the state. The SWPP Plan identified methods, best management practices (BMPs), training, inspection, and monitoring procedures to be employed by the power plant facility to prevent the exposure of storm water to hazardous materials, and to prevent the release of hazardous materials into the storm water discharge. The Spill Prevention Control and Countermeasure (SPCC) Plan was prepared to include the items required by 40 CFR 112, including a discussion of the facility's spill response organization, spill notification, spill response and spill reporting procedures.

Sierracin/Sylmar Corporation, Storm Water Pollution Prevention Plan (SWPPP) and Spill Prevention Control and Countermeasure (SPCC) Plan, Los Angeles County, California. Prepared a Storm Water Pollution Prevention Plan (SWPPP) for a facility that conducts on-site aircraft parts and auxiliary equipment manufacturing to meet the

requirements of the State of California's General Storm Water Permit (WQ Order No. 97-03 DWQ) and the National Pollution Discharge Elimination System (NPDES) General Permit No. CAS 000001 (General Permit). Identified the methods, best management practices (BMPs), training, inspection, and monitoring procedures that were implemented at the facility to prevent the release of hazardous materials or other potential pollutants into storm water discharges. The facility included indoor and outdoor plant operations.

Algonquin Power, Oil Spill Assessment Portfolio, Southern California. Conducted oil spill assessments of landfill gas to energy facilities.

Realty Associates Advisors, LLC, Due Diligence, Western United States. Served as project manager for nearly 100 Phase I Environmental Site Assessments (ESAs), also including Phase II ESAs or other due diligence projects (e.g., file reviews, contaminated properties case closure work, wastewater pretreatment facilities, soil vapor intrusion, fuel station compliance oversight). Included management of multiple multi-site Phase I ESA portfolios located in the vicinity of Chicago, Illinois where over half a dozen sites required Phase II ESAs.

Southern California Edison (SCE), Environmental Assessment (EA), Alberhill Substation, Riverside County, California. Assisted with the preparation of the hazards and hazardous materials section for the substation licensing project. Sections developed focused on a detail analysis of hazardous waste and materials, emergency response, wildland fires, airports and airstrips, schools, and healthcare facilities impacts on and in the area of the proposed project site, if any, based upon California Environmental Quality Act (CEQA) guidelines.

Becker Industrial Coatings, Limited Phase II Environmental Site Assessment, San Bernardino County, California. Conducted a limited Phase II ESA including eight soil borings at an industrial facility and oversaw a contracted truck mounted, hydraulically operated Geoprobe sampling system and crew. Attempts to advance the borings to the proposed depth of 20 feet below ground surface (bgs) had to be negotiated as cobbles and/or boulders were encountered at drilling depths. Collected soil samples were screened with a photo-ionization detector (PID). The collected soil samples were preserved and extracted in accordance with U.S. EPA Method 5035.

Yardi Systems, Inc., Limited Phase II Environmental Site Assessment, Santa Barbara County, California. Conducted an assessment of a vacant parcel to evaluate soil and groundwater conditions in the area of a former on-site diesel-fuel underground storage tank (UST). Assessment activities included coordination of Geoprobe sampling to a depth of approximately 20 feet below ground surface, and an analysis of laboratory analytical soil and groundwater sample results including total petroleum hydrocarbons in gasoline (TPH-G) and diesel-fuel (TPH-D) and for volatile organic compounds (VOCs).

Teachers Insurance and Annuity Association, Limited Phase II Environmental Site Assessment, Kern County, California. Conducted a Phase I ESA of a 20 acres of vacant land located in Bakersfield, California. Subsequently, soil sampling was conducted to evaluate numerous piles of soil that were present on-site in an effort to characterize the material. Successfully completed soil sampling by

manually collecting five discrete soil samples from each soil pile section at a depth of approximately six inches, and the five discrete soil samples from each soil pile section were combined into one composite soil sample for laboratory analysis. Results were analyzed, and it was concluded that unidentified on-site soil piles or the historical use of the site did not significantly impacted the site.

Realty Associates Advisors, LLC, Closure of a Clarifier, Los Angeles County, California. Managed the request for a permit from the Los Angeles County Department of Public Works (LACDPW) for closure of an on-site clarifier. Following successful receipt of the closure permit from LACDPW, conducted soil verification sampling, met with the LACDPW inspector while onsite, and documented removal of the on-site clarifier facility. Collected verification soil samples from the clarifier excavation in accordance with EPA Method 5035 for volatile organic analysis. Sampling and closure documentation/reporting resulting in the successful closure of the on-site clarifier facility from the LACDPW.

Department of Toxic Substances Control, Start-Up Testing of Methane Mitigation System, Ventura County, California. Supported start-up testing of a methane mitigation system by monitoring for methane concentrations in the field using portable hand-held methane-specific instruments such as a flame-ionization detector (FID) and the LANDTEC 2000 Landfill Gas Indicator or equivalent instruments. Recorded barometric pressure with a barometer and measured subsurface concentrations of methane, oxygen, and carbon dioxide using a combination of the FID and LGI instruments. Measured indoor vent-riser pipes with the FID and LGI for methane concentrations.

Southern California Gas Company, Integrated Storm Water/Oil Spill Prevention Control and Countermeasure (SPCC) Plan Updates Portfolio, Southern California. Conducted site reconnaissance and modified original draft documents of a dozen natural gas compression facilities in order to reconcile and update their existing Integrated SWPP (storm water) and SPCC (oil spill) plans.

Continental Airlines, Inc., Integrated Spill Prevention Control and Countermeasure (SPCC) and RCRA Contingency Plan and Review, Northern and Southern California. Conducted and provided Spill Prevention Control and Countermeasure (SPCC) and RCRA Contingency Plan review and update services for four airport locations, including a total of nine aircraft line maintenance, hangar, terminal, hangar, and airline kitchen facilities. Integrated plans were prepared to comply with 40 CFR Part 112, as well as applicable waste Contingency Plan requirements under 40 CFR 264.

REXAM Beverage Can Company, Oil Spill Prevention, Control, and Countermeasure (SPCC) Plan, Los Angeles County, California. Updated an Oil Spill Prevention, Control, and Countermeasure (SPCC) Plan for a facility that manufactures beverage cans. Facility operations evaluated included a tank farm with containment areas, bulk aboveground storage transfers, an indoor drum storage room, satellite collection areas and various process equipment within the manufacturing areas, and aboveground and belowground transformers.

BMW of North America, LLC, Oil Spill Prevention, Control, and Countermeasure (SPCC) Plan, Ventura County, California. Updated an Oil Spill Prevention, Control, and Countermeasure (SPCC) Plan for a facility that conducts technical testing for new vehicles. Facility

operations included vehicle wash and fuel dispensing areas, including hazardous material storage areas and vehicle service areas.

County of Ventura, Department of Airports, Spill Prevention Control and Countermeasure (SPCC) Plan, Ventura County, California. Assessed on-site petroleum storage facilities and operations and prepared a plan based on SPCC requirements for a general aviation reliever airport. On-site potential petroleum pollutant sources evaluated included an aviation fuel tank farm, diesel fuel aboveground tanks associated with a deluge fire protection system, diesel fuel associated with an emergency backup generator, and used-oil storage.

Nutro Products, Inc., Spill Prevention Control and Countermeasure Plan (SPCC) Plan, Victorville County, California. Performed assessment on-site petroleum storage facilities and operations and prepared a plan based on SPCC requirements for a dry dog food manufacturing plant. On-site potential petroleum pollutant sources evaluated included lubricating oils, insecticide mixture oil concentrate, diesel fuel, product ingredients containing oil, bulk storage of vegetable oil, and bulk storage of poultry fat.

Kings River Conservation District, Spill Prevention Control and Countermeasure (SPCC) Plan, Piedra, Fresno County, California. Facility operations included assessment of the Pine Flat Power Plant, a hydroelectric generating plant for the Pine Flat Dam. The plant consists of a switchyard and powerhouse located at the base of the dam and includes penstock intake hoist rooms at the top of the dam. The multi-level plant drainage system included an oil-water separator, a drainage sump and an unwatering sump. Total oil storage inventory assessed included over 20,000 gallons of petroleum products.

Schneider National Inc., Spill Prevention Control and Countermeasure (SPCC) Plan, San Joaquin County and Los Angeles County, California. Prepared SPCC Plans for three truck transportation facilities. Facility operations included truck and trailer maintenance and refueling. The Plan was developed according to client specifications including a Plan that follows the regulatory citations in a step-wise manner, and a summary table of how the specific facility operations meet plan requirements.

Publications and Presentations

Detection of Single Nucleotide Mismatches via Fluorescent Polymer Superquenching, Kushon, S.A.; Bradford, K.; Marin, V.; Suhrada, C.; Armitage, B.A.; McBranch, D.; Whitten, D.; Langmuir; (Article); 2003; ASAP Article; DOI: 10.1021/la034323v

Detection of DNA Hybridization via Fluorescent Polymer Superquenching, Kushon, S.A.; Ley, K.D.; Bradford, K.; Jones, R.M.; McBranch, D.; Whitten, D.; Langmuir; (Communication); 2002; 18 (20); 7245-7249. DOI: 10.1021/la026211u