Attachment 2

Phase I Environmental Site Assessments for the Proposed Project Site
Phase I Environmental Site Assessment of
The Fremont Valley Ranch,
Highway 14, Kern County, California

ENSR Corporation
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Highway 14, Kern County, California
EXECUTIVE SUMMARY

Beacon Solar, LLC (BSL) contracted with ENSR Corporation to perform a Phase I Environmental Site Assessment (ESA) of the Fremont Valley Ranch (Ranch) located approximately 14 miles north of Mojave off Highway 14, Kern County, California. This Phase I ESA was performed in conformance with the general scope and limitations of ASTM Standard Practice E 1527-05 for ESAs and the Delivery Work Authorization between ENSR and BSL dated April 20, 2007. Exceptions to, or deletions from, this practice are described in Section 1.3 of this report.

This assessment took place between May 2 and June 15, 2007, with the site visit occurring on May 24, 2007. The Ranch consists of a discontinuous, irregular shaped piece of land made up of 24 separate parcels that cover 2,273 acres. The majority of the Ranch consists of desert that has been disturbed by past agricultural practices associated with alfalfa farming. With the exception of the main Ranch complex (located in the northeastern portion of the Ranch near Highway 14), 12 widely scattered irrigation wells, and several barn structures, the majority of the Ranch is devoid of significant site features.

The main Ranch complex consists of a residence, former maintenance garage, four duplexes, seven mobile home trailers, and a corral. In general, these structures were observed to be in various stages of disrepair and neglect. Two underground storage tanks (USTs) and their associated dispensers were observed near the former maintenance garage.

The surrounding properties consist of a combination of disturbed desert (by past agricultural activities) and undeveloped desert. During ENSR’s site visit, ENSR observed piles of municipal trash, appliances, and automotive tires on the adjacent property to the east and an abandoned vehicle on the adjacent property to the south. No visual evidence of hazardous waste release was observed on the abutting properties.

Historical research indicates that railroad tracks have been running through the western portion of the Ranch since at least 1915. The majority of the Ranch was vacant undeveloped desert until the Ranch was developed in 1977 as an alfalfa farm. The Ranch was in active agricultural use from the late 1970s until the mid 1980s. Since the mid 1980s the Ranch has been occupied by a series of caretakers, but has otherwise been inactive (i.e., no ranching operations conducted).

Based on ENSR’s site visit; review of governmental environmental databases, files, and historical documents; and interviews conducted with selected individuals, ENSR considers the presence of the USTs and related fueling equipment to be a recognized environmental condition (REC). The following issues are considered de minimis conditions in connection with the subject property:

- The storage shed, abutting the fuel dispensers was used to store various chemicals. Staining was observed on the floor and the wall of the shed. The concrete beneath the floor was observed to be intact and in good condition. ENSR considers the staining to be a de minimums condition.

- Garbage, abandoned vehicles (within the main Ranch complex) and miscellaneous debris were observed throughout the Ranch. Some illicit dumping of automotive tires was observed east of the subject property. ENSR considers the garbage, abandoned vehicles and miscellaneous debris that was observed sporadically throughout the Ranch to be a de minimums condition.

The following non-ASTM issues should be noted:

- Based on their date of construction (late 1970s) the building materials in the onsite residence and duplexes may contain asbestos.
The painted surfaces of the residence,duplexes,and storage sheds varied from fair to poor,with peeling and flaking paint observed. The painted surfaces may contain lead-based paint.

Based on the above findings, ENSR recommends the following.

- The USTs, dispensers and associated piping should be removed in accordance with local and state guidelines.

- An asbestos survey of the subject property should be conducted and any identified asbestos should be removed in accordance with local and State guidelines prior to site redevelopment.

- The painted surfaces of the onsite structures should be sampled to determine if they contain lead. If lead is determined to be present in the painted surfaces, the surfaces that are observed to be in poor condition (i.e. flaking and/or peeling) should be abated by a qualified contractor in accordance with local and State regulation.
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1.0 Introduction

1.1 Purpose

The purpose of this ESA is to provide the client with information for use in evaluating potential environmental concerns associated with the subject property.

1.2 Scope of work

The Phase I ESA included a site visit, regulatory research, historical review, and environmental database search of the Fremont Valley Ranch located approximately 14 miles north of Mojave off Highway 14, Kern County, California. In conducting the Phase I ESA, ENSR assessed the subject property for visible signs of possible contamination, researched public records for the subject property, and conducted interviews with representatives of the public, regulatory agencies, current tenants, and the property management. This project was performed in general accordance with American Society for Testing and Materials (ASTM) Standard Practice Designation E 1527-05 and the Delivery Work Authorization between ENSR and BSL dated April 20, 2007.

ENSR's standard terms and conditions for this report include, in addition to the ASTM Phase I ESA scope of work, visual assessment of potential asbestos-containing materials (ACM), lead-based paint, and equipment with the potential to contain polychlorinated biphenyls (PCBs). Conclusions made in this report are based upon the assessment performed and are subject to the study limitations presented in Section 1.3, below.

1.3 Study limitations

This report describes the results of ENSR's Phase I ESA conducted to identify the potential presence of a significant hazardous material or a petroleum hydrocarbon contamination problem involving or materially affecting the subject property. During the course of this due diligence assessment, ENSR has attempted to independently assess the potential presence of such conditions within the limits of the established scope of work as described in our proposal.

As with any due diligence evaluation, there is a certain degree of dependence upon verbal information provided by facility or site representatives which is not readily verifiable through visual observations or supported by any available written documentation. During the course of this due diligence assessment, ENSR has attempted to independently assess the potential presence of such conditions within the limits of the established scope of work as described in our proposal. However, verification of potentially important facts is not always possible. ENSR 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.

This report was prepared by ENSR in accordance with the agreed upon scope of work and generally accepted scientific practice in effect at the time of ENSR's assessment of the subject property. The statements, conclusions, and opinions contained in this report are only intended to give approximations of the environmental condition of the site. Moreover, there are several major limitations that are inherent in the conduct of this, or any other, environmental due diligence assessment.

- First, it is difficult to predict which, if any of the potential environmental issues identified will become actual problems in the future, for federal and state environmental regulations continually change, as do the enforcement priorities of the applicable governmental agencies involved.
Second, even for problems currently identified, it is often difficult and sometimes impossible to accurately estimate the liabilities that may be involved in remedying the problem(s), for the legal and technological standards for evaluating, remedying, and allocating liability for environmental issues are in a constant state of change. Moreover, the liability for remedying environmental problems tends to be highly dependent upon agency negotiations and the sometimes arbitrary and unpredictable nature of agency officials charged with such negotiations.

Third, there is always the distinct possibility that major sources of future environmental liability have yet to manifest themselves to the point where they are reasonably identifiable through an external assessment such as the one conducted herein.

This report was prepared by ENSR for the benefit of its client, BSL. ENSR's client may release the information to third parties, who may use and rely upon the information at their discretion. However, any use of or reliance upon the information by a party other than specifically named above shall be solely at the risk of such third party and without legal recourse against ENSR, its parent, its subsidiaries and affiliates; or their respective employees, officers, or directors; regardless of whether the action in which recovery of damages is sought is based upon contract, tort (including the sole, concurrent, or other negligence and strict liability of ENSR), statute, or otherwise. This information shall not be used or relied upon by a party that does not agree to be bound by the above statement.

Notwithstanding the above, any lender for which the subject property may be collateral for a loan by said lender shall have the right to rely on this report with the same rights and subject to the same limitations as BSL.

1.4 Data failure/data gaps

ENSR submitted Freedom of Information Act (FOIA) requests to the Regional Water Quality Control Board (RWQCB) and the Kern County Department of Environmental Health (KCDEH) regarding historical hazardous materials releases at the subject property (if any). Responses to these FOIA requests have not been received as of the date of this report. Based on the information contained within this report, ENSR does not anticipate that the responses from these regulatory agencies will alter the conclusions or recommendations of this report. Therefore, ENSR does not consider this a significant data failure or gap in the preparation of this report.
2.0 Site Description

2.1 Site location

The Ranch is located off Highway 14, approximately 14 miles north of the town of Mojave, approximately one mile southwest of the unincorporated community of Cantil, and approximately 3.5 miles south of Jawbone Canyon in the northern part of the Antelope Valley, Kern County, California. The area of the subject property is referred to as the Fremont Valley and is generally occupied by various ranches and undeveloped desert. The approximate location of the Ranch is illustrated on Figure 1 - Site Location Map.

2.2 Site ownership

The Ranch is currently owned by Amona Investments, Inc., of Beverly Hills, California. According to Mr. Kenneth Switzer of Switzer Land Company, prior to Amona Investments, Inc. the subject property was owned by BTU Gas and Oil and prior to that time by Bob Reynolds, the former President of the California Angels baseball team.

2.3 Site Visit

Mr. Jim Fickerson of ENSR’s Camarillo, California, office visited the Ranch on May 24, 2007. During the site visit Mr. Fickerson interviewed and was periodically accompanied by Mr. Adam Perez, former foreman of the Ranch. The weather at the time the site visit was excellent with clear skies, dry conditions, and temperatures in the upper 80s F. Representative photographs taken during the site visit are provided as Appendix A.

The site visit methodology consisted of walking through the exterior area of the ranch complex, viewing representative interior areas of the duplexes, mobile homes, and maintenance garage; and driving the perimeter of the property and selected portions of the interior of the subject property. Field binoculars were used during the course of the assessment to ensure that significant site features were visually evaluated. ENSR did not enter or evaluate the interior of the onsite residence. In addition, ENSR was unable to closely evaluate the three portions of the subject property that extended to the west of Highway 14 as these portions of the Ranch lacked vehicle access and were covered in heavy creosote scrub. The following sections summarize the results of the site visit.

2.3.1 Site description

The Ranch is commonly referred to as the Fremont Valley Ranch (Ranch). The Ranch consists of a discontinuous, irregular shaped piece of land made up of 24 separate parcels that cover 2,273 acres. For ease of description in this report, the Ranch has been arbitrarily divided into seven sections (Sections A through E). The division of the Ranch into these seven sections, as well as the general layout of the Ranch and significant site features are illustrated on Figure 2 – Site Plan.

During the site visit no visual evidence of groundwater monitoring wells, clarifiers, or dry wells, was observed on the Ranch. No discolored soil, water, or unusual vegetative conditions were observed at the time of ENSR’s site visit. The following provides a description of the seven sections of the Ranch.
Section A

Section A of the Ranch is an approximately rectangular-shaped parcel of land located west of Highway 14 and the main portion of the Ranch. This section consists of relatively undisturbed desert. No staining or visual evidence of hazardous materials release was observed in this section of the Ranch.

Section B

Section B of the Ranch is an irregularly shaped parcel of land located on the west side of Highway 14, approximately ¼ mile south of Section A. Like Section A, this section consists of relatively undisturbed desert. An unpaved road runs along the western portion of this section and Highway 14. No staining or visual evidence of hazardous materials release was observed in this section of the Ranch.

Section C

Section C is the smallest of the seven sections of the Ranch. Section C is a rectangular-shaped parcel that is divided by Highway 14. Section C is located approximately 1,000 feet north of Section B and 1,000 feet south of Section A. Like Sections A and B, this section consists of relatively undisturbed desert. However, this section does contain one irrigation well. Like the other 11 irrigation wells observed throughout the Ranch, this well was observed to be in a state of disrepair. No staining or visual evidence of hazardous materials release was observed in this section of the Ranch.

Section D

Section D is a square-shaped parcel of land that measures approximately one mile long by half a mile wide. In general, this section is bordered on the north by the unpaved and unnamed road, east by the unpaved Cheyenne Boulevard, to the south by a fence, and to the west by Highway 14. Union Pacific railroad tracks meander through this section of the Ranch from north to south. The majority of this section consists of disturbed desert. According to Mr. Perez, this section of the Ranch was heavily tilled and used to grow alfalfa from the late 1970s until the mid 1980s.

A Ranch complex consisting of a residence, former maintenance garage, four duplexes, seven mobile home trailers, and a corral are located in the northwest corner of this section. In general, these structures were observed to be in various stages of disrepair and neglect. The specific features of the Ranch complex are illustrated on Figure 3 – Ranch Plan and discussed in additional sections of this report as appropriate.

Approximately 200 feet east of the Ranch complex, the skeleton of two metal barns were observed. Metal sheets formerly associated with the roof of the barns were observed strewn around the barns. According to Mr. Perez, the Ranch is plagued by high winds that cause large dust storms and damage the barns. Miscellaneous debris and trash were observed around the barns.

Approximately ½ mile further east, an earth-lined irrigation basin is located in the northeast corner of this section. According to Mr. Perez, this basin was formerly used to store water. Approximately five irrigation wells were observed throughout this portion of the Ranch. No staining or visual evidence of hazardous materials release was observed in this section of the Ranch.
Section E

Section E is an irregularly-shaped parcel of land that measures approximately one mile long by ½ mile wide. In general, this section is bordered on the north by the unpaved Munsey Road, on the east by Section G, to the south by an unpaved and unlabeled road, and to the west by the unpaved Cheyenne Boulevard. A dry desert wash runs from north to south through the central portion of this section of the Ranch and an overhead power line runs from east to west through the central portion of this section. This section of the Ranch consists primarily of desert that has been disturbed by past agricultural activities. Approximately three irrigation wells were observed throughout this section. No staining or visual evidence of hazardous materials release was observed in this section of the Ranch.

Section F

Section F is square-shaped parcel of land that measures approximately one mile long by one mile wide. In general, this section of the Ranch is bordered to the north by an unpaved and unlabeled road, to the east by a wooden fence, to the south by a wooden fence, and to the west by Cheyenne Boulevard. A dry desert wash runs from north to south through the western half of this section of the Ranch. This section consists primarily of desert that has been disturbed by past agricultural activities. One irrigation well was observed in the northwest portion of this section of the Ranch. Two metal barns were observed in the north central portion of this section of the Ranch. Similar to the barns observed in Section D, near the main Ranch complex, these barns were observed in a severe state of disrepair. The barns were missing their roofs, and metal debris and trash were observed in the vicinity of the barns. No staining or visual evidence of hazardous materials release was observed in this section of the Ranch.

Section G

Section G is a rectangular-shaped parcel of land located in the northeast corner of the ranch that measures approximately one mile long by ½ mile wide. In general, this section of the Ranch is bordered to the north by Munsey Road, to the south by an unnamed and unlabeled road, and to the west by a wooden fence (to the north) and Section E (to the south). The eastern boundary of this section was difficult to discern from the surrounding desert. An occasional fence post provided some indication of the eastern property boundary. This section consists primarily of desert that has been disturbed by past agricultural activities. Two irrigation wells were observed in this section of the Ranch. No other significant features/structures were observed within this section of the Ranch. No staining or visual evidence of hazardous materials release was observed in this section of the Ranch.

2.3.2 Legal description

According to information provided by FPL, the subject The Property is described as 2,273 acres of land, more or less, located in Sections 3, 4, 7, 8 and 9, Township 31 South, Range 37 East, having Kern County Assessor Parcel Numbers as follows:

469-021-01-00-3C, 469-021-02-00-6C, 469-021-05-00-5C, 469-021-10-00-9C, 469-022-01-00-0C, 469-022-02-00-3C, 469-022-03-00-6C, 469-022-06-00-5C, 469-022-09-00-4C, 469-050-01-00-5C, 469-050-02-00-8C, 469-050-05-00-7C, 469-050-06-00-0C, 469-050-09-00-0C, 469-050-17-00-2C, 469-050-18-00-5C, 469-060-01-00-8C, 469-060-02-00-1C, 469-060-12-00-0C, 469-060-13-00-3C, 469-060-16-00-2C, 469-060-17-00-5C, 469-082-14-00-6C, 469-082-16-00-2C, 469-082-26-00-1C, 469-091-28-00-3C, 469-092-13-00-6C, and 469-092-27-00-7C.
2.3.3 Building description

The locations of the buildings on the subject property are illustrated on Figure 3. The following sections provide a brief description of the onsite structures.

Residence

An approximately 1,000-square-foot single-story residence is located in the northwest portion of the Ranch complex. The residence is currently being used by a family who is acting as the caretaker for the ranch. The residence appears to be of wood-framed construction with a shake shingle roof. The majority of the windows were boarded up. According to Mr. Perez, electricity was recently connected to the residence. Potable water is provided by a water well located approximately 100 feet to the south. A broken down pickup truck was parked in front of the house. ENSR was not provided with access to the interior of the residence. No staining or visual evidence of hazardous materials release was observed in the vicinity of the residence.

Maintenance Garage

A single-story approximately 1,350-square-foot former maintenance garage is located approximately 50 feet east of the residence. The garage appears to be of wood-frame construction with a shake shingle roof. Two large rollup doors are located along the north side of the garage. Numerous automotive parts, tires, trash and debris was observed within the garage. Several one-gallon containers of coolant and a variety of motor oils and automotive-related chemicals were observed within an office/storage area located on the west side of the garage. Adjoining the south side of the garage was a dilapidated wooden shed. The interior of the shed contained trash and debris. No staining or visual evidence of hazardous materials release was observed inside the garage or the adjoining wooden shed.

Duplexes

Four approximately 1,500-square-foot single-story duplexes were observed within the central portion of the ranch complex. The duplexes appeared to be of wood-frame construction with shake shingle roofs. In general, the exterior of the duplexes appeared to be in fair condition, however miscellaneous personal belongings, trash, and debris was strewn throughout the interior of the duplexes. Two abandoned vehicles were observed adjacent to two of the duplexes. No staining or visual evidence of hazardous materials release was observed inside or within the vicinity of the duplexes.

Mobile Homes

Seven approximately 750-square-foot mobile home trailers are located in the southeast portion of the ranch complex. The exterior trailers was observed to be in poor condition, with broken windows and holes in the floor and/or roof. Trash and debris was observed inside all seven trailers. Due to the unsafe condition of the trailers, ENSR observed the interior of the trailers from the open door of each trailer and did not physically inspect the interior. No staining or visual evidence of hazardous materials release was observed inside or within the vicinity of the duplexes.

2.3.4 Surrounding properties

The surrounding properties consist of a combination of disturbed desert (by past agricultural activities) and undeveloped desert. During ENSR’s site visit, ENSR observed piles of municipal trash, appliances, and automotive tires on the adjacent property to the west and an abandoned vehicle on the adjacent property to the south. No visual evidence of hazardous waste was observed on the abutting properties.
2.3.5 Petroleum hydrocarbons and hazardous materials

ENSR observed one- and five-gallon containers of motor oil, grease, coolant, latex paint, and the herbicide Roundup in the wooden storage shed located near the former maintenance garage. Black staining was observed on the floors and on the walls of the storage shed. However, the concrete floor of the shed appeared to be intact with no cracking observed. No staining or visual evidence of a hazardous materials release was observed in the former maintenance garage or the abutting storage shed.

From early to mid May 2007 EDAW, Inc. of San Diego, California conducted a biological survey of the subject property. The biological survey was conducted by a team of five biologists. In late May 2007, ENSR asked the survey team if they had observed visual evidence of illicit dumping, a hazardous materials spill or staining, abandoned vehicles, and or drums or containers of chemicals on the subject property. The biology team did observe some evidence of illicit dumping including tires and trash (primarily in the north and northeastern portions of the subject property). These observations are consistent with what ENSR observed during our site reconnaissance of the subject property. No other significant conditions were noted by the biologists.

2.3.6 Aboveground storage tanks (ASTs)

Approximately five ASTs were observed within the ranch portion of the subject property. Three of the five ASTs are for the storage of propane. The other two steel ASTs are used for the storage of potable water. Of the two ASTs, one AST measured approximately 10 feet in diameter and was approximately 25 feet high and other AST measured approximately 10 feet long by 4 feet high. According to Mr. Perez, the larger of the two ASTs was historically used by the ranch as their source of potable water, but is not currently in use. The smaller of the two ASTs currently provides the onsite residence with drinking water. The approximate location of the potable water ASTs are illustrated on Figure 3.

2.3.7 Underground storage tanks (USTs)

Two 7,000-gallon steel USTs and their associated dispensing equipment (installed in 1977) are located on the west side of a wooden storage shed located approximately 50 feet southeast of the onsite maintenance garage. The fill port on the northern most UST was labeled gasoline and the southern fill port was labeled diesel-fuel. According to Mr. Perez the USTs were formerly used to fuel vehicles and farming equipment used by the former ranching operations. According to Mr. Switzer, the USTs were buried at a depth of 8 feet below ground surface and topped with 4 feet of sand. The subject property was not listed in the State of California Geotracker® database, or in the environmental database report reviewed by ENSR. The presence of the USTs is considered a recognized environmental condition (REC). The approximate location of the USTs is illustrated on Figure 3.

2.3.8 Solid Waste

No dumpsters or trash enclosures were observed at the subject property during ENSR’s site visit. Municipal trash and miscellaneous debris was observed sporadically throughout the Ranch, however the majority of the trash and debris was observed within the main Ranch complex.

2.3.9 Stormwater

No stormwater drains were observed during ENSR’s site visit. Based on ENSR’s site visit and a review of the topographic maps of the subject property area, stormwater is generally anticipated to flow in a northeasterly direction or infiltrate into the ground.
2.3.10 Utilities
Electricity is provided by Southern California Edison (SCE). Potable water is provided by an onsite water well that is located approximately 100 feet southwest of the onsite residence. The residence is heated by propane and an onsite septic system provides sanitary waste disposal.

2.3.11 Polychlorinated biphenyls
ENSR observed one pole-mounted transformer located approximately 75 feet south of the onsite residence. No staining or visual evidence of a release of transformer-related cooling fluid was observed around the base of the pole-mounted transformer. The pole-mounted transformer was not labeled as to identify if it contained PCB fluid. Federal law has prohibited the manufacture of transformers containing PCBs since 1977. Based on the development of the subject property during this time frame, PCB cooling fluids may be present in the transformer. It has been ENSR’s experience that the transformer is owned and maintained by SCE and a release from the transformers (if any) would be SCE’s responsibility.

2.3.12 Asbestos
Based on the construction of the residence and duplexes in the late 1970s, asbestos-containing-materials may be present. ENSR observed spray-on acoustic ceilings ("popcorn"), vinyl floor tile, and drywall in the four duplexes. The condition these materials ranged from fair to poor. In particular, several holes were observed in ceiling of the duplexes. It should be noted that an asbestos survey of the Ranch was not conducted as part of this assessment.

2.3.13 Lead-based paint (LBP)
Based on the construction of the onsite buildings in the late 1970s LBP may be present in the painted surfaces. During the site visit the painted surfaces appeared to be in fair to poor condition as flaking and chipped paint was observed on several of the onsite structures, particular those south and west facing painted surfaces with exposure to afternoon and evening sunshine. It should be noted that an LBP survey was not conducted as part of this assessment.

2.3.14 Water intrusion
Visual evidence of water intrusion (black mold staining) was observed in several of the duplexes water heater closets. Due to trash, debris, and poor lighting, ENSR was unable to fully evaluate the interior of the duplexes. Mr. Perez was not aware of indoor air quality issues associated with the onsite residence.
3.0 Environmental Setting

3.1 Topography
According to the United States Geological Survey (USGS) topographic maps of the subject property area (Mojave, Castle Butte, Cross Mountain, and Saltedale, California, quadrangles), the elevation of the Ranch ranges between approximately 2,000 feet above mean sea level (msl) on the eastern edge of the site to 2,375 feet above msl on the western edge of the site. Based on a review of the topographic maps and ENSR’s site visit, the Ranch is generally flat with a gradual downward slope to the northeast towards Koehn Lake, which is located approximately six miles northeast of the Ranch.

3.2 Soil
According to information provided by Mr. Switzer and the U.S. Department of Agriculture’s Soil Conservation Services the site soils consist of sandy loam to heavy loam. Soils of this type are anticipated to have high infiltration rates. During ENSR’s site visit, ENSR noted that the onsite surface soils appear to consist of silty sands and cobbles.

3.3 Groundwater
According to California’s Groundwater Bulletin 118, the Ranch is located within the Fremont Valley Groundwater Basin. The basin is characterized by both Quaternary alluvium and lacustrine deposits. However, the alluvium is considered the most important water-bearing material in the basin. Groundwater in the alluvium is generally unconfined. Average well yield in the basin is reportedly 530 gallons per minute (gpm).

Thirteen water wells were observed on the subject property. According to information provided by Mr. Switzer, the wells range in depth from 500 to 1,740 feet bgs. In 1981 (the most recent data available) groundwater reportedly ranged in depth between approximately 160 and 260 feet bgs. In 1980 the wells were reportedly capable of pumping between 500 and 1,693 gpm. Groundwater beneath the Ranch is anticipated to flow to the northeast towards Koehn Lake. During ENSR’s site visit, the majority of the wells were observed to be in a state of disrepair. According to Mr. Perez, the water well within the main Ranch complex is the only water well that is currently being used. The approximate locations of the wells are illustrated on Figure 2.

3.4 Radon
Radon is a radioactive gas that is generated by the decay of radium in the underlying soil and rocks. Radon gas levels are highly site specific and are influenced by soil and building conditions, including pressure differentials between the soil and the building. The U.S. EPA has established a guideline threshold of 4.0 PicoCuries per liter (pCi/L) of air, above which there may be adverse health risks if exposure continues over a prolonged period of time (generally 70 years).

Review of the EDR report revealed that one State radon test has been conducted in the ZIP code for the subject property (Zip code 93501). The results of this test revealed that less than 4.0 pCi/L of radon per liter of air were detected. According to the EDR report the site is located in EPA Radon Zone 2. Of 94 sites tested in Kern County, the average radon concentration was reported to be 1.422 pCi/L in first floor of the building. No results were provided for the basement or second floor living spaces. Based on this information, it is ENSR’s opinion that radon does not present a significant environmental concern at the subject property. No site-specific radon testing information was provided for ENSR’s review.
3.5 Wetlands

No wetlands-type vegetation (i.e., cattails, etc.) was observed during the site visit, nor were wetlands depicted on the USGS map for the site area. In addition, no pits, ponds, or lagoons were observed onsite during ENSR’s visit. A desert wash that trends to the north-northeast bisects the central portion of the Ranch. It appears that portions of the wash have been significantly distributed by past ranching operations. The wash was observed to be dry the day of ENSR’s site visit. Please note that a wetlands delineation survey was not conducted as part of this assessment.

3.6 Floodplains

According to the Federal Emergency Management Agency (FEMA) flood insurance rate map (1996) the proposed project location contains areas predisposed for minimal flooding and areas within the 100-year flood zone. The 100-year flood zone trends north-northeast through the center of the site.
4.0 Site and Area History

Historical information for the Ranch and surrounding properties is based on ENSR’s review of aerial photographs dated 1952, 1983, 1994, and 2002; topographic maps dated 1915, 1947, 1956, 1967, 1973, 1980, 1986, and 1994; an undated Memorandum of Information provided by Mr. Switzer; and interviews with Mr. Switzer, Mr. Perez, and Mr. Solomon Rastegar of Amona Investments, Inc. Mr. Switzer, Mr. Perez, and Mr. Rastegar have been associated with the Ranch for approximately 25, 20, and 13 years, respectively.

According to EDR, no Sanborn® fire insurance maps are available for the subject property. No previously prepared environmental reports were provided for ENSR's review during the course of this assessment or are thought to be available according to Mr. Switzer and Mr. Rastegar.

4.1 Subject property

Historical research indicates that the Ranch was vacant undeveloped desert from at least 1915 until the mid to late 1970s when the Fremont Valley Ranch was first developed. The Southern Pacific Railroad tracks are shown running through the western portion of the Ranch in the 1915 topographic map (the earliest historical resource available).

According to Mr. Switzer, the Ranch was first developed in 1977 by Mr. Robert Reynolds and Mr. Frank Arciero. Mr. Reynolds was a former college football star and part owner of the California Angels Baseball team, and Mr. Arciero remains one of the largest vintners in the San Ynez Valley, near Paso Robles California.

Mr. Reynolds reportedly owned the land and Mr. Arciero operated the Ranch as an alfalfa farm. “Off spec” alfalfa was used to fatten cattle in a cattle operation that was conducted within the main Ranch complex. In 1981 the ranch was sold to BTU Gas and Oil Company who continued to operate the ranch as an alfalfa farm. According to Mr. Switzer, BTU did not understand the farming business and subsequently foreclosed on the property which was obtained by Mr. Reynolds in the early to mid 1980s. During this timeframe day to day operation of the ranch was handled by Mr. Arciero’s son. According to Mr. Switzer, the ranch was poorly run during this time frame and farming operations ceased in approximately 1988. In approximately 1994 the Ranch was purchased by Mr. Ragstegar and his partner Israel Nambar under the name Amona Investments, Inc. According to Mr. Ragstegar, he and his partner purchased the ranch as an investment with the intention of selling its water, which never panned out. According to Mr. Perez and Mr. Switzer no farming as been conducted since approximately the mid 1980s. According to Mr. Switzer, over the years the ranch has been looked after by a series of caretakers. For the last two years the Ranch as been overseen by Mr. Perez’s, son who currently lives in the onsite residence with his family.

According to Mr. Perez, when the Ranch was in operation, aerial chemical spraying was occasionally conducted to apply fertilizers and pesticides. Agricultural chemicals were stored in the wood shed located near the onsite fueling area. Mr. Perez, did not recall the specific names of the chemicals used.

During ENSR’s site visit, ENSR noted two fueling dispensers, fuel ports, and associated USTs. Mr. Switzer was not originally aware of the presence of the USTs. According to Mr. Perez the USTs were formerly used to fuel the ranch vehicles and related machinery. According to Mr. Switzer who subsequently spoke with Mr. Arciero, the USTs were installed in 1977. It is ENSR’s opinion, that USTs and their associated fueling equipment are a REC.
Neither Mr. Perez nor Mr. Switzer were aware of previous releases of hazardous materials at the subject property.

4.2 Adjacent sites

Historical research indicates that the surrounding sites were largely vacant and undeveloped desert from at least the early 1900s until the mid to late 1970s when the properties to the north were developed in conjunction with the subject property into agricultural use (primarily alfalfa). Highway 14 (then known as Keeler Road) is shown on the earliest historical resource available, the 1915 topographic map. Subdivision roads border the north property boundary of Section E in the 1983 aerial photograph. It is unclear if these roads were constructed as part of the California City master plan in the late 1950s to early 1960s. Land east of Section G (just east of Neuralia Road) was developed between the mid 1950s and mid 1970s with some residential development. No other significant development appears to have taken place in the vicinity of the subject property. No historical offsite sources of concern were identified.
5.0 Database and Records Review

5.1 User Provided Information

ENSR contacted Mr. Kenneth Stein with BSL regarding his knowledge of title records, environmental liens, specialized knowledge, and/or real estate value reduction issues associated with the subject property. Mr. Stein was not aware of environmental cleanup liens or activity use limitations that had been placed on the subject property. Mr. Stein stated that he did not have specialized knowledge or experience that is material to RECs in connection with the subject property. It was Mr. Stein’s opinion that the purchase price of the subject property reflected its fair market value.

Mr. Stein stated that he was told that the subject property had been used for agricultural uses in the past, but he was unaware of the specific chemicals, spills, chemical releases, or environmental cleanups that have taken place at the subject property. According to Mr. Stein, it was his opinion that there were no obvious indicators pointing to the presence or likely presence of contamination at the subject property.

5.2 Title Records/Environmental Liens

ENSR subcontracted with EDR to perform an environmental lien search (ELS) of the main Ranch complex portion of the subject property. According to an ELS report dated June 7, 2007, no environmental liens were found within the land title records. In addition, no activity or use limitations (AULs) were discovered in the environmental lien search. A copy of the ELS report is provided in Appendix B.

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 EDR report 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 EDR report. Sites that could not be mapped by EDR were researched by ENSR during the site reconnaissance. A summary of the results of the EDR database search are presented below. A list of the databases searched and the search distances are provided in the EDR report. A copy of the database report is provided in Appendix C.

Based on ENSR’s research, the subject property is not located on or within a one-mile radius of tribal lands.

5.3.1 Subject property

The subject property was not listed in the environmental database report.

5.3.2 Surrounding sites

None of the surrounding sites were identified in the environmental database report. The nearest environmental database listing is for the Honda Proving Center located approximately one mile east of the subject property and the Jawbone Canyon Store located approximately 2.5 miles northwest of the subject property. The Honda Proving Center is listed on the Haznet and SWEEPS UST databases, neither of which are contamination-related databases. The Jawbone Store is listed in the Haznet, LUST, and Cortese databases. Based on its distance and down-gradient position relative to the subject property, it is ENSR’s opinion that the Jawbone Canyon Store is not a REC.
No additional offsite sources of concern were identified in the environmental database report, or during ENSR’s area reconnaissance.

5.4 Agency review

5.4.1 Kern County Environmental Health Department

ENSR submitted a Freedom of Information Act (FOIA) request to the Kern County Environmental Health Department Hazardous Materials Program (County) to determine if they have files related to the onsite USTs and/or a historical hazardous materials release that may have occurred at the subject property. As of the date of this report, a response from the County has not been received. Based on ENSR’s research to date, ENSR does not anticipate the response from the County to our FOIA request will significantly alter the conclusions or recommendations of this report.

5.4.2 Regional Water Quality Control Board

ENSR submitted a FOIA to Ms. Robin Coale with the Regional Water Quality Control Board (RWQCB) to determine they have files related to the UST and/or a historical hazardous materials release that may have occurred at the subject property. As of the data of this report, a response to ENSR’s FOIA requests had not been received from the RWQCB. Based on ENSR’s research to date, ENSR does not anticipate the response from the RWQCB to our FOIA request will significantly alter the conclusions or recommendations of this report.
6.0 Conclusions and Recommendations

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the subject property. Any exception to, or deletions from, this practice are described in Section 1.0 of the report. This assessment has identified that two USTs and associated fueling equipment are located within the main Ranch complex. The presence of the USTs and fueling equipment is a REC.

The following de minimis condition was identified:

- The black staining observed on the floor and walls of the wooden shed located adjacent to the USTs is considered a de minimis condition

The following non ASTM issues should be noted:

- Based their age (approximately 30 years) the building materials of the onsite residence, maintenance, garage, and duplexes may contain asbestos and the painted surfaces of these structures, as well as the two onsite wooden sheds, may contain LBP.

Based on ENSR’s site visit; review of governmental environmental databases, files, and historical documents; and interviews conducted with selected individuals, ENSR recommends the following.

- The USTs, dispensers and associated piping should be removed in accordance with local and state guidelines.

- An asbestos survey of the subject property should be conducted and any identified asbestos should be removed in accordance with local and State guidelines prior to site redevelopment.

- The painted surfaces of the onsite structures should be sampled to determine if they contain lead. If lead is determined to be present in the painted surfaces, the surfaces that are observed to be in poor condition (i.e. flaking and/or peeling) should be abated by a qualified contractor in accordance with local and State regulation.
7.0 Quality Control/Quality Assurance

7.1 Site visit, research, and report preparation:
The site visit, research and report preparation were conducted by Mr. Jim Fickerson, Senior Project Manager, in ENSR’s Camarillo, California office. Mr. Fickerson completed this report on June 15, 2007. Mr. Fickerson has over 10 years of environmental due diligence experience and has performed and/or managed hundreds of Phase I ESAs of commercial and industrial property located throughout the United States. Mr. Fickerson’s signature is below and his resume is included in Appendix D.

Signature: ___________________________
Jim Fickerson, Senior Project Manager

7.2 Quality control review
A review of this report was conducted by Ms. Brenda Miller, Section Manager, in ENSR’s Camarillo, California, office. Ms. Miller completed her review of this report on June 15, 2007. Ms. Miller has over 15 years of environmental due diligence experience and has performed and/or managed hundreds of Phase I ESAs of commercial and industrial property located throughout the United States. Ms. Miller’s signature is below and her resume is included in Appendix D.

Signature: ___________________________
Brenda Miller, Section Manager

7.3 Environmental professional statement
Mr. Fickerson was the Environmental Professional for this project. Mr. Fickerson’s Environmental Professional statement is below:

I declare that, to the best of our professional knowledge and belief, I meet the definition of an Environmental Professional as defined in §312.10 of 40 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 the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Signature: ___________________________
Jim Fickerson, REA
Senior Project Manager

Date: June 15, 2007
8.0 References

8.1 Persons Interviewed/Agencies Contacted

Coale, Robin, Lahontan Regional Water Quality Control Board, Victorville Office, 14440 Civic Drive, Suite 200, Victorville, California 92392, (760) 241-6583, rcoale@waterboards.ca.gov. Contacted by Mr. Jim Fickerson, ENSR Corporation, 1220 Avendia Acaso, Camarillo, California 93012, on June 1, 2007.

Perez, Adam, former ranch Forman. Interviewed onsite by Mr. Jim Fickerson, ENSR Corporation, 1220 Avendia Acaso, Camarillo, California 93012, on May 24, 2007.


Rastegar, Solomon, Amona Investments, Inc., a California, Corporation, 1005 Schuyler Road, Beverly Hills, California 90210. Interviewed via telephone by Mr. Jim Fickerson, ENSR Corporation, 1220 Avendia Acaso, Camarillo, California 93012, May 2, 2007.


8.2 Documents Reviewed


Assessor Parcel Information, Kern County Assessors. Information reviewed online at: http://assessor.co.kern.ca.us/kips/property_search.asp


EDR Radius Map with GeoCheck®, California City Solar Project, Near Munsey Rd & Cheyenne Boulevard, California City, California 93501, dated May 2, 2007. Inquiry Number 01917024.2r. Report prepared by Environmental Data Resources, 440 Wheelers Farms Road, Milford, Connecticut 06460, (800) 352-0050.


Property Information Resume. Information provided by Switzer, Ken, Switzer Land Company, 609 West Ojai Avenue, Ojai, California 93023, (805) 646-1276.


FIGURES
APPENDIX A
Representative Site Photographs
<table>
<thead>
<tr>
<th>Photo No.</th>
<th>Date</th>
<th>Direction Photo Taken</th>
<th>Description</th>
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<tr>
<td>1</td>
<td>5/24/07</td>
<td>South</td>
<td>View of residence and former maintenance garage.</td>
</tr>
<tr>
<td>2</td>
<td>5/24/07</td>
<td>Southwest</td>
<td>View of residence, former maintenance garage, and duplex located within the ranch.</td>
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# PHOTOGRAPHIC LOG

**Site Name:**
Fremont Valley Ranch

**Site Location:**
29954 Highway 14, Kern County, California

**Project No.**
10056-015-100

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<th>Description</th>
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<td>3</td>
<td>5/24/07</td>
<td>South</td>
<td>View of storage shed, abandoned vehicle, portion of the maintenance, garage, and former potable water storage tank.</td>
</tr>
<tr>
<td>4</td>
<td>5/24/07</td>
<td>East</td>
<td>View of storage shed and debris near the former maintenance garage and residence.</td>
</tr>
<tr>
<td>Photo No.</td>
<td>Date</td>
<td>Direction Photo Taken</td>
<td>Description</td>
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<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>5</td>
<td>5/24/07</td>
<td>West</td>
<td>View of one of four duplexes.</td>
</tr>
<tr>
<td>6</td>
<td>5/24/07</td>
<td>West</td>
<td>View of fuel dispensers and storage shed located near the former maintenance garage. Gasoline is on the left hand side of the photo and diesel-fue...</td>
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# PHOTOGRAPHIC LOG

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<td>7</td>
<td>5/24/07</td>
<td>South</td>
<td>View storage shed that is adjacent to the fuel dispensers.</td>
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<tr>
<td>8</td>
<td>5/24/07</td>
<td>NA</td>
<td>Representative view of the condition of the duplexes</td>
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**PHOTOGRAPHIC LOG**

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<td>9</td>
<td>5/24/07</td>
<td>Southwest</td>
<td>Typical view of the ranch that has been disturbed by the former ranching operations. Note barn in the distance.</td>
</tr>
<tr>
<td>10</td>
<td>5/24/07</td>
<td>Northwest</td>
<td>View of the ranch from the Southern Pacific Railroad tracks.</td>
</tr>
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<td>Photo No.</td>
<td>Date</td>
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<td>Description</td>
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</tr>
<tr>
<td>11</td>
<td>5/24/07</td>
<td>West</td>
<td>View of a barn formerly used to store alfalfa located in the central portion of the ranch.</td>
</tr>
<tr>
<td>12</td>
<td>5/24/07</td>
<td>North</td>
<td>View wash that runs through the central portion of the ranch.</td>
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# PHOTOGRAPHIC LOG

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<td>13</td>
<td>5/24/07</td>
<td>Southwest</td>
<td>View of the southeast portion of the ranch.</td>
</tr>
<tr>
<td>14</td>
<td>5/24/07</td>
<td>Southwest</td>
<td>View of two of the four duplexes.</td>
</tr>
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</table>

**Site Name:** Fremont Valley Ranch  
**Site Location:** 29954 Highway 14, Kern County, California  
**Project No.:** 10056-015-100
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<th>Description</th>
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<tr>
<td>15</td>
<td>5/24/07</td>
<td>NA</td>
<td>View of chemicals and debris stored inside a wooden shed located near the former maintenance garage.</td>
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<tr>
<td>16</td>
<td>5/24/07</td>
<td>Southeast</td>
<td>View of the corral with mobile trailers located in the background to the south and the duplexes to the north (right side of photo).</td>
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APPENDIX B
Environmental Lien Search
FREEMONT VALLEY RANCH
29954 HIGHWAY 14
MOJAVE, CALIFORNIA

Thursday, June 7, 2007
Project Number: L07-04526
The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

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

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

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

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The EDR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

Freemont Valley Ranch
29954 Highway 14
Mojave, California

RESEARCH SOURCE

Source: Kern County Assessor
Kern County Recorder

DEED INFORMATION

Type of Instrument: Quit Claim Deed
Title is vested in: Amona Investments, Inc., a California corporation
Title received from: Namco Capital Group, Inc., a California corporation (as to an undivided 50% interest) and Solomon Rastegar (as to an undivided 50% interest)
Deed Dated: 01/09/1995
Deed Recorded: 01/30/1995
Instrument: 0195011059

LEGAL DESCRIPTION

A portion of that certain unincorporated area of Section 8, Township 31 South, Range 37 East, situated and lying in the City of Mojave, Kern County, State of California
Assessor's Parcel Number(s): 469-022-02-4

ENVIRONMENTAL LIEN

Environmental Lien: Found □ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found □ Not Found ☒
## Quitclaim Deed

The undersigned grantor(s) declare(s):

**DOCUMENTARY TRANSFER TAX IS $0.90**

1. Computed on full value of property conveyed, or
2. Computed on full value less liens & encumbrances

Remaining therein at time of sale.

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The undersigned grantee(s) declare(s):

**THE GRANTORS AND THE GRANTEES IN THIS CONVEYANCE ARE COMPASSION OF THE SAME PARTIES WHO CONTINUE TO HOLD THE SAME PROPORTIONATE INTERESTS IN THE PROPERTY, RAY 1192343(4).**

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

**NAMCO CAPITAL GROUP, INC.**, a California corporation as to an undivided 50% interest; **SOLMDOH RASTECAR, AS TO AN UNDIVIDED 50% INTEREST** hereby transfers, assigns and warrants to:

**NAMCO INVESTMENTS, INC.**, a California corporation

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

SET FORTH IN EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF.

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**DATE:** JANUARY 9, 1995

By: [Signature]

SOLMDOH RASTECAR

**STATE OF CALIFORNIA**

**COUNTY OF Los Angeles**

[Signature]

[Signature]

Public in and for

[Signature]

[Signature]
PARCEL 1:


EXCEPT 50% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED BY ROBERT O. REYNOLDS AND FRANK ARGUIRO, MARRIED MEN AS THEIR SEPARATE PROPERTY DOING BUSINESS AS FREEMONT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 15, 1981 IN BOOK 5389 PAGE 733, OF OFFICIAL RECORDS.

PARCEL 2:


EXCEPT 50% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED BY ROBERT O. REYNOLDS AND FRANK ARGUIRO, MARRIED MEN AS THEIR SEPARATE PROPERTY DOING BUSINESS AS FREEMONT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 15, 1981 IN BOOK 5389 PAGE 733, OF OFFICIAL RECORDS.

PARCEL 3:

THE SOUTH HALF OF FRACTIONAL SECTION 4, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, IN THE UNINCORPORATED AREA OF THE COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.

EXCEPT 50% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED BY ROBERT O. REYNOLDS AND FRANK ARGUIRO, MARRIED MEN AS THEIR SEPARATE PROPERTY DOING BUSINESS AS FREEMONT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 15, 1981 IN BOOK 5389 PAGE 733, OF OFFICIAL RECORDS.

PARCEL 4:

THE WEST HALF OF LOTS 1 AND 2 OF THE NORTHEAST QUARTER OF FRACTIONAL SECTION 4, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, IN THE UNINCORPORATED AREA OF THE COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.

EXCEPT 50% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED BY ROBERT O. REYNOLDS AND FRANK ARGUIRO, MARRIED MEN AS THEIR SEPARATE PROPERTY DOING BUSINESS AS FREEMONT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 15, 1981 IN BOOK 5389 PAGE 733, OF OFFICIAL RECORDS.

PARCEL 5:

THE SOUTH HALF OF THE NORTHWEST QUARTER OF FRACTIONAL SECTION 4, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, IN THE UNINCORPORATED AREA OF THE
COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.

SAID SOUTH HALF BEING THAT PORTION OF SAID NORTHWEST QUARTER LYING SOUTHERLY OF A LINE RUNNING EAST AND WEST THROUGH SAID NORTHWEST QUARTER AND DIVIDING EQUALLY THE ACREAGE IN THE NORTHWEST QUARTER SO THAT 1/2 OF THE ACREAGE IN SAID NORTHWEST QUARTER LIES NORTH OF SAID LINE AND 1/2 OF THE ACREAGE IN SAID NORTHWEST QUARTER LIES SOUTH OF SAID LINE.

EXCEPT ALL OIL, GAS, MINERALS AND OTHER HYDROCARBONS.

PARCEL 6:

THE NORTHERN HALF OF THE NORTHWEST QUARTER OF FRACTIONAL SECTION 6, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, IN THE UNINCORPORATED AREA OF THE COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.

SAID NORTHERN HALF BEING THAT PORTION OF SAID NORTHWEST QUARTER LIES NORTHERLY OF A LINE RUNNING EAST AND WEST THROUGH SAID NORTHWEST QUARTER AND DIVIDING EQUALLY THE ACREAGE IN THE NORTHWEST QUARTER SO THAT 1/2 OF THE ACREAGE IN SAID NORTHWEST QUARTER LIES NORTH OF SAID LINE AND 1/2 OF THE ACREAGE IN SAID NORTHWEST QUARTER LIES SOUTH OF SAID LINE.

EXCEPT 1/2 OF ALL OIL, GAS, MINERALS AND OTHER HYDROCARBONS.

ALSO EXCEPT 25% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED TO ROBERT G. REYNOLDS AND FRANK ANGIERO, HARRIED KERN AS THEIR SEPARATE PROPERTY DOING BUSINESS AS FREEDOM VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 15, 1981 IN BOOK 5289 PAGE 723, OF OFFICIAL RECORD.

PARCEL 7:

THE NORTHERN HALF OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, IN THE UNINCORPORATED AREA OF THE COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.

EXCEPT THAT PORTION THEREOF LYING WITHIN A STRIP OF LAND 250 FEET IN WIDTH, THE SIDELINES OF SAID STRIP OF LAND BEING PARALLEL WITH AND DISTANT SOUTHEASTERLY 75 FEET AND NORTHEASTERLY 175 FEET, MEASURED AT RIGHT ANGLES, FROM THAT CERTAIN LINE DESCRIBED IN LIS PENDENS OF SUPERIOR COURT CASE NO. 51961, RECORDED IN BOOK 1598 PAGE 429 OF SAID OFFICIAL RECORDS, A PORTION OF THAT SAID CERTAIN LINE BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTH LINE OF SAID SECTION 7 DISTANCE THEREFROM NORTH 35° 36' 51" EAST, 1256.86 FEET FROM A BUSH CAP KEY TO MARK THE SOUTHWEST CORNER OF SAID SECTION 7; THENCE FROM SAID POINT OF BEGINNING NORTH 23° 57' 13" EAST, 11,717.66 FEET, THENCE NORTH 41° 26' 13" EAST, 202.32 FEET TO A POINT ON THE NORTH LINE OF SECTION 5, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, DISTANT THEREFROM SOUTH 49° 56' 02" EAST, 819.50 FEET FROM A BUSH CAP KEY TO MARK THE SOUTHEAST CORNER OF SAID SECTION 5, AS CONVEYED TO THE CITY OF LOS ANGELES IN DEED RECORDED DECEMBER 17, 1969 IN BOOK 4347 PAGE 436, OF OFFICIAL RECORDS.

ALSO EXCEPT 50% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED TO ROBERT G. REYNOLDS AND
DESCRIPTION

FRANK ARCEILO, MARRIED MEN AS THEIR SEPARATE PROPERTY DOING BUSINESS AS FREMONT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 15, 1981 IN BOOK 5289 PAGE 733, OF OFFICIAL RECORDS.

PARCEL 8:


EXCEPT THAT PORTION THEREOF LYING WITHIN A STRIP OF LAND 250 FEET IN WIDTH, THE SIDELINES OF SAID STRIP OF LAND BEING PARALLEL WITH AND DISTANT SOUTHEASTERLY 75 FEET AND NORTHEASTERLY 175 FEET, MEASURED AT RIGHT ANGLES, FROM THAT CERTAIN LINE DESCRIBED IN DEEDS OF SUPERIOR COURT CASE NO. 52961, RECORDED IN BOOK 1398 PAGE 429 OF SAID OFFICIAL RECORDS, A PORTION OF THAT SAID CERTAIN LINE BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTH LINE OF SAID SECTION 7 DISTANT THEREFROM NORTH 89° 36' 51" EAST, 1368.86 FEET FROM A BRASS CAP SET TO MARK THE SOUTHWEST CORNER OF SAID SECTION 7; THENCE FROM SAID POINT OF BEGINNING NORTH 21° 57' 13" EAST, 11,757.64 FEET; THENCE NORTH 41° 34' 13" EAST, 281.52 FEET TO A POINT ON THE NORTH LINE OF SECTION 5, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, DISTANT THEREFROM SOUTH 89° 58' 02" EAST, 619.50 FEET FROM A BRASS CAP SET TO MARK THE NORTHWEST CORNER OF SAID SECTION 5, AS CONVEYED TO THE CITY OF LOS ANGELES IN DEED RECORDED DECEMBER 17, 1949 IN BOOK 4347 PAGE 438, OF OFFICIAL RECORDS.

ALSO EXCEPT 50% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED BY ROBERT O. REYNOLDS AND FRANK ARCEILO, MARRIED MEN AS THEIR SEPARATE PROPERTY DOING BUSINESS AS FREMONT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 15, 1981 IN BOOK 5289 PAGE 733, OF OFFICIAL RECORDS.

PARCEL 9:


EXCEPT THAT PORTION CONVEYED TO THE STATE OF CALIFORNIA BY DEED RECORDED APRIL 1, 1992 IN BOOK 6654 PAGE 439, OF OFFICIAL RECORDS.

ALSO EXCEPT 50% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED BY ROBERT O. REYNOLDS AND FRANK ARCEILO, MARRIED MEN AS THEIR SEPARATE PROPERTY DOING BUSINESS AS FREMONT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 15, 1981 IN BOOK 5289 PAGE 733, OF OFFICIAL RECORDS.

PARCEL 10:

DESCRIPTION

TO THE OFFICIAL Plat THEREOF.

EXCEPT THAT PORTION CONVEYED TO THE STATE OF CALIFORNIA BY RECORD OF APRIL 1, 1952 IN BOOK 6634 PAGE 439, OF OFFICIAL RECORDS.

ALSO EXCEPT 5% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED BY ROBERT O. REYNOLDS AND FRANK ANCTERO, HARBORING THEM AS THEIR SEPARATE PROPERTY DOING BUSINESS AS PRESENT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 15, 1961 IN BOOK 5369 PAGE 723, OF OFFICIAL RECORDS.

PARCEL 11:

THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 7, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, IN THE UNINCORPORATED AREA OF THE COUNTY OF Kern, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL Plat THEREOF.

EXCEPT THAT PORTION THEREOF LYEING WITHIN A STRIP OF LAND 250 FEET IN WIDTH, THE SIDELINES OF SAID STRIP OF LAND BEING PARALLEL WITH AND DISTANT SOUTHEASTERLY 75 FEET AND NORTHWESTERLY 175 FEET, MEASURED AT RIGHT ANGLES, FROM THAT CERTAIN LINE DESCRIBED IN ILS PERCENTS OF SUPERIOR COURT CASE NO. 52961, RECORDED IN BOOK 1100 PAGE 429 OF SAID OFFICIAL RECORDS, A PORTION OF THAT SAID CERTAIN LINE BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTH LINE OF SAID SECTION 7 DISTANT THEREFROM NORTH 59° 36' 51" EAST, 1284.86 FEET FROM A BRASS CAP SET TO MARK THE SOUTHWEST CORNER OF SAID SECTION 7; THENCE FROM SAID POINT OF BEGINNING NORTH 23° 57' 13" EAST, 11,717.64 FEET, THEREFROM NORTH 41° 34' 13" EAST, 262.32 FEET TO A POINT ON THE NORTH LINE OF SAID SECTION 7, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, DISTANT THEREFROM SOUTH 69° 58' 02" EAST, 819.30 FEET FROM A BRASS CAP SET TO MARK THE NORTHEAST CORNER OF SAID SECTION 7, AS CONVEYED TO THE CITY OF LOS ANGELES IN DEED RECORDED DECEMBER 17, 1969 IN BOOK 4367 PAGE 430, OF OFFICIAL RECORDS.

ALSO EXCEPT 5% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED BY ROBERT O. REYNOLDS AND FRANK ANCTERO, HARBORING THEM AS THEIR SEPARATE PROPERTY DOING BUSINESS AS PRESENT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 15, 1961 IN BOOK 5369 PAGE 723, OF OFFICIAL RECORDS.

PARCEL 12:

THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 7, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, IN THE UNINCORPORATED AREA OF THE COUNTY OF Kern, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL Plat THEREOF.

EXCEPT THAT PORTION THEREOF LYEING WITHIN A STRIP OF LAND 250 FEET IN WIDTH, THE SIDELINES OF SAID STRIP OF LAND BEING PARALLEL WITH AND DISTANT SOUTHEASTERLY 75 FEET AND NORTHWESTERLY 175 FEET, MEASURED AT RIGHT ANGLES, FROM THAT CERTAIN LINE DESCRIBED IN ILS PERCENTS OF SUPERIOR COURT CASE NO. 52961, RECORDED IN BOOK 1100 PAGE 429 OF SAID OFFICIAL RECORDS, A PORTION OF THAT SAID CERTAIN LINE BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
DESCRIPTION

BEGINNING AT A POINT ON THE SOUTH LINE OF SAID SECTION 7 DISTANT THEREFROM NORTH 89° 36' 51" EAST, 1368.86 FEET FROM A BRASS CAP SET TO MARK THE SOUTHEAST CORNER OF SAID SECTION 7; THERE FROM SAID POINT OF BEGINNING NORTH 23° 57' 13" EAST, 11,717.54 FEET; THERE FROM 41° 34' 13" EAST, 282.32 FEET TO A POINT ON THE NORTH LINE OF SECTION 5, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, DISTANT THEREFROM SOUTH 69° 58' 02" EAST, 819.50 FEET FROM A BRASS CAP SET TO MARK THE SOUTHWEST CORNER OF SAID SECTION 5, AS CONVEYED TO THE CITY OF LOS ANGELES IN DEED RECORDED DECEMBER 17, 1969 IN BOOK 4347 PAGE 428, OF OFFICIAL RECORDS.

ALSO EXCEPT 50% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED BY ROBERT O. REYNOLDS AND FRANK ANGIER, HARNESSING THEM AS THEIR SEPARATE PROPERTY DURING BUSINESS AS FREEMONT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 14, 1961 IN BOOK 5369 PAGE 733, OF OFFICIAL RECORDS.

PARCEL 13:

THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 7, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, IN THE UNINCORPORATED AREA OF THE COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.

EXCEPT THAT PORTION THEREOF LYING WITHIN A STRIP OF LAND 250 FEET IN WIDTH, THE BIDELOMS OF SAID STRIP OF LAND BEING PARALLEL WITH AND DISTANT SOUTHEASTERNLY 75 FEET AND NORTHEASTERLY 175 FEET, MEASURED AT RIGHT ANGLES, FROM THAT CERTAIN LINE DESCRIBED IN ITS PARCELS OF SUPERIOR COURT CASE NO. 52361, RECORDED IN BOOK 1998 PAGE 429 OF SAID OFFICIAL RECORDS; A PORTION OF THAT SAID CERTAIN LINE BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTH LINE OF SAID SECTION 7 DISTANT THEREFROM NORTH 69° 36' 51" EAST, 1368.86 FEET FROM A BRASS CAP SET TO MARK THE SOUTHEAST CORNER OF SAID SECTION 7; THERE FROM SAID POINT OF BEGINNING NORTH 23° 57' 13" EAST, 11,717.54 FEET; THERE FROM 41° 34' 13" EAST, 282.32 FEET TO A POINT ON THE NORTH LINE OF SECTION 5, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, DISTANT THEREFROM SOUTH 69° 58' 02" EAST, 819.50 FEET FROM A BRASS CAP SET TO MARK THE SOUTHWEST CORNER OF SAID SECTION 5, AS CONVEYED TO THE CITY OF LOS ANGELES IN DEED RECORDED DECEMBER 17, 1969 IN BOOK 4347 PAGE 428, OF OFFICIAL RECORDS.

ALSO EXCEPT 50% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED BY ROBERT O. REYNOLDS AND FRANK ANGIER, HARNESSING THEM AS THEIR SEPARATE PROPERTY DURING BUSINESS AS FREEMONT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 14, 1961 IN BOOK 5369 PAGE 733, OF OFFICIAL RECORDS.

PARCEL 14:

THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 7, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, IN THE UNINCORPORATED AREA OF THE COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.

EXCEPT 50% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED BY ROBERT O. REYNOLDS AND FRANK ANGIER.
DESCRIPTION

PARCEL 15:

The South Half of the Northeast Quarter of the Southeast Quarter of Section 7, Township 31 South, Range 37 East, Mount Diablo Meridian, in the Unincorporated Area of the County of Kern, State of California, according to the Official Plat therefor.

Except that portion conveyed to the State of California by deed recorded April 1, 1992 in Book 5664 Page 439, of Official Records.

Also except 50% of all minerals, oil, gas, petroleum and other hydrocarbon substances within or underlying said land as reserved by Robert O. Reynolds and Frank Arciero, married men as their separate property doing business as Freemons Valley Ranch, a joint venture, in deed recorded July 15, 1991 in Book 5189 Page 733, of Official Records.

PARCEL 16:

The South Half of the Southeast Quarter of the Southwest Quarter of Section 7, Township 31 South, Range 37 East, Mount Diablo Meridian, in the Unincorporated Area of the County of Kern, State of California, according to the Official Plat therefor.

Except that portion conveyed to the State of California by deed recorded June 8, 1992 in Book 5664 Page 1483, of Official Records.

Also except 50% of all minerals, oil, gas, petroleum and other hydrocarbon substances within or underlying said land as reserved by Robert O. Reynolds and Frank Arciero, married men as their separate property doing business as Freemons Valley Ranch, a joint venture, in deed recorded July 15, 1991 in Book 5189 Page 733, of Official Records.

PARCEL 17:

The East Half of the Southwest Quarter of the Northeast Quarter of the Northwest Quarter of Section 8, Township 31 South, Range 37 East, Mount Diablo Meridian, in the Unincorporated Area of the County of Kern, State of California, according to the Official Plat therefor.

Except a 200 foot right of way located and selected by the Nevada and California Railway Company and the Central Pacific Railway Company (the constructed line of railroad being operated by the Southern Pacific Company, as its Owyhee branch), under the provisions of the Act of Congress approved March 3, 1875, for a railroad from Winnemucca to Owyhee, in Kern County.

Also except all oil, gas, hydrocarbon substances and other minerals within or underlying said lands, but the grantor herein shall not conduct drilling or other operations on the surface of said lands or within the first 500 feet of the suburface without the prior written consent of the surface owner, but nothing herein contained shall be deemed to prevent the grantor, her successors and assigns, from extracting or capturing said minerals by drilling or
CONDUCTING SUB-SURFACE DRILLING OPERATIONS AT DEPTHS BELOW 500 FEET FROM THE SURFACE OF THE GROUND FROM SURFACE LOCATIONS ON ADJACENT OR NEIGHBORING LANDS, AS RESERVED BY ELWIN RUDNICK, IN DEED DATED JANUARY 28, 1969, RECORDED FEBRUARY 28, 1969 IN BOOK 3938 PAGE 122, OF OFFICIAL RECORDS.

PARCEL 18:

AN UNDIVIDED 1/4TH INTEREST IN AND TO ALL OF SECTION 8, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, IN THE UNINCORPORATED AREA OF THE COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.

EXCEPT 12.5% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED BY ROGER O. REYNOLDS AND FRANK ARCISIO, MARRIED MEN AS THEIR SEPARATE PROPERTY DOING BUSINESS AS FREMONT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 15, 1981 IN BOOK 5389 PAGE 733, OF OFFICIAL RECORDS.

PARCEL 19:

AN UNDIVIDED 3/4THS INTEREST IN AND TO ALL OF SECTION 9, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, IN THE UNINCORPORATED AREA OF THE COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.

EXCEPT AN UNDIVIDED 1/4TH INTEREST IN ALL OIL, GAS AND OTHER HYDROCARBON SUBSTANCES AND MINERALS AS EXCEPTED IN DEED DATED FEBRUARY 24, 1953, RECORDED MARCH 3, 1953 IN BOOK 2047 PAGE 343, OF OFFICIAL RECORDS.

ALSO EXCEPT 25% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED BY ROBERT O. REYNOLDS AND FRANK ARCISIO, MARRIED MEN AS THEIR SEPARATE PROPERTY DOING BUSINESS AS FREMONT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 15, 1981 IN BOOK 5389 PAGE 733, OF OFFICIAL RECORDS.

PARCEL 20:

THE WEST HALF OF SECTION 10, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, IN THE UNINCORPORATED AREA OF THE COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.

EXCEPT AN UNDIVIDED 1/2 INTEREST IN ALL MINERAL RIGHTS, INCLUDING OIL AND ITS BY-PRODUCTS, AS RESERVED IN THE DEED FROM CLYDE HOUSSLER, ET AL., RECORDED JULY 21, 1955 IN BOOK 1955 PAGE 345, OF OFFICIAL RECORDS.

ALSO EXCEPT 25% OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LAND AS RESERVED BY ROBERT O. REYNOLDS AND FRANK ARCISIO, MARRIED MEN AS THEIR SEPARATE PROPERTY DOING BUSINESS AS FREMONT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 15, 1981 IN BOOK 5389 PAGE 133, OF OFFICIAL RECORDS.

PARCEL 21:

SECTION 8, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO MERIDIAN, IN THE UNINCORPORATED AREA OF THE COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.

ALSO EXCEPT A 200 FOOT RIGHT OF WAY LOCATED AND SELECTED BY THE NEVADA AND CALIFORNIA RAILWAY COMPANY AND THE CENTRAL PACIFIC RAILWAY COMPANY (THE CONSTRUCTED LINE OF RAILROAD BEING OPERATED BY THE SOUTHERN PACIFIC COMPANY, AS ITS OwnEro BRANCH), UNDER THE PROVISIONS OF THE ACT OF CONGRESS APPROVED MARCH 3, 1875, FOR A RAILROAD FROM MOJAVE TO OMEGA, IN KERN COUNTY.

ALSO EXCEPT THAT PORTION CONVEYED TO THE STATE OF CALIFORNIA BY DEED RECORDED APRIL 1, 1952 IN BOOK 6584 PAGE 433, OF OFFICIAL RECORDS.

ALSO EXCEPT ALL OIL, GAS, HYDROCARBON SUBSTANCES AND OTHER MINERALS WITHIN OR UNDERLYING SAID LANDS, BUT THE GRANTOR HEREBY SHALL NOT CONDUCT DRILLING OR OTHER OPERATIONS ON THE SURFACE OF SAID LANDS OR WITHIN THE FIRST 500 FEET OF THE SUBSURFACE WITHOUT THE PRIOR WRITTEN CONSENT OF THE SURFACE OWNER, BUT NOTHING HEREBY CONTAINED SHALL BE DEEMED TO PREVENT THE GRANTOR, HER SUCCESSORS AND Assignees, FROM EXTRACTING OR CAPTURING SAID MINERALS BY DRILLING OR CONDUCTING SUB-SURFACE DRILLING OPERATIONS AT DEPTHS BELOW 500 FEET FROM THE SURFACE OF THE GROUND FROM SURFACE LOCATIONS ON ADJACENT OR NEIGHBORING LANDS, AS RESERVED BY ELMER RUDWICK, BY DEED DATED JANUARY 23, 1959, RECORDED FEBRUARY 23, 1959 IN BOOK 7006 PAGE 112, OF OFFICIAL RECORDS.

ALSO EXCEPT 1/4 OF ALL MINERALS, OIL, GAS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES WITHIN OR UNDERLYING SAID LANDS AS RESERVED BY ROBERT D. RUDOLPH AND FRANK ARCERO, MARRIED MEN AS THEIR SEPARATE PROPERTY GOING BUSINESS AS FREMONT VALLEY RANCH, A JOINT VENTURE, IN DEED RECORDED JULY 15, 1961 IN BOOK 5380 PAGE 703, OF OFFICIAL RECORDS.
APPENDIX C
Environmental Database Report
The EDR Radius Map
with GeoCheck®

California City Solar Project
Near Munsey Rd & Cheyenne Blvd.
California City, CA 93501

Inquiry Number: 01917024.2r

May 02, 2007
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**GEOCHECK ADDENDUM**

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*Thank you for your business.*

Please contact EDR at 1-800-352-0050 with any questions or comments.
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

NEAR MUNSEY RD & CHEYENNE BLVD.
CALIFORNIA CITY, CA 93501

COORDINATES

Latitude (North): 35.260200 - 35˚ 15’ 36.7”
Longitude (West): 118.017500 - 118˚ 1’ 3.0”
Universal Tranverse Mercator: Zone 11
UTM X (Meters): 407442.5
UTM Y (Meters): 3902175.0
Elevation: 2112 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 35118-C1 CINCO, CA
Most Recent Revision: 1994

East Map: 35117-C8 CANTIL, CA
Most Recent Revision: 1994

South Map: 35118-B1 MOJAVE NE, CA
Most Recent Revision: 1994

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:

FEDERAL RECORDS

NPL. National Priority List
Proposed NPL. Proposed National Priority List Sites
Delisted NPL. National Priority List Deletions
NPL LIENS. Federal Superfund Liens
EXECUTIVE SUMMARY

CERCLIS

Comprehensive Environmental Response, Compensation, and Liability Information System

CERC-NFRAP

CERCLIS No Further Remedial Action Planned

CORRACTS

Corrective Action Report

RCRA-TSDF

Resource Conservation and Recovery Act Information

RCRA-LOG

Resource Conservation and Recovery Act Information

RCRA-SQG

Resource Conservation and Recovery Act Information

ERNS

Emergency Response Notification System

HMIRS

Hazardous Materials Information Reporting System

US ENG CONTROLS

Engineering Controls Sites List

US INST CONTROL

Sites with Institutional Controls

DOD

Department of Defense Sites

FUDS

Formerly Used Defense Sites

US BROWNFIELDS

A Listing of Brownfields Sites

CONSENT

Superfund (CERCLA) Consent Decrees

ROD

Records Of Decision

UMTRA

Uranium Mill Tailings Sites

ODI

Open Dump Inventory

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)

SSTS

Section 7 Tracking Systems

RADINFO

Radiation Information Database

US CDL

Clandestine Drug Labs

HIST FTTS

FIFRA/TSCA Tracking System Administrative Case Listing

ICIS

Integrated Compliance Information System

LUCIS

Land Use Control Information System

DOT OPS

Incident and Accident Data

PADS

PCB Activity Database System

MLTS

Material Licensing Tracking System

MINES

Mines Master Index File

FINDS

Facility Index System/Facility Registry System

RAATS

RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

HIST Cal-Sites

Historical Calsites Database

CA BOND EXP. PLAN

Bond Expenditure Plan

SCH

School Property Evaluation Program

Toxic Pits

Toxic Pits Cleanup Act Sites

SWF/LF

Solid Waste Information System

CA WDS

Waste Discharge System

WMUDS/SWAT

Waste Management Unit Database

Cortese

"Cortese" Hazardous Waste & Substances Sites List

SWRCY

Recycler Database

LUST

Geotracker's Leaking Underground Fuel Tank Report

CA FID UST

Facility Inventory Database

SLIC

Statewide SLIC Cases

UST

Active UST Facilities

HIST UST

Hazardous Substance Storage Container Database

AST

Aboveground Petroleum Storage Tank Facilities

SWEEPS UST

SWEEPS UST Listing

CHMIRS

California Hazardous Material Incident Report System

Notify 65

Proposition 65 Records
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.

STATE AND LOCAL RECORDS

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

A review of the HAZNET list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 HAZNET site within approximately 2.5 miles of the target property.

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- NR = Not Requested at this Search Distance
- Sites may be listed in more than one database
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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.

**FEDERAL RECORDS**

**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.

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</table>

**NPL Site Boundaries**

Sources:

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

- EPA Region 1
  Telephone 617-918-1143
- EPA Region 2
  Telephone 215-814-5418
- EPA Region 3
  Telephone 215-814-5418
- EPA Region 4
  Telephone 404-562-8033
- EPA Region 5
  Telephone 312-886-6686
- EPA Region 10
  Telephone 206-553-8665

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

<table>
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<tr>
<th>Date of Government Version</th>
<th>Source: EPA</th>
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</table>

**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.

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<th>Date of Government Version</th>
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**DELISTED NPL:**
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.
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: 03/26/2007
Number of Days to Update: 56  Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

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: 02/27/2007  Source: EPA
Date Data Arrived at EDR: 03/21/2007  Telephone: 703-603-8960
Date Made Active in Reports: 04/27/2007  Last EDR Contact: 03/21/2007
Number of Days to Update: 37  Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

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: 12/20/2006  Source: EPA
Date Data Arrived at EDR: 01/29/2007  Telephone: 703-603-8960
Date Made Active in Reports: 02/27/2007  Last EDR Contact: 03/19/2007
Number of Days to Update: 29  Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

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

Date of Government Version: 03/14/2007  Source: EPA
Date Data Arrived at EDR: 03/20/2007  Telephone: 800-424-9346
Date Made Active in Reports: 04/27/2007  Last EDR Contact: 03/05/2007
Number of Days to Update: 38  Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information
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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site 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: 06/13/2006  
Date Data Arrived at EDR: 06/28/2006  
Date Made Active in Reports: 08/23/2006  
Number of Days to Update: 56  
Source: EPA  
Telephone: (415) 495-8895  
Last EDR Contact: 04/18/2007  
Next Scheduled EDR Contact: 07/16/2007  
Data Release Frequency: Quarterly

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

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 01/24/2007  
Date Made Active in Reports: 03/12/2007  
Number of Days to Update: 47  
Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 04/24/2007  
Next Scheduled EDR Contact: 07/23/2007  
Data Release Frequency: Annually

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

Date Data Arrived at EDR: 01/17/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 41  
Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 04/17/2007  
Next Scheduled EDR Contact: 07/16/2007  
Data Release Frequency: Annually

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: 01/24/2007  
Date Data Arrived at EDR: 01/31/2007  
Date Made Active in Reports: 04/04/2007  
Number of Days to Update: 63  
Source: Environmental Protection Agency  
Telephone: 703-603-8905  
Last EDR Contact: 04/02/2007  
Next Scheduled EDR Contact: 07/02/2007  
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: 01/24/2007  
Date Data Arrived at EDR: 01/31/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 27  
Source: Environmental Protection Agency  
Telephone: 703-603-8905  
Last EDR Contact: 04/02/2007  
Next Scheduled EDR Contact: 07/02/2007  
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: 703-692-8801
Date Made Active in Reports: 01/11/2007  Last EDR Contact: 02/08/2007
Number of Days to Update: 62  Next Scheduled EDR Contact: 05/07/2007
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: 12/31/2005  Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006  Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006  Last EDR Contact: 04/02/2007
Number of Days to Update: 63  Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Varies

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: 01/29/2007  Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007  Telephone: 202-566-2777
Date Made Active in Reports: 04/04/2007  Last EDR Contact: 03/12/2007
Number of Days to Update: 63  Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Semi-Annually

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: 08/23/2006  Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 03/06/2007  Telephone: Varies
Date Made Active in Reports: 04/10/2007  Last EDR Contact: 04/23/2007
Number of Days to Update: 35  Next Scheduled EDR Contact: 07/23/2007
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: 03/27/2007  Source: EPA
Date Data Arrived at EDR: 03/27/2007  Telephone: 703-416-0223
Date Made Active in Reports: 04/27/2007  Last EDR Contact: 03/27/2007
Number of Days to Update: 31  Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Annually
UMTRA: Uranium Mill Tailings Sites
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 82
Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/20/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Varies

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 12/31/2004
Date Data Arrived at EDR: 06/22/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 62
Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 04/27/2007
Next Scheduled EDR Contact: 06/18/2007
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: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/16/2007
Next Scheduled EDR Contact: 07/16/2007
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: 02/26/2007
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

FTTS INSPI: 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: 02/26/2007
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly
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: 12/31/2005
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 45
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/12/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Annually

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: 01/30/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 27
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/31/2007
Next Scheduled EDR Contact: 04/30/2007
Data Release Frequency: Quarterly

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

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 01/08/2007
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 3
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 04/27/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Quarterly

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: No Update Planned

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

Date of Government Version: 11/06/2006
Date Data Arrived at EDR: 02/02/2007
Date Made Active in Reports: 04/04/2007
Number of Days to Update: 61
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/16/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Quarterly
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
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31
Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 03/28/2007
Next Scheduled EDR Contact: 06/11/2007
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: 02/14/2007
Date Data Arrived at EDR: 02/28/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 41
Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/28/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Varies

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: 10/17/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 43
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 03/02/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.
Date of Government Version: 01/11/2007
Date Data Arrived at EDR: 01/26/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 32
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Quarterly

MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.
Date of Government Version: 11/15/2006
Date Data Arrived at EDR: 12/28/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 32
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/28/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).
Date of Government Version: 01/18/2007
Date Data Arrived at EDR: 01/23/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 35
Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Quarterly
RAATS: RCRA Administrative Action Tracking System

RACTS: RCRA Administrative 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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

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: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

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

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

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

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: 02/27/2007
Date Data Arrived at EDR: 02/28/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 37

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.
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<td>State Water Resources Control Board</td>
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<td>04/30/2007</td>
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<td>State Water Resources Control Board</td>
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<td>03/21/2007</td>
<td>06/18/2007</td>
<td>Quarterly</td>
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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: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 03/01/2001
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: 04/12/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 02/14/2005
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: 02/05/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Varies

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: 02/05/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
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: 03/27/2007
Next Scheduled EDR Contact: 06/25/2007
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: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 04/06/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Quarterly

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: 04/10/2007
Date Data Arrived at EDR: 04/11/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 16
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 04/11/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Quarterly

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: 08/29/1995
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

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.
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: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
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: 04/06/2007
Next Scheduled EDR Contact: 07/09/2007
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: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
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: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 04/05/2007
Next Scheduled EDR Contact: 07/02/2007
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.
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: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
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: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
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: 04/06/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 04/03/2007
Next Scheduled EDR Contact: 07/03/2007
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: 03/13/2007
Date Data Arrived at EDR: 03/14/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 23
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 03/12/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Annually

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

Date of Government Version: 01/09/2007
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 14
Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 04/11/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 02/05/2007
Date Data Arrived at EDR: 02/06/2007
Date Made Active in Reports: 03/21/2007
Number of Days to Update: 43
Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Varies
HIST UST: Hazardous Substance Storage Container Database

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

- Date of Government Version: 10/15/1990
- Date Data Arrived at EDR: 01/25/1991
- Date Made Active in Reports: 02/12/1991
- Number of Days to Update: 18
- Source: State Water Resources Control Board
- Telephone: 916-341-5851
- Last EDR Contact: 07/26/2001
- Next Scheduled EDR Contact: N/A
- Data Release Frequency: No Update Planned

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

- Date of Government Version: 02/09/2007
- Date Data Arrived at EDR: 02/09/2007
- Date Made Active in Reports: 03/23/2007
- Number of Days to Update: 42
- Source: State Water Resources Control Board
- Telephone: 916-341-5712
- Last EDR Contact: 04/30/2007
- Next Scheduled EDR Contact: 07/30/2007
- Data Release Frequency: Quarterly

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 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

- Date of Government Version: 06/01/1994
- Date Data Arrived at EDR: 07/07/2005
- Date Made Active in Reports: 08/11/2005
- Number of Days to Update: 35
- Source: State Water Resources Control Board
- Telephone: N/A
- Last EDR Contact: 06/03/2005
- Next Scheduled EDR Contact: N/A
- Data Release Frequency: No Update Planned

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: 12/31/2005
- Date Data Arrived at EDR: 02/23/2007
- Date Made Active in Reports: 04/06/2007
- Number of Days to Update: 42
- Source: Office of Emergency Services
- Telephone: 916-845-8400
- Last EDR Contact: 02/19/2007
- Next Scheduled EDR Contact: 05/21/2007
- Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

- 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: 04/12/2007
- Next Scheduled EDR Contact: 07/16/2007
- Data Release Frequency: No Update Planned

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.

**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.

**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 upholstery cleaning; industrial launderers; laundry and garment services.

**WIP: Well Investigation Program Case List**
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

**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.
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: 02/27/2007 | Source: Department of Toxic Substances Control |
| Date Data Arrived at EDR: 02/28/2007 | Telephone: 916-323-3400 |
| Date Made Active in Reports: 04/06/2007 | Last EDR Contact: 02/28/2007 |
| Number of Days to Update: 37 | Next Scheduled EDR Contact: 05/28/2007 |
| Data Release Frequency: Quarterly |

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

| Date of Government Version: 12/31/2005 | Source: California Environmental Protection Agency |
| Date Data Arrived at EDR: 11/20/2006 | Telephone: 916-255-1136 |
| Date Made Active in Reports: 01/03/2007 | Last EDR Contact: 02/06/2007 |
| Number of Days to Update: 44 | Next Scheduled EDR Contact: 05/07/2007 |
| 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: 12/31/2004 | Source: California Air Resources Board |
| Date Data Arrived at EDR: 04/14/2006 | Telephone: 916-322-2990 |
| Date Made Active in Reports: 05/11/2006 | Last EDR Contact: 04/17/2007 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 07/16/2007 |
| Data Release Frequency: Varies |

SAN DIEGO CO. SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

| Date of Government Version: 01/24/2007 | Source: San Diego County Department of Environmental Health |
| Date Data Arrived at EDR: 02/27/2007 | Telephone: 619-338-2371 |
| Date Made Active in Reports: 04/06/2007 | Last EDR Contact: 04/04/2007 |
| Number of Days to Update: 38 | Next Scheduled EDR Contact: 07/02/2007 |
| Data Release Frequency: Varies |

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

| Date of Government Version: 02/27/2007 | Source: Department of Toxic Substances Control |
| Date Data Arrived at EDR: 02/28/2007 | Telephone: 916-323-3400 |
| Date Made Active in Reports: 04/06/2007 | Last EDR Contact: 02/28/2007 |
| Number of Days to Update: 37 | Next Scheduled EDR Contact: 05/28/2007 |
| Data Release Frequency: Quarterly |

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TRIBAL RECORDS

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: 02/06/2006  Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007  Last EDR Contact: 02/08/2007
Number of Days to Update: 339  Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Semi-Annually

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: 12/01/2006  Source: EPA Region 1
Date Data Arrived at EDR: 12/01/2006  Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007  Last EDR Contact: 02/19/2007
Number of Days to Update: 59  Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

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

Date of Government Version: 09/06/2006  Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006  Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006  Last EDR Contact: 02/19/2007
Number of Days to Update: 35  Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

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

Date of Government Version: 01/04/2005  Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005  Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005  Last EDR Contact: 02/19/2007
Number of Days to Update: 38  Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

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

Date of Government Version: 08/24/2006  Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006  Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006  Last EDR Contact: 02/19/2007
Number of Days to Update: 58  Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Semi-Annually

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: 02/19/2007  Source: EPA Region 8
Date Data Arrived at EDR: 02/27/2007  Telephone: 303-312-6271
Date Made Active in Reports: 04/04/2007  Last EDR Contact: 02/19/2007
Number of Days to Update: 36  Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R10:  Leaking Underground Storage Tanks on Indian Land

Date of Government Version: 03/01/2007  Source: EPA Region 10
Date Data Arrived at EDR: 03/01/2007  Telephone: 206-553-2857
Date Made Active in Reports: 04/04/2007  Last EDR Contact: 02/19/2007
Number of Days to Update: 34  Next Scheduled EDR Contact: 02/21/2007
Data Release Frequency: Quarterly
INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada
Date of Government Version: 03/30/2007
Date Data Arrived at EDR: 03/30/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 28
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land
Date of Government Version: 01/11/2007
Date Data Arrived at EDR: 01/12/2007
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 17
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
Date of Government Version: 08/24/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
Date of Government Version: 03/26/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.
Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land
Date of Government Version: 12/02/2004
Date Data Arrived at EDR: 12/29/2004
Date Made Active in Reports: 02/04/2005
Number of Days to Update: 37
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
INDIAN UST R10: Underground Storage Tanks on Indian Land

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.

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.

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.
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 groundwater contamination from leaking petroleum USTs).

Date of Government Version: 01/31/2007 Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 02/02/2007 Telephone: 510-567-6700
Date Made Active in Reports: 02/27/2007 Last EDR Contact: 04/23/2007
Number of Days to Update: 25 Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 02/02/2007 Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 02/02/2007 Telephone: 510-567-6700
Date Made Active in Reports: 03/21/2007 Last EDR Contact: 04/23/2007
Number of Days to Update: 47 Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

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

Date of Government Version: 02/27/2007 Source: Contra Costa Health Services Department
Date Data Arrived at EDR: 03/01/2007 Telephone: 925-646-2286
Date Made Active in Reports: 04/06/2007 Last EDR Contact: 02/26/2007
Number of Days to Update: 36 Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

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

Date of Government Version: 04/09/2007 Source: Dept. of Community Health
Date Data Arrived at EDR: 04/10/2007 Telephone: 559-445-3271
Date Made Active in Reports: 04/27/2007 Last EDR Contact: 01/16/2007
Number of Days to Update: 17 Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Semi-Annually

KERN COUNTY:

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

Date of Government Version: 12/06/2006 Source: Kern County Environment Health Services Department
Date Data Arrived at EDR: 12/07/2006 Telephone: 661-862-8700
Date Made Active in Reports: 01/04/2007 Last EDR Contact: 04/12/2007
Number of Days to Update: 28 Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

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: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0
Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 05/16/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/31/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 15
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 02/13/2007
Date Data Arrived at EDR: 03/09/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 28
Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Semi-Annually

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/14/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/04/2006
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 15
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 12/14/2006
Date Data Arrived at EDR: 12/15/2006
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 39
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Semi-Annually

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

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Annually
City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.
Date of Government Version: 02/20/2007  Source: City of Torrance Fire Department
Date Data Arrived at EDR: 02/21/2007  Telephone: 310-618-2973
Date Made Active in Reports: 03/21/2007  Last EDR Contact: 02/12/2007
Number of Days to Update: 28  Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Semi-Annually

MARIN COUNTY:
Underground Storage Tank Sites
Currently permitted USTs in Marin County.
Date of Government Version: 01/26/2007  Source: Public Works Department Waste Management
Date Data Arrived at EDR: 02/20/2007  Telephone: 415-499-6647
Date Made Active in Reports: 03/21/2007  Last EDR Contact: 04/30/2007
Number of Days to Update: 29  Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Semi-Annually

NAPA COUNTY:
Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.
Date of Government Version: 04/09/2007  Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 04/10/2007  Telephone: 707-253-4269
Date Made Active in Reports: 04/27/2007  Last EDR Contact: 04/09/2007
Number of Days to Update: 17  Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.
Date of Government Version: 04/09/2007  Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 04/10/2007  Telephone: 707-253-4269
Date Made Active in Reports: 04/24/2007  Last EDR Contact: 04/09/2007
Number of Days to Update: 14  Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Annually

ORANGE COUNTY:
List of Industrial Site Cleanups
Petroleum and non-petroleum spills.
Date of Government Version: 03/01/2007  Source: Health Care Agency
Date Data Arrived at EDR: 03/20/2007  Telephone: 714-834-3446
Date Made Active in Reports: 04/06/2007  Last EDR Contact: 03/07/2007
Number of Days to Update: 17  Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).
Date of Government Version: 03/01/2007  Source: Health Care Agency
Date Data Arrived at EDR: 03/20/2007  Telephone: 714-834-3446
Date Made Active in Reports: 04/06/2007  Last EDR Contact: 03/07/2007
Number of Days to Update: 17  Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly
List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).
- Date of Government Version: 03/01/2007
- Date Data Arrived at EDR: 03/20/2007
- Date Made Active in Reports: 04/12/2007
- Number of Days to Update: 23
- Source: Health Care Agency
- Telephone: 714-834-3446
- Last EDR Contact: 03/07/2007
- Next Scheduled EDR Contact: 06/04/2007
- Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.
- Date of Government Version: 04/04/2007
- Date Data Arrived at EDR: 04/05/2007
- Date Made Active in Reports: 04/27/2007
- Number of Days to Update: 22
- Source: Placer County Health and Human Services
- Telephone: 530-889-7312
- Last EDR Contact: 03/19/2007
- Next Scheduled EDR Contact: 06/18/2007
- Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).
- Date of Government Version: 02/06/2007
- Date Data Arrived at EDR: 02/07/2007
- Date Made Active in Reports: 02/27/2007
- Number of Days to Update: 20
- Source: Department of Public Health
- Telephone: 951-358-5055
- Last EDR Contact: 04/16/2007
- Next Scheduled EDR Contact: 07/16/2007
- Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.
- Date of Government Version: 02/06/2007
- Date Data Arrived at EDR: 02/07/2007
- Date Made Active in Reports: 03/21/2007
- Number of Days to Update: 42
- Source: Health Services Agency
- Telephone: 951-358-5055
- Last EDR Contact: 04/16/2007
- Next Scheduled EDR Contact: 07/16/2007
- Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Contaminated Sites
List of sites where unauthorized releases of potentially hazardous materials have occurred.
- Date of Government Version: 01/31/2007
- Date Data Arrived at EDR: 02/16/2007
- Date Made Active in Reports: 02/27/2007
- Number of Days to Update: 11
- Source: Sacramento County Environmental Management
- Telephone: 916-875-8406
- Last EDR Contact: 05/01/2007
- Next Scheduled EDR Contact: 07/30/2007
- Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.
- Date of Government Version: 01/31/2007
- Date Data Arrived at EDR: 02/15/2007
- Date Made Active in Reports: 02/27/2007
- Number of Days to Update: 12
- Source: Sacramento County Environmental Management
- Telephone: 916-875-8406
- Last EDR Contact: 05/01/2007
- Next Scheduled EDR Contact: 07/30/2007
- 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: 03/23/2007  
Date Data Arrived at EDR: 03/27/2007  
Date Made Active in Reports: 04/27/2007  
Number of Days to Update: 31  
Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 03/05/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/16/2005  
Date Data Arrived at EDR: 05/18/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 29  
Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 04/05/2007  
Next Scheduled EDR Contact: 07/02/2007  
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2006  
Date Data Arrived at EDR: 01/03/2007  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 21  
Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

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

Date of Government Version: 03/08/2007  
Date Data Arrived at EDR: 03/13/2007  
Date Made Active in Reports: 04/06/2007  
Number of Days to Update: 24  
Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 03/05/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 03/08/2007  
Date Data Arrived at EDR: 03/13/2007  
Date Made Active in Reports: 04/12/2007  
Number of Days to Update: 30  
Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 03/05/2007  
Next Scheduled EDR Contact: 06/04/2007  
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: 04/06/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 04/24/2007
Number of Days to Update: 14
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

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

Date of Government Version: 01/24/2007
Date Data Arrived at EDR: 01/25/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 33
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 04/09/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Annually

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

Date of Government Version: 04/11/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 15
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 04/09/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Semi-Annually

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: 03/26/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: No Update Planned

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

Date of Government Version: 03/26/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Varies

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 04/03/2007
Date Data Arrived at EDR: 04/04/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 23
Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Annually

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

Date of Government Version: 01/08/2007
Date Data Arrived at EDR: 02/06/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 21
Number of Days to Update: 21
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Quarterly

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Quarterly

SONOMA COUNTY:

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

Date of Government Version: 01/22/2007
Date Data Arrived at EDR: 01/23/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 7
Number of Days to Update: 7
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Quarterly

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Quarterly

SUTTER COUNTY:

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/05/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 26
Number of Days to Update: 26
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Semi-Annually

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 04/27/2007
Next Scheduled EDR Contact: 07/02/2007
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 Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 15
Number of Days to Update: 15
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Quarterly

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/11/2007
Next Scheduled EDR Contact: 06/11/2007
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: 08/01/2006
Date Data Arrived at EDR: 09/05/2006
Date Made Active in Reports: 10/05/2006
Number of Days to Update: 30
Number of Days to Update: 30
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Annually

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Annually
Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

| Date of Government Version: 02/28/2007 | Source: Environmental Health Division |
| Date Data Arrived at EDR: 03/23/2007 | Telephone: 805-654-2813 |
| Date Made Active in Reports: 04/27/2007 | Last EDR Contact: 03/14/2007 |
| Number of Days to Update: 35 | Next Scheduled EDR Contact: 06/11/2007 |
| Data Release Frequency: Quarterly | |

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

| Date of Government Version: 12/28/2006 | Source: Environmental Health Division |
| Date Data Arrived at EDR: 01/23/2007 | Telephone: 805-654-2813 |
| Date Made Active in Reports: 03/21/2007 | Last EDR Contact: 04/10/2007 |
| Number of Days to Update: 57 | Next Scheduled EDR Contact: 07/09/2007 |
| Data Release Frequency: Quarterly | |

YOLO COUNTY:

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

| Date of Government Version: 02/05/2007 | Source: Yolo County Department of Health |
| Date Data Arrived at EDR: 02/20/2007 | Telephone: 530-666-8646 |
| Date Made Active in Reports: 03/21/2007 | Last EDR Contact: 04/30/2007 |
| Number of Days to Update: 29 | Next Scheduled EDR Contact: 07/16/2007 |
| Data Release Frequency: Annually | |

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: 12/31/2004 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 02/17/2006 | Telephone: 860-424-3375 |
| Date Made Active in Reports: 04/07/2006 | Last EDR Contact: 03/16/2007 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 06/11/2007 |
| Data Release Frequency: Annually | |

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

| Date of Government Version: 01/01/2007 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 01/04/2007 | Telephone: N/A |
| Date Made Active in Reports: 02/13/2007 | Last EDR Contact: 04/05/2007 |
| Number of Days to Update: 40 | Next Scheduled EDR Contact: 07/02/2007 |
| Data Release Frequency: Annually | |

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.
PA MANIFEST: Manifest Information
Hazardous waste manifest information.

RI MANIFEST: Manifest Information
Hazardous waste manifest information.

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

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: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

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

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.
Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

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

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

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

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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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.
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 NNE

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.
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

<table>
<thead>
<tr>
<th>Target Property County</th>
<th>FEMA Flood Electronic Data</th>
</tr>
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<tbody>
<tr>
<td>KERN, CA</td>
<td>YES - refer to the Overview Map and Detail Map</td>
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<table>
<thead>
<tr>
<th>Flood Plain Panel at Target Property</th>
<th>0600751400B</th>
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<tbody>
<tr>
<td>Additional Panels in search area:</td>
<td>Not Reported</td>
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</tbody>
</table>

NATIONAL WETLAND INVENTORY

<table>
<thead>
<tr>
<th>NWI Quad at Target Property</th>
<th>NWI Electronic Data Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>CINCO</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

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

Site-Specific Hydrogeological Data*:
- Search Radius: 1.25 miles
- Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

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

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

<table>
<thead>
<tr>
<th>Era:</th>
<th>Cenozoic</th>
</tr>
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<tbody>
<tr>
<td>System:</td>
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<tr>
<td>Series:</td>
<td>Quaternary</td>
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<tr>
<td>Code:</td>
<td>Q</td>
</tr>
</tbody>
</table>

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

(decoded above as Era, System & Series)

### Soil Map ID: 1

**Soil Component Name:** CAJON  
**Soil Surface Texture:** loamy sand  
**Hydrologic Group:** Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.  
**Soil Drainage Class:** Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

**Hydric Status:** Soil does not meet the requirements for a hydric soil.  
**Corrosion Potential - Uncoated Steel:** MODERATE  
**Depth to Bedrock Min:** > 0 inches  
**Depth to Bedrock Max:** > 0 inches

### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Upper</th>
<th>Lower</th>
<th>Soil Texture Class</th>
<th>AASHTO Group</th>
<th>Unified Soil</th>
<th>Permeability Rate (in/hr)</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>20 inches</td>
<td>loamy sand</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.</td>
<td>Max: 20.00 Min: 6.00</td>
<td>Max: 8.40 Min: 7.40</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>20 inches</td>
<td>60 inches</td>
<td>gravelly - sand</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.</td>
<td>Max: 20.00 Min: 6.00</td>
<td>Max: 8.40 Min: 7.40</td>
<td></td>
</tr>
</tbody>
</table>
LOCAL / REGIONAL WATER AGENCY RECORDS

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

<table>
<thead>
<tr>
<th>DATABASE</th>
<th>SEARCH DISTANCE (miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal USGS</td>
<td>1.000</td>
</tr>
<tr>
<td>Federal FRDS PWS</td>
<td>Nearest PWS within 1 mile</td>
</tr>
<tr>
<td>State Database</td>
<td>1.000</td>
</tr>
</tbody>
</table>

FEDERAL USGS WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>USGS3161540</td>
<td>1/8 - 1/4 Mile SW</td>
</tr>
<tr>
<td>A2</td>
<td>USGS3161533</td>
<td>1/4 - 1/2 Mile SW</td>
</tr>
<tr>
<td>B3</td>
<td>USGS3161529</td>
<td>1/4 - 1/2 Mile SW</td>
</tr>
<tr>
<td>C6</td>
<td>USGS3161535</td>
<td>1/4 - 1/2 Mile ESE</td>
</tr>
<tr>
<td>D7</td>
<td>USGS3161573</td>
<td>1/2 - 1 Mile ENE</td>
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</table>

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

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

STATE DATABASE WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
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<tbody>
<tr>
<td>B4</td>
<td>CADW0000020937</td>
<td>1/4 - 1/2 Mile SW</td>
</tr>
<tr>
<td>C5</td>
<td>CADW0000020967</td>
<td>1/4 - 1/2 Mile ESE</td>
</tr>
<tr>
<td>D8</td>
<td>CADW0000021014</td>
<td>1/2 - 1 Mile ENE</td>
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<tr>
<td>9</td>
<td>17835</td>
<td>1/2 - 1 Mile WNW</td>
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</tbody>
</table>

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<table>
<thead>
<tr>
<th>DISTANCE FROM TP (Miles)</th>
<th>DISTANCE FROM TP (Miles)</th>
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</thead>
<tbody>
<tr>
<td>2 - 3 Miles NNE</td>
<td>2 - 3 Miles NNE</td>
</tr>
<tr>
<td>3 - 4 Miles SSE</td>
<td>3 - 4 Miles SSE</td>
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### A1
**SW**
1/8 - 1/4 Mile Higher

<table>
<thead>
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<th>Value</th>
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</thead>
<tbody>
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<td>USGS</td>
</tr>
<tr>
<td>Site name:</td>
<td>031S037E04N001M</td>
</tr>
<tr>
<td>Latitude:</td>
<td>351529</td>
</tr>
<tr>
<td>Longitude:</td>
<td>1180111</td>
</tr>
<tr>
<td>Dec lon:</td>
<td>-118.02062719</td>
</tr>
<tr>
<td>Coor accr:</td>
<td>S</td>
</tr>
<tr>
<td>Dec latlong datum:</td>
<td>NAD83</td>
</tr>
<tr>
<td>State:</td>
<td>06</td>
</tr>
<tr>
<td>Country:</td>
<td>US</td>
</tr>
<tr>
<td>Location map:</td>
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</tr>
<tr>
<td>Altitude:</td>
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</tr>
<tr>
<td>Topographic:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Date inventoried:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Date construction:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Local standard time flag:</td>
<td>Y</td>
</tr>
<tr>
<td>Type of ground water site:</td>
<td>Single well, other than collector or Ranney type</td>
</tr>
<tr>
<td>Aquifer Type:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Aquifer:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Well depth:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Source of depth data:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Project number:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Real time data flag:</td>
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</tr>
<tr>
<td>Daily flow data end date:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Water quality data end date:</td>
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</tr>
<tr>
<td>Ground water data count:</td>
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Ground-water levels, Number of Measurements: 0

### A2
**SW**
1/4 - 1/2 Mile Higher

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</tr>
<tr>
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<td>031S037E09Z001S</td>
</tr>
<tr>
<td>Latitude:</td>
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</tr>
<tr>
<td>Longitude:</td>
<td>1180111</td>
</tr>
<tr>
<td>Dec lon:</td>
<td>-118.02062719</td>
</tr>
<tr>
<td>Coor accr:</td>
<td>S</td>
</tr>
<tr>
<td>Dec latlong datum:</td>
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</tr>
<tr>
<td>State:</td>
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<td>Country:</td>
<td>US</td>
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<tr>
<td>Location map:</td>
<td>MOJAVE NE</td>
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<td>Altitude:</td>
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</tr>
<tr>
<td>Date construction:</td>
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<tr>
<td>Local standard time flag:</td>
<td>Y</td>
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<tr>
<td>Type of ground water site:</td>
<td>Single well, other than collector or Ranney type</td>
</tr>
<tr>
<td>Aquifer Type:</td>
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<td>Aquifer:</td>
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<td>Well depth:</td>
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<tr>
<td>Source of depth data:</td>
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<tr>
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<tr>
<td>Water quality data end date:</td>
<td>Not Reported</td>
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<tr>
<td>Ground water data count:</td>
<td>Not Reported</td>
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Ground-water levels, Number of Measurements: 0
<table>
<thead>
<tr>
<th><strong>TC01917024.2r</strong></th>
<th><strong>Page A-10</strong></th>
</tr>
</thead>
</table>

### Geocode - Physical Setting Source Map Findings

| **Altitude:** | 2125.00 |
| **Altitude method:** | Interpolated from topographic map |
| **Altitude accuracy:** | 10 |
| **Altitude datum:** | National Geodetic Vertical Datum of 1929 |
| **Hydrologic:** | AntelopeFremont Valleys. California. Area = 3310 sq.mi. |
| **Topographic:** | Not Reported |
| **Site type:** | Ground-water other than Spring |
| **Date inventoried:** | Not Reported |
| **Local standard time flag:** | Y |
| **Type of ground water site:** | Single well, other than collector or Ranney type |
| **Aquifer Type:** | Not Reported |
| **Well depth:** | Not Reported |
| **Source of depth data:** | Not Reported |
| **Project number:** | Not Reported |
| **Real time data flag:** | Not Reported |
| **Daily flow data count:** | 0 |
| **Peak flow data count:** | 0 |
| **Ground water data count:** | 0 |
| **Water quality data count:** | 0 |
| **Date construction:** | 19730702 |
| **Mean greenwich time offset:** | PST |
| **Date inventoried:** | 19810330 |
| **Date construction:** | 19730702 |
| **Topographic:** | AntelopeFremont Valleys. California. Area = 3310 sq.mi. |
| **Hydrologic:** | National Geodetic Vertical Datum of 1929 |
| **Altitude datum:** | 10 |
| **Altitude accuracy:** | Interpolated from topographic map |
| **Altitude:** | 2145.00 |
| **Location map:** | Not Reported |
| **Land net:** | US |
| **Country:** | 06 |
| **State:** | 06 |
| **County:** | 029 |
| **District:** | 06 |
| **Map scale:** | 24000 |
| **Agency cd:** | USGS |
| **Site no:** | 351523118012301 |
| **Latitude:** | 35.25635109 |
| **Longitude:** | -118.02396062 |
| **Coor meth:** | M |
| **Coor accr:** | NAD27 |
| **Latlong datum:** | NAD83 |
| **State:** | 06 |
| **County:** | 029 |
| **Country:** | US |
| **Location map:** | CINCO |
| **Map scale:** | 24000 |

| **Ground-water levels, Number of Measurements:** | 0 |

---

<table>
<thead>
<tr>
<th><strong>B3</strong></th>
<th><strong>FED USGS</strong></th>
<th><strong>USGS3161529</strong></th>
</tr>
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<tbody>
<tr>
<td><strong>Agency cd:</strong></td>
<td>USGS</td>
<td>Site no:</td>
</tr>
<tr>
<td><strong>Site name:</strong></td>
<td>031S03E08A001M</td>
<td></td>
</tr>
<tr>
<td><strong>Latitude:</strong></td>
<td>351523</td>
<td></td>
</tr>
<tr>
<td><strong>Longitude:</strong></td>
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<td></td>
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<tr>
<td><strong>Dec lon:</strong></td>
<td>-118.02396062</td>
<td></td>
</tr>
<tr>
<td><strong>Coor meth:</strong></td>
<td>M</td>
<td></td>
</tr>
<tr>
<td><strong>Coor accr:</strong></td>
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</tr>
<tr>
<td><strong>Dec latlong datum:</strong></td>
<td>NAD83</td>
<td></td>
</tr>
<tr>
<td><strong>State:</strong></td>
<td>06</td>
<td></td>
</tr>
<tr>
<td><strong>County:</strong></td>
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</tr>
<tr>
<td><strong>Country:</strong></td>
<td>US</td>
<td></td>
</tr>
<tr>
<td><strong>Location map:</strong></td>
<td>CINCO</td>
<td></td>
</tr>
<tr>
<td><strong>Map scale:</strong></td>
<td>24000</td>
<td></td>
</tr>
</tbody>
</table>

### Technical Data

| **Altitude:** | 2145.00 |
| **Altitude method:** | Interpolated from topographic map |
| **Altitude accuracy:** | 20 |
| **Altitude datum:** | National Geodetic Vertical Datum of 1929 |
| **Hydrologic:** | AntelopeFremont Valleys. California. Area = 3310 sq.mi. |
| **Topographic:** | Valley flat |
| **Site type:** | Ground-water other than Spring |
| **Date inventoried:** | 19860923 |
| **Local standard time flag:** | Y |
| **Type of ground water site:** | Single well, other than collector or Ranney type |
| **Aquifer Type:** | Not Reported |
| **Well depth:** | 1730 |
| **Source of depth data:** | driller |
| **Project number:** | Not Reported |
| **Real time data flag:** | 0 |
| **Daily flow data count:** | 0 |
| **Peak flow data count:** | 0 |
| **Date construction:** | 199810330 |
| **Mean greenwich time offset:** | PST |
| **Date inventoried:** | 19730702 |
| **Date construction:** | 19730702 |
| **Topographic:** | AntelopeFremont Valleys. California. Area = 3310 sq.mi. |
| **Hydrologic:** | National Geodetic Vertical Datum of 1929 |
| **Altitude datum:** | 10 |
| **Altitude accuracy:** | Interpolated from topographic map |
| **Altitude:** | 2145.00 |
| **Location map:** | Not Reported |
| **Land net:** | US |
| **Country:** | 06 |
| **State:** | 06 |
| **County:** | 029 |
| **District:** | 06 |
| **Map scale:** | 24000 |

---

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**B3 SW 1/4 - 1/2 Mile Higher**

---

TC01917024.2r Page A-10
Ground-water levels, Number of Measurements: 1

<table>
<thead>
<tr>
<th>Date</th>
<th>Feet below Surface</th>
<th>Feet to Sealevel</th>
</tr>
</thead>
<tbody>
<tr>
<td>1986-09-23</td>
<td>424.94</td>
<td></td>
</tr>
</tbody>
</table>

**B4 SW 1/4 - 1/2 Mile Higher**

- Longn: -118.0231
- Latn: 35.2564
- Stwellno: 31S37E08A001M
- Districtco: 3
- Wellesecode: Z
- Countycode: 15
- Gwcode: 604600
- County: Kern
- State: CA
- Gw name: Fremont Valley
- District: Southern District
- Descriptio: Undetermined

**C5 ESE 1/4 - 1/2 Mile Higher**

- Longn: -118.0089
- Latn: 35.2578
- Stwellno: 31S37E04Q001M
- Districtco: 3
- Wellesecode: Z
- Countycode: 15
- Gwcode: 604600
- County: Kern
- State: CA
- Gw name: Fremont Valley
- District: Southern District
- Descriptio: Undetermined
<table>
<thead>
<tr>
<th>Date</th>
<th>Feet below Surface</th>
<th>Feet to Sealevel</th>
<th>Date</th>
<th>Feet below Surface</th>
<th>Feet to Sealevel</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004-03-30</td>
<td>293.09</td>
<td></td>
<td>2003-03-25</td>
<td>296.60</td>
<td></td>
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<tr>
<td>2002-03-27</td>
<td>299.65</td>
<td></td>
<td>2001-03-22</td>
<td>304.00</td>
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<tr>
<td>2000-03-22</td>
<td>309.62</td>
<td></td>
<td>1999-03-15</td>
<td>313.23</td>
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<td>1998-03-19</td>
<td>319.32</td>
<td></td>
<td>1997-03-05</td>
<td>325.31</td>
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<tr>
<td>1996-04-15</td>
<td>331.70</td>
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<td>1983-04-14</td>
<td>402.97</td>
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</tbody>
</table>

Note: A nearby site that taps the same aquifer was being pumped.
Ground-water levels, Number of Measurements: 24

<table>
<thead>
<tr>
<th>Date</th>
<th>Feet below Surface</th>
<th>Feet to Seal level</th>
<th>Date</th>
<th>Feet below Surface</th>
<th>Feet to Seal level</th>
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<tbody>
<tr>
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<td>256.09</td>
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<td>1994-04-13</td>
<td>304.43</td>
<td></td>
<td>1993-04-21</td>
<td>306.34</td>
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</tbody>
</table>

Note: An obstruction was encountered in the well above the water surface (no water level recorded).

1990-03-13 315.64  1989-03-20 319.37
1988-03-29 330.6   1987-02-23 346.70
1986-04-23 350.20  1982-02-12 330.89
1979-02-13 270.70  1976-01-08 191.22
1974-02-15 130.48  1974-02-01 130.00
GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

D8
ENE
1/2 - 1 Mile
Lower

<table>
<thead>
<tr>
<th>Chemical: 3 UNITS</th>
<th>Findings: 11/14/2000 00:00:00 Sample Collected:</th>
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</thead>
<tbody>
<tr>
<td>GROSS ALPHA COUNTING ERROR</td>
<td>Chemical: .6 PCI/L</td>
</tr>
<tr>
<td>URANIUM COUNTING ERROR</td>
<td>Chemical: .91 PCI/L</td>
</tr>
</tbody>
</table>

BAKERSFIELD Area Served: 54393 Connections: 182670 Pop Served: SAN JOSE 95108 P O BOX 1150
Organization That Operates System: CALIFORNIA WATER SERVICE - BAKERSFIELD

9
WNW
1/2 - 1 Mile
Higher

Water System Information:

<table>
<thead>
<tr>
<th>Prime Station Code: 31S/27E-01C02 M</th>
<th>User ID: CYA</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRDS Number: 1510003164</td>
<td>County: Kern</td>
</tr>
<tr>
<td>District Number: 12</td>
<td>Station Type: WELL/AMBNT/MUN/INTAKE</td>
</tr>
<tr>
<td>Water Type: Well/Groundwater</td>
<td>Well Status: Active Untreated</td>
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<tr>
<td>Source Lat/Long: 351559.0 1180147.0</td>
<td>Precision: 0.5 Mile (30 Seconds)</td>
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<td>Source Name: WELL 200-01 (DELTA PALMS)</td>
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<tr>
<td>System Number: 1510003</td>
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</tr>
<tr>
<td>System Name: CALIFORNIA WATER SERVICE - BAKERSFIELD</td>
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</table>

Organization That Operates System:
P O BOX 1150
SAN JOSE 95108

Pop Served: 182670
Area Served: BAKERSFIELD
Sample Collected: 03/24/1999 00:00:00 Chemical: URANIUM (PCI/L) Findings: 7.2 PCI/L
Sample Collected: 03/24/1999 00:00:00 Chemical: URANIUM COUNTING ERROR Findings: .91 PCI/L
Sample Collected: 11/21/1999 00:00:00 Chemical: GROSS ALPHA COUNTING ERROR Findings: 1 PCI/L
Sample Collected: 06/13/2000 00:00:00 Chemical: GROSS ALPHA COUNTING ERROR Findings: .6 PCI/L
Sample Collected: 11/14/2000 00:00:00 Chemical: SOURCE TEMPERATURE C Findings: 21 C
Sample Collected: 11/14/2000 00:00:00 Chemical: COLOR Findings: 3 UNITS
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<td>SPECIFIC CONDUCTANCE</td>
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**Database**  
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**Type**: OIL_GAS  
**Source**: GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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**Type**: OIL_GAS  
**Source**: GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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### SSE 3 - 4 Miles

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### SSE 3 - 4 Miles

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| Operator:  | Cinco Development Co., Inc |
| Well no:   | 1                          |
| Cagaso m3 area: | Not Reported |
| Status cod: | 006                        |
| Sec:       | 22                         |
| Rge:       | 37E                        |
| X coord:   | 0                          |
| Zone:      | Not Reported               |
| Abanddate: | Not Reported               |
| District:  | 4                          |
AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

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Federal EPA Radon Zone for KERN County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KERN COUNTY, CA

Number of sites tested: 94

<table>
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<tr>
<th>Area</th>
<th>Average Activity</th>
<th>% &lt;4 pCi/L</th>
<th>% 4-20 pCi/L</th>
<th>% &gt;20 pCi/L</th>
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<tr>
<td>Living Area - 1st Floor</td>
<td>1.422 pCi/L</td>
<td>98%</td>
<td>2%</td>
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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 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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.
LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of 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

RADON

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

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

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

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

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

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

STREET AND ADDRESS INFORMATION

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APPENDIX D
Qualifications of Environmental Professionals
Jim K. Fickerson  
Senior Project Manager  

Years Experience:  
12

Technical Specialties

- Project Management
- Environmental Due Dilegence
- Environmental Liability Cost Analysis
- Environmental Permitting
- Integrated Site Closure

Professional History

- ENSR
- Texaco Refining and Marketing, Inc.
- City of Saratoga

Education

- BS (Environmental Studies) San Jose State University

Professional Registrations and Affiliations

- California Registered Environmental Assessor (REA) I, California

Summary

Mr. Fickerson is a Senior Project Manager in ENSR Corporation's, Camarillo, California office. Mr. Fickerson is the client steward for two real estate investment trusts and one national construction rental company. In this capacity, Mr. Fickerson manages the clients environmental due diligence, risk management, and their existing portfolio of environmental liabilities. Over the last five years Mr. Fickerson has successful managed the environmental assessment, remediation and regulatory site closure of three former petroleum bulk plants and three former retail petroleum sites located in Arizona and California.

As a senior environmental assessor, Mr. Fickerson has coordinated and/or personally performed over 1,000 due diligence projects on commercial and industrial property located throughout the country. In this capacity, Mr. Fickerson has conducted numerous subsurface investigations, groundwater studies, risk assessments, indoor air quality surveys, remedial feasibility studies, remedial cost evaluations, regulatory agency negotiations, and regulatory site closures.
Project Experience

Integrated Site Closure

June 2005 to Present. Chevron Environmental Management Corporation. For the last several years, Mr. Fickerson has been managing the environmental assessment and remediation of a former gasoline service station located in Santa Barbara, California. During this time frame the site has been fully categorized; multi-phase extraction, vapor extraction, and bio-sparging remediation technologies have been pilot tested, potential sensitive receptors have been fully evaluated, and a sense of trust with the regulatory agency has been built. The project team recently completed an internal, client-driven, comprehensive engineering review. A corrective action plan is forecast to be completed during the first half of 2008, following by the installation of a full scale remediation system.

February 2003 to December 2006. Unocal Corporation. Mr. Fickerson managed the environmental site assessment and remediation of a former bulk fuel terminal in Yuma, Arizona. Non-aqueous phase liquids were present both onsite and offsite at thickness ranging between 0.5 and 3 feet. Long term remediation costs using conventional remediation technologies were forecast in excess $2.5M. Due the extent of non-aqueous phase liquids regulatory site closure was not considered feasible using conventional remedial technologies. In addition, the operation of the existing multi-phase extraction system was costing over $250K/year with marginal hydrocarbon recovery rates. Mr. Fickerson managed the design, execution, and analysis of a steam injection pilot test at this site. Results of the one month pilot test indicated that steam injection increased hydrocarbon recovery by 500 percent. A financial analysis indicates that over $1M dollars could be saved by the site wide implementation a steam injection remediation and regulatory site closure could be achieved in as little as two years.

February 2003 to December 2006. Chevron Corporation. Mr. Fickerson managed the environmental assessment and remediation of a former bulk fuel terminal in Phoenix, Arizona under the tight time restriction imposed by an Aquifer Protection Permit. Working closely with Arizona Department of Environmental Quality, Mr. Fickerson coordinated a comprehensive subsurface soil and groundwater assessment including the advancement of 38 borings, six groundwater wells from depth ranging between 15 and 110 feet below ground surface. Mr. Fickerson lead the remediation team that excavated 3,500 tons of petroleum impacted soil from nine onsite areas of concern; the installation of eight multi-zone vapor extraction/bio-venting wells, and the construction and startup of a soil vapor extraction system.

March 2004 to November 2005. Unocal Corporation. Mr. Fickerson managed the regulatory site closure of a former service station in Phoenix, Arizona. The site is a former gasoline service station located on the corner of a busy street near downtown Phoenix that had become blighted by years of inactivity. The sale of the site and its redevelopment was being hindered by the presence of 1-2-DCA in groundwater at concentrations that exceeded AZ regulatory cleanup objectives. Complicating issues was a nearby dry cleaner who release was impacting the groundwater beneath the service station. Working with ENSR’s risk assessment experts, Mr. Fickerson was able to successfully convince ADEQ that the remaining 1-2-DCA did not present a risk to human health or the environmental, and that regulatory site closure should be issued. The site is currently being redeveloped.

March 2004 to November 2005. Unocal Corporation. Despite extensive onsite assessment and remediation by others regulatory site closure of a former bulk plant in Safford, Arizona was being complicated by a commingled plume from an nearby gasoline service station. Working with ENSR’s hydrologists, Mr. Fickerson was able to convince ADEQ that the presence of benzene along the sites eastern border was a result of the nearby gasoline service station, rather than from an onsite release. Regulatory site closure was granted allowing the site to be sold and redeveloped for beneficial use.
Due Diligence

July 2006 to Present. Academy of Motion Pictures and Sciences. Phase I and Phase II Environmental Site Assessments. Mr. Fickerson is managing the environmental due diligence and environmental liability analysis associated with the acquisition of one city block located in the middle Hollywood of California. Activities conducted to date include reconnaissance of the site and surrounding neighborhood; a review of various historical resources; an analysis of a regulatory database report, review of local and state regulatory agency files, and researching the physical characteristics of the site. Recognized environmental conditions that were identified included current and former USTs, dry cleaners, and the historical use of chlorinated solvents. These environmental concerns were further evaluated by the implementation of a comprehensive subsurface investigation program including the collection and laboratory analysis of soil, soil vapor, and groundwater samples. Over 10 technical environmental reports were prepared summarizing the results of the numerous investigations. Mr. Fickerson and his project team are currently providing the client with technical guidance regarding vapor intrusion mitigation/remediation and environmental liability cost analysis/budgeting for future site redevelopment.

December 2007. MeadWestvaco. Mr. Fickerson performed a Phase I environmental site assessment of a 100,000 square-foot envelope manufacturing plant located on approximately 3.5 acre parcel near downtown Los Angeles, California. The assessment involved a site and area reconnaissance; a review of various historical resources; an analysis of a regulatory database report, review of local and state regulatory agency files, researching the physical characteristics of the site, and preparation of a report.

November 2007. Isle of Capri Casinos. Mr. Fickerson managed the environmental due diligence of the former Multnomah Greyhound Park located on 30 acres in the town of Wood Village, Oregon. This project involved the rapid mobilization of an assessor to visit the site, and a comprehensive historical, regulatory, and environmental database review, and preparation of a report all within the span of less than two weeks in order to meet clients real-estate transaction requirements. Potential environmental liabilities associated with the transaction were evaluated and a budgetary cost estimate was prepared to assist the client in negotiating an equitable purchase price for the property.

September 2007. Air Liquide. Mr. Fickerson performed and managed the environmental due diligence associated with the acquisition a former gasoline fuel blending facility located on 14 acres in San Bernardino, California. Mr. Fickerson designed and implemented a comprehensive soil boring and geophysical survey program to fully evaluate over 30 recognized environmental conditions that were identified onsite. At the conclusion of the project, a budgetary cost estimate that quantified the environmental liabilities associated with the transaction was prepared.

June 2007. FPL Energy. Mr. Fickerson performed the environmental due diligence of the 2,270 acre Fremont Valley Ranch located near California City, California. This assessment involved an in-depth historical, regulatory, internet, and environmental database report review, in conjunction with a site visit, and interviews with current and former employees of the Ranch. Three recognized environmental conditions were identified including existing underground storage tanks and fueling dispensers. At the conclusion of the project, a budgetary costs estimate was prepared to quantify the potential environmental liability associated with the Ranch.

April 2007. Confidential Client. Mr. Fickerson conducted a Phase I environmental site assessment and limited compliance evaluation of 280,000 square-foot chemical storage facility located in Brisbane, California. The project involved a comprehensive historical, regulatory, and environmental database review; as well as interviews with facility management and workers; a thorough site walk; a lengthy document review of the facilities environmental compliance documentation; and research into the facilities off-site contingent liabilities. The project was conducted under strict client confidentiality that was required by the merger and acquisition of two fortune 500 companies.
July 2006. Public Storage. Project manager for the environmental site screening of 47 self-storage properties located throughout North and South Carolina. The project involved site visits; historical reviews; regulatory agency and environmental database review; interviews with facility personnel; a review of previously prepared environmental reports; preparation of site-specific summary reports; and a preparation of a comprehensive cost analysis to quantify the environmental liabilities associated with the transaction. This challenging project was completed within a tight two week timeframe.

May 2006. TA Realty Advisors. Project manager for the environmental site assessment of 15 commercial properties located throughout Southern California. This project involved the preparation of 15 Phase I environmental site assessments, five asbestos surveys and a preparation of a comprehensive cost analysis to quantify the environmental liabilities associated with the transaction.

May 2006. P.S. Business Parks. Mr. Fickerson managed the environmental due diligence associated with three industrial properties located in Signal Hill, California. Recognized environmental conditions identified at the sites included former oil sumps, waste disposal areas, and petroleum production facilities. The environmental concerns associated with each site were further evaluated by the implementation of a comprehensive subsurface soil boring and geophysical program. The identified environmental liabilities were further analyzed and a budgetary cost estimate was prepared to assist the client in their purchase of the sites. The entire project was completed under budget and within the tight time constraints of a real estate transaction.

Northrop/Vought Aircraft Corporation, Comprehensive Soil and Groundwater Assessment, Hawthorne, California. Assistant Project Manager for a comprehensive fence-line to fence-line soil assessment of an 80-acre aerospace manufacturing facility. The assessment involved the drilling and sampling of 200 soil borings and the installation of numerous monitoring wells to assess the extent of soil impacted by halogenated solvents, petroleum hydrocarbons, and metals. As a part of the comprehensive site assessment report, analyzed, evaluated, and prepared detailed geologic cross sections of the site, delineating impacts, which were used in the preparation and implementation of a remedial action plan using in-situ chemical oxidation to remediate groundwater impacts.

July 2004 to September 2004. Public Storage. Project manager for acquisition of 27 self storage sites in Minnesota and Wisconsin. The project involved the performing Phase I environmental site assessments at all 27 sites; asbestos surveys at four sites, subsurface investigations of seven sites; preparation of a comprehensive environmental liability cost estimate; and agency negotiations with Minnesota Pollution Control Agency to obtain letters of “No Association Determination” for four of the 27 sites.

March 2005 to August 2005. Nature Conservancy. Mr. Fickerson managed the environmental due diligence of a former worker camp and precious metals mine in Tecopa, California. Recognized environmental conditions identified at the site were further evaluated by the implementation of a comprehensive trenching program. Total metals were identified in the soil at concentrations that hazardous waste criteria. Potential remedial scenarios were evaluated, a preliminary risk assessment was performed, and discussed with the clients legal counsel. The project team decided that the elevated metals concentrations could be managed in place, thus avoiding costly (in excess of $1M) remediation, and allowing a conservation easement to be placed on this ecologically sensitive property.

August 2003. Teachers Insurance and Annuity Association. Performed a Phase I environmental site assessment of five multi-story office buildings comprising approximately 380,000 square-feet of commercial office space on approximately 15 acres of land located in San Diego, California. This project involved a site visit; interviews with the buildings tenants; historical, regulatory, and environmental database review, and preparation of comprehensive report.
May 2003. PS Business Parks. Mr. Fickerson performed a Phase I environmental site assessment and managed subsurface assessment of a business park containing 437,000 square-feet of commercial office/warehouse space on 25 acres of land in Santa Ana, California. An extensive historical review indicated that the site was formerly occupied by a sugar beet processing plant. The identified recognized environmental conditions were further evaluated by the implementation of a comprehensive soil boring program. Mr. Fickerson prepared a budget cost estimate and assisted the client in obtaining environmental insurance allowing the client to proceed with the purchase of property within the tight time constraints of a real-estate transaction.

April 2002. FleetBoston Financial Group. Performed a Phase I environmental site assessment of the Buena Park Mall and Buena Park Marketplace located off La Palma Avenue in Buena Park, Orange County, California. Combined the buildings totaled approximately 380,000 square-feet of commercial space on approximately 51 acres of land. This project involved visits and interviews with over 100 tenants; historical, regulatory, and environmental database review, and preparation of comprehensive report. At the conclusion of the project a comprehensive environmental liability analysis was performed to quantify potential future environmental costs.

March 2002. Confidential Client. Project manager responsible for a subsurface soil and groundwater assessment of a dry cleaning facility located in Marina Del Rey, California. Despite the presence of chlorinated solvents in groundwater at concentrations that exceed California’s maximum contaminant levels, Mr. Fickerson was able to successfully demonstrate that the release was not a risk to human health or the environment and regulatory site closure was granted by the Los Angeles Regional Water Quality Control Board.

November 2001. Shamrock Logistics GP, LLC. Project manager and primary assessor responsible for the technical environmental liability cost evaluation of groundwater impacts associated with the acquisition of 14 tank farms, heating stations, and over 33 miles of connecting pipelines located throughout Southern California.

September 2001. Teachers Insurance Annuity Association. Prepared a Phase I environmental site assessments and limited compliance assessment of a shopping center that contained over 270,000 square feet of retail space on 31 acres of land located in San Diego, California. This project involved visits and interviews with over 50 tenants; compliance documentation review and analysis; historical, regulatory, and environmental database review, and preparation of comprehensive report.

March 2001. Air Liquide. Prepared Phase I environmental site assessments of four compressed gas facilities and one compressed gas terminated located on the islands of Kauai, Maui, Hawaii, and Oahu, Hawaii. This project involved facility visits, historical, regulatory, and environmental database review, and preparation of site-specific reports.
Brenda H. Miller, REA I
Project Manager

Years Experience: 19

Technical Specialties

- Conducting and/or Managing Real Property Due Diligence, including Phase I and Phase II ESAs, and Asbestos Surveys
- Environmental Regulatory Compliance Evaluations
- California Environmental Quality Act - Initial Studies and Negative Declarations
- Technical Writing/Editing

Professional History

- ENSR

Education

- BA (Theater Arts) University of California, Los Angeles
- Certificate (Hazardous Materials Management) University of California, Santa Barbara

Professional Registrations and Affiliations

- Registered Environmental Assessor I, California

Representative Project Experience

Public Storage, Inc., Phase I ESAs, Throughout United States. Performed approximately 50 environmental due diligence site assessments of self-storage facilities, business parks, restaurants, and current and/or historically industrial facilities (e.g., oil well fields, tanneries, petroleum products distribution facilities, and aerospace manufacturing facilities, etc.) located throughout California, Hawaii, Arizona, Florida, Colorado, Minnesota, Nevada, and Texas. Assessments focused on determining the potential for an environmental liability to be affecting the subject sites due to current or former on-site activities and off-site sources. Tasks involved included site inspection, agency file searches and agency interviews, database review, historical research, and report generation.

Public Storage, Inc., Mini-storage Phase I ESAs, Throughout United States. Responsible for the coordination and management of Phase I ESA research investigations at approximately 200 mini-warehouse properties located throughout the United States. Assessments focused on determining the potential for an environmental liability to be affecting the subject sites due to current or former on-site activities and off-site sources. Historical uses of sites included leather tanning, plating, underground storage tanks; aerospace research, development, and manufacturing;
etching, railroad yards, and oil well fields. Responsible for staffing, quality control, and financial management.

**Teachers Insurance and Annuity Association, Various Phase I ESA and Compliance Assessments, California, Nevada, Washington, Arizona.** Conducted over 30 environmental site assessments and regulatory compliance evaluations of shopping malls, office buildings, industrial business parks, manufacturing facilities, retail/residential complexes, and hotels in Nevada, Washington, and California. Site uses included storage and use of hazardous and acutely hazardous materials and facilities where historical and industrial uses occurred for over 100 years. Conducted site inspection, agency and historical research, audited facility environmental files, evaluated current and historical on-site activities with regard to potential liabilities affecting the site, and prepared written reports.

**Foley and Lardner, Phase I ESA and EH&S Compliance Evaluation, Springfield, Oregon.** Performed a Phase I environmental site assessment and environmental, health, and safety compliance evaluation of an industrial phenol and formaldehyde resin manufacturing plant, including the manufacture of formaldehyde. Regulatory compliance activities included the evaluation of air, hazardous waste, storm water, industrial wastewater, and hazardous materials management, in addition to select OSHA considerations.

**Primary Energy, Phase I Environmental Site Assessment and Regulatory Compliance Review, California, Colorado, and New Jersey.** Conducted and/or managed Phase I environmental site assessments and environmental regulatory compliance reviews of five cogeneration plans located in San Diego and Oxnard, California; Greeley, Colorado; and Kenilworth, New Jersey. The three sites in San Diego are located on Department of Defense military bases and involved research and interaction with base staff in addition to other governmental entities. On-site issues included long-term use of the sites for industrial purposes, above and underground storage of chemicals and fuels, former PCB-containing equipment, and releases of hazardous materials.

**Public Storage, Inc., Business Park Asbestos O & M Plans, Throughout United States.** Responsible for the coordination of O & M Plan preparation of eight self-storage or business park facilities located in California, Texas, Oklahoma, Tennessee, and Georgia. Responsible for client interaction, staffing, and quality control.

**Fleet Financial Group, Railroad Yard Phase I ESA, Los Angeles, California.** Phase I ESA of the former Union Pacific Railroad Taylor Yard that was in operation for approximately 100 years. Through review of agency documents, historical sources, and previous contamination investigations conducted on-site, evaluated the potential liabilities associated with remaining on-site contamination. Conducted site visit, research, interviews and report generation.

**ARCO Pipe Line Company, Pipeline Pump Station Phase I ESAs, Arizona and California.** Performed site assessments at pipeline pump stations located in Oatman and Kingman, Arizona, and Danby, California. Assessments focused on determining
the potential for an environmental liability to be affecting the subject sites due to current or former on-site activities and off-site sources. Tasks involved included site inspection, agency file searches and agency interviews, historical research, database review, and report generation.

**PS Business Parks, Phase I ESA, Signal Hill, California.** Phase I ESA of three former oil field sites located in Signal Hill, California. Historical uses at each site included oil well exploration and production activities dating back to the early 1920s. On-site issues involved determination of former oil well locations and associated activities, including former underground storage tanks and piping, and oil well sumps.

**Nutro Products, Inc., Phase I ESA, Compliance Evaluation, SPCC, and SWPPP, Tennessee and California.** Conducted and/or managed Phase I ESAs with compliance evaluations (including updates) at dog food manufacturing facilities located in Lebanon, Tennessee, and City of Industry, California. Issues identified included the need for Spill Prevention, Control and Countermeasures plans and Storm Water Pollution Prevention Plans at both facilities. Subsequent to the initial Phase I and compliance evaluation, ENSR prepared the SPCC plans and SWPPPs for the two facilities.

**Gibson, Dunn & Crutcher, Phase I ESA and Compliance Evaluation, Seattle and Tacoma, Washington.** Conducted a Phase I ESA and compliance evaluation of a commercial fleet truck refurbishing/reconditioning facility, including storage and sales/distribution of new and reconditioned truck parts (drive shafts, transmissions, differentials, and brake shoes). Reconditioning/refurbishing operations had been conducted on site for over 30 years and included brake de-shearing, machining, painting, welding. On-site current and historical activities included the use and storage of hazardous materials and the generation of hazardous waste.

**Dinsmore & Shohl, Phase I ESAs and Compliance Assessments, Metal Manufacturing/Fabricating Facilities, Compton, California.** Managed and/or conducted site investigations and regulatory compliance assessments of metal manufacturing/fabricating facilities located in Compton and Carson, California. Conducted site inspection, agency and historical investigation, audited facility environmental files, and prepared written report. Responsible for quality control, client interaction, and financial management.

**Whittaker Corporation, Electronics Manufacturing Phase I ESA and Compliance Assessment, Simi Valley, California.** Conducted preliminary site assessment and regulatory compliance evaluation of an electronic cables and connectors manufacturing facility located in Simi Valley, California. Conducted site inspection, agency and historical research, audited facility environmental files, and prepared written report.

**Public Storage, Clandestine Drug Lab Cleanups, Oregon and Washington.** Managed the assessment, cleanup, and closure of clandestine methamphetamine drug labs discovered at approximately 10 self-storage facilities located in Oregon and...
Washington. Duties included identifying qualified subcontractors and agency interaction.

Treno, Inc., HVAC Facilities Phase I ESAs, California, Arizona, Utah, and Nevada. Performed site assessment at heating, ventilation, and air conditioning businesses conducting manufacturing, installation, and service operations located near Salt Lake City, Utah; Phoenix, Arizona; Las Vegas, Nevada; and Los Angeles, California. Assessments focused on determining the potential for an environmental liability to be affecting the subject sites due to current or former on-site activities and off-site sources.

General Electric Capital Corporation, Computer Distribution Facilities Phase I ESAs, Maryland and England. Performed site assessments at two computer assembly/warehouse/distribution centers located in Gaithersburg, Maryland, and at five computer assembly/warehouse distribution centers and/or offices throughout England. Assessments focused on determining the potential for an environmental liability to be affecting the subject sites due to current or former on-site activities and off-site sources. Tasks involved included site inspection, agency file searches and interviews, database review, historical research, and report generation.

Heitman Properties, Ltd./Kennedy-Wilson Properties, 52-acre Shopping Center Phase I ESA Update, Portland, Oregon. Performed a due diligence examination (excluding historical research) of a 52-acre shopping center located in Portland, Oregon. Purpose of the update was to document and identify any evidence of hazardous substances or environmental conditions that would affect the economic value or marketability of the property. Tasks involved included site inspection, agency file reviews and agency interviews, database review, and report generation.

Automotive Realty Trust Association, Auto Dealerships Phase I ESAs, Van Nuys, California. Due diligence assessments of three automotive dealership facilities where current and/or historical USTs and LUSTs were located. Project tasks included site inspection, agency and historical research, database review and evaluation, and report generation. Responsible for client interaction and financial management.

InterBank Brenner, Hotel/Resort Complex Phase I ESA, Honolulu, Hawaii. Conducted a Phase I ESA of the Hilton Hawaiian Village resort. Project tasks included review and evaluation of documents regarding historical leaking USTs, asbestos-containing materials, and lead-based paint to determine potential liabilities currently associated with the site. Conducted agency and historical research, database review and evaluation, site inspection, and report generation.

Chase Manhattan Bank, Warehouse/Retail Facility Phase I ESA, Reno, Nevada. Performed a Phase I due diligence assessment of a retail and warehouse facility located in Reno, Nevada. Assessment included a site reconnaissance, research, and interviews with representatives of the public, property management, and regulatory agencies, and report generation.
Phase I Environmental Site Assessment of 80 Acres of Desert Land, Fremont Valley, Near Highway 14, Kern County, California
EXECUTIVE SUMMARY

Beacon Solar, LLC (BSL) contracted with ENSR Corporation to perform a Phase I Environmental Site Assessment (ESA) of 80 acres of vacant desert located in the Fremont Valley, approximately 14 miles north of Mojave off Highway 14, Kern County, California. This Phase I ESA was performed in conformance with the general scope and limitations of ASTM Standard Practice E 1527-05 for ESAs. Exceptions to, or deletions from, this practice are described in Section 1.3 of this report.

This assessment took place between February 7 and February 25, 2008, with the site visit occurring on February 13, 2008. The subject property consists of six separate parcels of land that together comprise 80 acres. This rectangular shaped property consists entirely of vacant desert. No structures or buildings were located on the subject property.

The surrounding properties consist of a combination of disturbed desert (by past agricultural activities) and undeveloped desert. Overhead power lines and vacant undeveloped land was present to the north of the subject property. The former Freemont Valley Ranch borders the eastern, southern and western property boundaries. It is ENSR’s understanding alfalfa was the primarily crop grown at the ranch. The ranch reportedly ceased agricultural activities in the mid 1980s and has remained fallow since that time.

Historical research indicates that subject property has been vacant undeveloped land since at least the early 1900s up to the present.

Based on ENSR’s site visit; review of governmental environmental databases, files, and historical documents; and interviews conducted with selected individuals, no recognized environmental conditions (RECs) were identified. No additional assessment is recommended at this time.
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1.0 Introduction

1.1 Purpose

The purpose of this ESA is to provide the client with information for use in evaluating potential environmental concerns associated with the subject property.

1.2 Scope of work

The Phase I ESA included a site visit, regulatory research, historical review, and environmental database search of 80 acres of vacant desert land located approximately 14 miles north of Mojave off Highway 14, Kern County, California. In conducting the Phase I ESA, ENSR assessed the subject property for visible signs of possible contamination, researched public records for the subject property, and conducted interviews with representatives of the public, regulatory agencies, current tenants, and the property management. This project was performed in general accordance with American Society for Testing and Materials (ASTM) Standard Practice Designation E 1527-05.

ENSR’s standard terms and conditions for this report include, in addition to the ASTM Phase I ESA scope of work, visual assessment of potential asbestos-containing materials (ACM), lead-based paint, and equipment with the potential to contain polychlorinated biphenyls (PCBs). Conclusions made in this report are based upon the assessment performed and are subject to the study limitations presented in Section 1.3, below.

1.3 Study limitations

This report describes the results of ENSR's Phase I ESA conducted to identify the potential presence of a significant hazardous material or a petroleum hydrocarbon contamination problem involving or materially affecting the subject property. During the course of this due diligence assessment, ENSR has attempted to independently assess the potential presence of such conditions within the limits of the established scope of work as described in our proposal.

As with any due diligence evaluation, there is a certain degree of dependence upon verbal information provided by facility or site representatives which is not readily verifiable through visual observations or supported by any available written documentation. During the course of this due diligence assessment, ENSR has attempted to independently assess the potential presence of such conditions within the limits of the established scope of work as described in our proposal. However, verification of potentially important facts is not always possible. ENSR 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.

This report was prepared by ENSR in accordance with the agreed upon scope of work and generally accepted scientific practice in effect at the time of ENSR's assessment of the subject property. The statements, conclusions, and opinions contained in this report are only intended to give approximations of the environmental condition of the site. Moreover, there are several major limitations that are inherent in the conduct of this, or any other, environmental due diligence assessment.

- First, it is difficult to predict which, if any of the potential environmental issues identified will become actual problems in the future, for federal and state environmental regulations continually change, as do the enforcement priorities of the applicable governmental agencies involved.
• Second, even for problems currently identified, it is often difficult and sometimes impossible to accurately estimate the liabilities that may be involved in remediating the problem(s), for the legal and technological standards for evaluating, remediating, and allocating liability for environmental issues are in a constant state of change. Moreover, the liability for remediating environmental problems tends to be highly dependent upon agency negotiations and the sometimes arbitrary and unpredictable nature of agency officials charged with such negotiations.

• Third, there is always the distinct possibility that major sources of future environmental liability have yet to manifest themselves to the point where they are reasonably identifiable through an external assessment such as the one conducted herein.

This report was prepared by ENSR for the benefit of its client, BSL. ENSR's client may release the information to third parties, who may use and rely upon the information at their discretion. However, any use of or reliance upon the information by a party other than specifically named above shall be solely at the risk of such third party and without legal recourse against ENSR, its parent, its subsidiaries and affiliates; or their respective employees, officers, or directors; regardless of whether the action in which recovery of damages is sought is based upon contract, tort (including the sole, concurrent, or other negligence and strict liability of ENSR), statute, or otherwise. This information shall not be used or relied upon by a party that does not agree to be bound by the above statement.

Notwithstanding the above, any lender for which the subject property may be collateral for a loan by said lender shall have the right to rely on this report with the same rights and subject to the same limitations as BSL.

1.4 Data failure/data gaps

ENSR submitted Freedom of Information Act (FOIA) requests to the Regional Water Quality Control Board (RWQCB) and the Kern County Department of Environmental Health (KCDEH) regarding historical hazardous materials releases at the subject property (if any). Responses to these FOIA requests have not been received as of the date of this report. Based on the information contained within this report, ENSR does not anticipate that the responses from these regulatory agencies will alter the conclusions or recommendations of this report. Therefore, ENSR does not consider this a significant data failure or gap in the preparation of this report.

Per ASTM E 1527-05, interviews with 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. During the ESA process, ENSR was not provided with contact information for the owner of the subject property. This limitation is not expected to change the outcome of the report based on historical information gathered from other sources, which are documented throughout this report.
2.0 Site Description

2.1 Site location
The subject property is accessed off Highway 14, approximately 14 miles north of the town of Mojave, approximately one mile southwest of the unincorporated community of Cantil, and approximately two miles south of Jawbone Canyon in the northern part of the Antelope Valley, Kern County, California. The area of the subject property is referred to as Fremont Valley and is generally occupied by various ranches and undeveloped desert. The approximate location of the subject property is illustrated on Figure 1 - Site Location Map.

2.2 Site ownership
The six parcels that comprise the subject property are owned by six separate individuals. No information on the past land ownership was identified.

2.3 Site Visit
Mr. Jim Fickerson of ENSR’s Camarillo, California, office visited the Ranch on February 13, 2008. The weather at the time the site visit was excellent with clear skies, dry conditions, windy, and temperatures in the mid 60s degrees F. Representative photographs taken during the site visit are provided as Appendix A.

The site visit methodology consisted of walking through portions of the subject property, with particular focus being areas of dumping/garbage and debris; and driving the perimeter of the property and selected portions of the interior of the subject property. Field binoculars were used during the course of the assessment to ensure that significant site features were visually evaluated. The following sections summarize the results of the site visit.

2.3.1 Site description
The subject property consists of six separate parcels of land that together comprise 80 acres. This rectangular shaped property consists entirely of vacant desert. Visual evidence of recent water erosion was evident throughout much of the subject property. According to Mr. Switzer, this property receives much of the runoff from the nearby Freemont Valley ranch during rain events. Several sets of motorcycle tracks were observed traversing the subject property. Some trash and debris was observed scattered through the property, the majority of which appeared to be wind blown.

No structures or buildings were observed on subject property. During the site visit no visual evidence of groundwater monitoring wells, clarifiers, or dry wells, was observed on the subject property. In addition, no discolored soil, water, unusual vegetative conditions, staining or visual evidence of hazardous materials release was observed at the time of ENSR’s site visit. The approximate layout of the subject property is illustrated in Figure 2 – Site Plan.

2.3.2 Building description
No buildings or structures were present on the subject property.
2.3.3 Surrounding properties
The surrounding properties consist of a combination of disturbed desert (by past agricultural activities) and undeveloped desert. Overhead power lines and vacant undeveloped land is present to the north of the subject property. The former Freemont Valley Ranch borders the eastern, southern and western property boundaries.

2.3.4 Petroleum hydrocarbons and hazardous materials
No petroleum hydrocarbons or hazardous materials were observed on the subject property during ENSR’s site visit.

2.3.5 Aboveground storage tanks (ASTs)
No ASTs were observed on the subject properties during ENSR’s site visit.

2.3.6 Underground storage tanks (USTs)
No visual evidence of fuel-related USTs (e.g., vent pipes, fill ports) was observed during the site visit of the subject property. In addition, no USTs were listed in the State of California Geotracker® database or the environmental database report reviewed by ENSR.

2.3.7 Solid Waste
No dumpsters or trash enclosures were observed at the subject property during ENSR’s site visit. As noted in Section 2.3.1, miscellaneous wind blown trash was occasionally observed during the site visit.

2.3.8 Stormwater
No stormwater drains were observed during ENSR’s site visit. Based on ENSR’s site visit and a review of the topographic maps of the subject property area, stormwater is generally anticipated to flow in a northeasterly direction or infiltrate into the ground.

2.3.9 Utilities
No utilities appear to be present on the subject property.

2.3.10 Polychlorinated biphenyls
No pad mounted, pole mounted, or other potential PCB containing equipment was observed on the subject property.

2.3.11 Asbestos
No structures were observed on the subject properties during ENSR’s site visit.

2.3.12 Lead-based paint (LBP)
No structures were observed on the subject properties during ENSR’s site visit.

2.3.13 Water intrusion
No structures were observed on the subject properties during ENSR’s site visit.
3.0 Environmental Setting

3.1 Topography
According to the United States Geological Survey (USGS) topographic maps of the subject property area (Mojave, Castle Butte, Cross Mountain, and Salt Dale, California, quadrangles), the elevation of the subject property ranges between approximately 2,025 feet above mean sea level (msl) on the northern side of the subject property to approximately 2,040 feet above msl on the southern edge of the subject property. Based on a review of the topographic maps and ENSR's site visit, the subject property slopes gradually downward from the southwest towards the northeast.

3.2 Soil
According to information provided by Mr. Switzer and the U.S. Department of Agriculture’s Soil Conservation Services the site soils consist of sandy loam to heavy loam. Soils of this type are anticipated to have high infiltration rates. During ENSR’s site visit, ENSR noted that the onsite surface soils appear to consist of silty sands and cobbles.

3.3 Groundwater
According to California’s Groundwater Bulletin 118, the subject property is located within the Fremont Valley Groundwater Basin. The basin is characterized by both Quaternary alluvium and Lacustrine deposits. However, the alluvium is considered the most important water-bearing material in the basin. Groundwater in the alluvium is generally unconfined. Average well yield in the basin is reportedly 530 gallons per minute. A number of water wells are located on the former Freemont Ranch. In October 2007, the depth to groundwater below the Ranch ranged from 210 to 436 feet below ground surface. Groundwater, beneath the subject property is anticipated to flow in a northeasterly direction.

3.4 Radon
Radon is a radioactive gas that is generated by the decay of radium in the underlying soil and rocks. Radon gas levels are highly site specific and are influenced by soil and building conditions, including pressure differentials between the soil and the building. The U.S. EPA has established a guideline threshold of 4.0 PicoCuries per liter (pCi/L) of air, above which there may be adverse health risks if exposure continues over a prolonged period of time (generally 70 years).

Review of the EDR report revealed that one State radon test has been conducted in the ZIP code for the subject property (Zip code 93501). The results of this test revealed that less than 4.0 pCi/L of radon per liter of air were detected. According to the EDR report the site is located in EPA Radon Zone 2. Of 94 sites tested in Kern County, the average radon concentration was reported to be 1.422 pCi/L in first floor of the building. No results were provided for the basement or second floor living spaces. Based on this information, it is ENSR’s opinion that radon does not present a significant environmental concern at the subject property. No site-specific radon testing information was provided for ENSR’s review.

3.5 Wetlands
No wetlands-type vegetation (i.e., cattails, etc.) was observed during the site visit, nor were wetlands depicted on the USGS map for the site area. In addition, no pits, ponds, or lagoons were observed onsite during ENSR’s visit. Visual evidence of recent water erosion was observed throughout the subject property. Please note that a wetlands delineation survey was not conducted as part of this assessment.
3.6 Floodplains

According to the Federal Emergency Management Agency (FEMA) flood insurance rate map (1996) the subject property contains areas predisposed for minimal flooding.
4.0 Site and Area History


According to EDR, no Sanborn® fire insurance maps are available for the subject property. No previously prepared environmental reports were provided for ENSR's review during the course of this assessment or are thought to be available according to Mr. Switzer.

4.1 Subject property

Historical research indicates that subject property has been vacant undeveloped land since at least the early 1900s up the present. According Mr. Switzer, unlike the surrounding properties, the subject property was not considered suitable for agricultural use, primarily due to drainage issues. Mr. Switzer was not aware of previous releases of hazardous materials at the subject property.

4.2 Adjacent sites

Historical research indicates that the surrounding sites were largely vacant and undeveloped desert from at least the early 1900s until the mid to late 1970s when the properties to the east, south and west were developed into agricultural use (primarily alfalfa) in association with the Freemont Valley Ranch. No historical offsite sources of concern were identified.
5.0 Database and Records Review

5.1 User Provided Information

ENSR contacted Mr. Kenneth Stein with BSL regarding his knowledge of title records, environmental liens, specialized knowledge, and/or real estate value reduction issues associated with the subject property. Mr. Stein was not aware of environmental cleanup liens or activity use limitations that had been placed on the subject property. Mr. Stein stated that he did not have specialized knowledge or experience that is material to RECs in connection with the subject property. It was Mr. Stein’s opinion that the purchase price of the subject property reflected its fair market value.

Mr. Stein stated that it was his impression that the subject property has been vacant undeveloped land with no historical development. He was unaware of the specific chemicals, spills, chemical releases, or environmental cleanups that have taken place at the subject property. According to Mr. Stein, it was his opinion that there were no obvious indicators pointing to the presence or likely presence of contamination at the subject property.

5.2 Title Records/Environmental Liens

An environmental lien search was not performed as part of this assessment. Based on ENSR’s land use and historical research, it is ENSR’s opinion that an environmental lien is unlikely to have been placed on the subject property. ENSR was provided with Title reports for the subject property. No environmental liens were recorded in the Title reports.

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 EDR report 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 EDR report. Sites that could not be mapped by EDR were researched by ENSR during the site reconnaissance. A summary of the results of the EDR database search are presented below. A list of the databases searched and the search distances are provided in the EDR report. A copy of the database report is provided in Appendix B.

Based on ENSR’s research, the subject property is not located on or within a one-mile radius of tribal lands.

5.3.1 Subject property

The subject property was not listed in the environmental database report.

5.3.2 Surrounding sites

None of the surrounding sites were identified in the environmental database report. The nearest environmental database listings are for the Honda Proving Center located approximately ½ mile east of the subject property and the Jawbone Canyon Store located approximately 2 mile northwest of the subject property. The Honda Proving Center is listed on the Haznet and SWEEPS UST databases, neither of which are contamination-related databases. The Jawbone Store is listed in the Haznet, LUST, and Cortese databases. Based on its distance and down-gradient position relative to the subject property, it is ENSR’s opinion that the Jawbone Canyon Store is not a REC.
No additional offsite sources of concern were identified in the environmental database report, or during ENSR’s area reconnaissance.

5.4 Agency review

5.4.1 Kern County Environmental Health Department

ENSR submitted a Freedom of Information Act (FOIA) request to the Kern County Environmental Health Department Hazardous Materials Program (County) to determine if they have files related to the onsite USTs and/or a historical hazardous materials release that may have occurred at the subject property. As of the date of this report, a response from the County has not been received. Based on ENSR’s research to date, ENSR does not anticipate the response from the County to our FOIA request will significantly alter the conclusions or recommendations of this report.

5.4.2 Regional Water Quality Control Board

ENSR submitted a FOIA to Ms. Robin Coale with the Regional Water Quality Control Board (RWQCB) to determine they have files related to the UST and/or a historical hazardous materials release that may have occurred at the subject property. As of the date of this report, a response to ENSR’s FOIA requests had not been received from the RWQCB. Based on ENSR’s research to date, ENSR does not anticipate the response from the RWQCB to our FOIA request will significantly alter the conclusions or recommendations of this report.
6.0 Conclusions and Recommendations

ENSР performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the subject property. Any exception to, or deletions from, this practice are described in Section 1.0 of the report. No REC were identified during this assessment. No additional assessment is recommended at this time.
7.0 Quality Control/Quality Assurance

7.1 Site visit, research, and report preparation:
The site visit, research and report preparation were conducted by Mr. Jim Fickerson, Senior Project Manager, in ENSR's Camarillo, California office. Mr. Fickerson completed this report on February 25, 2008. Mr. Fickerson has over 10 years of environmental due diligence experience and has performed and/or managed hundreds of Phase I ESAs of commercial and industrial property located throughout the United States. Mr. Fickerson's signature is below and his resume is included in Appendix C.

Signature: ___________________________
Jim Fickerson, Senior Project Manager

7.2 Quality control review
A review of this report was conducted by Mr. Mike Arvidson, Section Manager, in ENSR's Camarillo, California, office. Mr. Arvidson completed his review of this report on February 26, 2008. Mr. Arvidson has over 9 years of environmental due diligence experience and has performed and/or managed Phase I ESAs of commercial and industrial property located throughout the western United States. Mr. Arvidson's signature is below and his resume is included in Appendix C.

Signature: ___________________________
Mike Arvidson, Section Manager

7.3 Environmental professional statement
Mr. Fickerson was the Environmental Professional for this project. Mr. Fickerson’s Environmental Professional statement is below:

I declare that, to the best of our professional knowledge and belief, I meet the definition of an Environmental Professional as defined in §312.10 of 40 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 the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Signature: ___________________________
Jim Fickerson, REA
Senior Project Manager

Date: February 25, 2008
8.0 References

8.1 Persons Interviewed/Agencies Contacted

Coale, Robin, Lahontan Regional Water Quality Control Board, Victorville Office, 14440 Civic Drive, Suite 200, Victorville, California 92392, (760) 241-6583, rcoale@waterboards.ca.gov. Contacted by Mr. Jim Fickerson, ENSR Corporation, 1220 Avendia Acaso, Camarillo, California 93012, on February 25, 2008.


Switzer, Ken, Switzer Land Company, 609 West Ojai Avenue, Ojai, California 93023, (805) 646-1276. Interviewed by Mr. Jim Fickerson, ENSR Corporation, 1220 Avendia Acaso, Camarillo, California 93012, on February 13, 2008.


8.2 Documents Reviewed


Assessor Parcel Information, Kern County Assessors. Information reviewed online at: http://assessor.co.kern.ca.us/kips/property_search.asp


FIGURES
APPENDIX A
Representative Site Photographs
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<thead>
<tr>
<th>Photo No.</th>
<th>Date</th>
<th>Direction Photo Taken</th>
<th>Description</th>
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<tr>
<td>1</td>
<td>2/13/08</td>
<td>West</td>
<td>View of the subject property looking west.</td>
</tr>
<tr>
<td>2</td>
<td>2/13/08</td>
<td>Northwest</td>
<td>View of disturbed desert that is located to the west of the subject property.</td>
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</tbody>
</table>
**PHOTOGRAPHIC LOG**

<table>
<thead>
<tr>
<th>Site Name: 80 Vacant Parcel of Desert Land</th>
<th>Site Location: Near Highway 14, Kern County, California</th>
<th>Project No. 10056-014-150</th>
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<tr>
<td><strong>Photo No. 3</strong></td>
<td><strong>Date:</strong> 2/13/08</td>
<td><strong>Direction Photo Taken:</strong> Southwest</td>
</tr>
<tr>
<td><strong>Description:</strong></td>
<td></td>
<td>View of disturbed desert that is located to the south and west of the subject property.</td>
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</table>

<p>| <strong>Photo No. 4</strong> | <strong>Date:</strong> 2/13/08 | <strong>Direction Photo Taken:</strong> Southwest |
| <strong>Description:</strong> | | View of motor cycle tracks that are present in the central portion of the subject property. |</p>
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<thead>
<tr>
<th>Photo No.</th>
<th>Date</th>
<th>Direction Photo Taken</th>
<th>Description</th>
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<tr>
<td>5</td>
<td>2/13/08</td>
<td>North</td>
<td>View of motor cycle tracks that were observed within a dry wash that runs through the central portion of the subject property. The overhead power lines in the distance mark the northern property boundary.</td>
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<tr>
<td>6</td>
<td>2/13/08</td>
<td>Northeast</td>
<td>View of the subject property looking northeast.</td>
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<tr>
<td>Photo No.</td>
<td>Date</td>
<td>Direction Photo Taken</td>
<td>Description</td>
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<td>------------------------</td>
<td>-------------------------------------------------------</td>
</tr>
<tr>
<td>7</td>
<td>2/13/08</td>
<td>North</td>
<td>View of the subject property looking north.</td>
</tr>
<tr>
<td>8</td>
<td>2/13/08</td>
<td>South</td>
<td>View of the subject property looking south.</td>
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</table>
APPENDIX B
Environmental Database Report
The EDR Radius Map™ Report

80-Acre Parel of Vacant Land
Near Highway 14
Freemont Valley, CA  93501

Inquiry Number: 02142115.1r

February 12, 2008

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com
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**

NEAR HIGHWAY 14  
FREEMONT VALLEY, CA 93501

**COORDINATES**

- Latitute (North): 35.274950 - 35° 16’ 29.8”
- Longitude (West): 118.000670 - 118° 0’ 2.4”
- Universal Tranverse Mercator: Zone 11
- UTM X (Meters): 408990.0
- UTM Y (Meters): 3903795.2
- Elevation: 2034 ft. above sea level

**USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

- Target Property Map: 35117-C8 CANTIL, CA
  Most Recent Revision: 1973
- West Map: 35118-C1 CINCO, CA
  Most Recent Revision: 1994

**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:

**FEDERAL RECORDS**

- NPL: National Priority List
- Proposed NPL: Proposed National Priority List Sites
- Delisted NPL: National Priority List Deletions
- NPL LIENS: Federal Superfund Liens
- CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
- CERC-NFRAP: CERCLIS No Further Remedial Action Planned
- LIENS 2: CERCLA Lien Information
## EXECUTIVE SUMMARY

### CORRACTS
Corrective Action Report

### RCRA-TSDF
RCRA - Transporters, Storage and Disposal

### RCRA-LQG
RCRA - Large Quantity Generators

### RCRA-SQG
RCRA - Small Quantity Generators

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

### RCRA-NonGen
RCRA - Non Generators

### US ENG CONTROLS
Engineering Controls Sites List

### US INST CONTROL
Sites with Institutional Controls

### ERNS
Emergency Response Notification System

### HMIRS
Hazardous Materials Information Reporting System

### DOT OPS
Incident and Accident Data

### US CDL
Clandestine Drug Labs

### US BROWNFIELDS
A Listing of Brownfields Sites

### DOD
Department of Defense Sites

### FUDS
Formerly Used Defense Sites

### LUCIS
Land Use Control Information System

### CONSENT
Superfund (CERCLA) Consent Decrees

### ROD
Records Of Decision

### UMTRA
Uranium Mill Tailings Sites

### DEBRIS RÉGION 9
Torres Martinez Reservation Illegal Dump Site Locations

### ODL
Open Dump Inventory

### MINES
Mines Master Index File

### TRIS
Toxic Chemical Release Inventory System

### TSCA
Toxic Substances Control Act

### FTTs
FIFRA/TSCA Tracking System

### 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

### STATE AND LOCAL RECORDS

<table>
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<th>HIST Cal-Sites</th>
<th>Historical Cal-Sites Database</th>
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<tr>
<td>CA BOND EXP. PLAN</td>
<td>Bond Expenditure Plan</td>
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<tr>
<td>SCH</td>
<td>School Property Evaluation Program</td>
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<td>Toxic Pits</td>
<td>Toxic Pits Cleanup Act Sites</td>
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<td>SWF/LF</td>
<td>Solid Waste Information System</td>
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<td>CA WDS</td>
<td>Waste Discharge System</td>
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<td>WMUDS/SWAT</td>
<td>Waste Management Unit Database</td>
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<td>Cortese</td>
<td>&quot;Cortese&quot; Hazardous Waste &amp; Substances Sites List</td>
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<tr>
<td>SWRCY</td>
<td>Recycler Database</td>
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<tr>
<td>LUST</td>
<td>Geotracker’s Leaking Underground Fuel Tank Report</td>
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<tr>
<td>CA FID UST</td>
<td>Facility Inventory Database</td>
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<tr>
<td>SLIC</td>
<td>Statewide SLIC Cases</td>
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<td>Hist UST</td>
<td>Hazardous Substance Storage Container Database</td>
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<td>AST</td>
<td>Aboveground Petroleum Storage Tank Facilities</td>
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<td>LIENS</td>
<td>Environmental Liens Listing</td>
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<tr>
<td>SWEEPS UST</td>
<td>SWEEPS UST Listing</td>
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<tr>
<td>CHMIRS</td>
<td>California Hazardous Material Incident Report System</td>
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</table>
EXECUTIVE SUMMARY

Notify 65  Proposition 65 Records
DEED  Deed Restriction Listing
VCP  Voluntary Cleanup Program Properties
CLEANERS  Cleaner Facilities
WIP  Well Investigation Program Case List
CDL  Clandestine Drug Labs
RESPONSE  State Response Sites
HAZNET  Facility and Manifest Data
EMI  Emissions Inventory Data
HAULERS  Registered Waste Tire Haulers Listing
ENVIROSTOR  EnviroStor Database

TRIBAL RECORDS
INDIAN RESERV  Indian Reservations
INDIAN LUST  Leaking Underground Storage Tanks on Indian Land
INDIAN UST  Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS
Manufactured Gas Plants  EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS
Surrounding sites were not identified.

Unmappable (orphan) sites are not considered in the foregoing analysis.
Due to poor or inadequate address information, the following sites were not mapped:

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<tr>
<th>Site Name</th>
<th>Database(s)</th>
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<tr>
<td>OASIS</td>
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<td>FIRE STATION #14</td>
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<td>CALIFORNIA HIGHWAY PATROL</td>
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<td>JAWBONE CANYON STORE</td>
<td>LUST, Cortese</td>
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<tr>
<td>MOJAVE BURN DUMP</td>
<td>CERC-NFRAP</td>
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<tr>
<td>BLM-CACTUS GOLD MINES CO.</td>
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<td>RED ROCK CANYON DEPT OF PARKS</td>
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<td>CALTRANS MOJAVE MAINTENANCE</td>
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<td>OASIS CLUB INC</td>
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<td>FASTRIP FOOD STORE #38</td>
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<td>PRICE SAVERS TRUCK STOP/RAPID LUBE</td>
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<td>AT AND T (CA7004)</td>
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<td>SHAHNAZ ENT</td>
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<td>RCRA-SQG, FINDS, HAZNET</td>
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## MAP FINDINGS SUMMARY

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<th>Database</th>
<th>Target Property</th>
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<th>1/8 - 1/4</th>
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<th>&gt; 1</th>
<th>Total Plotted</th>
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- **TP** = Target Property
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- Sites may be listed in more than one database
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<td>MOJAVE</td>
<td>S106027443</td>
<td>CALIFORNIA HIGHWAY PATROL</td>
<td>1365 HWAY 58</td>
<td>93501</td>
<td>CA FID UST, SWEEPS UST</td>
</tr>
<tr>
<td>MOJAVE</td>
<td>S10692719</td>
<td>JAMESON HILL STATION #703</td>
<td>SE CORNER HWY 58 / 14</td>
<td>93501</td>
<td>SWEEPS UST</td>
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<td>MOJAVE</td>
<td>S106922696</td>
<td>ANGELES TRUCK STOP</td>
<td>2001 HWY 58</td>
<td>93501</td>
<td>SWEEPS UST</td>
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<td>MOJAVE</td>
<td>10003879873</td>
<td>MOJAVE BURN DUMP</td>
<td>2M S OF HWY 58/2M E OF MOJAVE</td>
<td>93501</td>
<td>CORC-NFRAP</td>
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<tr>
<td>MOJAVE</td>
<td>U004113900</td>
<td>AM PM MINI MART #5674</td>
<td>16300 SIERRA HWY (HWY 14)</td>
<td>93501</td>
<td>UST</td>
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<td>MOJAVE</td>
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<td>16660 SIERRA HWY</td>
<td>93501</td>
<td>UST</td>
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<td>MOJAVE</td>
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<td>MOJAVE SHELL</td>
<td>16048 SIERRA HWY (HWY 14)</td>
<td>93501</td>
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<td>MOJAVE</td>
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<td>MOJAVE STATION</td>
<td>15887 N SIERRA HWY</td>
<td>93501</td>
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<td>MOJAVE</td>
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<td>UST</td>
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<td>17031 SIERRA HWY (HWY 14)</td>
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<td>UST</td>
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<td>MOJAVE</td>
<td>10003879733</td>
<td>BLM-CACTUS GOLD MINES CO.</td>
<td>STAR RTE 1-BACKUS RD &amp; TEHACHA</td>
<td>93501</td>
<td>CORC-NFRAP</td>
</tr>
</tbody>
</table>
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.

**FEDERAL RECORDS**

**NPL:** National Priorities List

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

- **Date of Government Version:** 10/02/2007
- **Date Data Arrived at EDR:** 12/03/2007
- **Date Made Active in Reports:** 12/28/2007
- **Number of Days to Update:** 25

**NPL Site Boundaries**

**Sources:**
- EPA’s Environmental Photographic Interpretation Center (EPIC)
  
  **Telephone:** 202-564-7333

- **EPA Region 1**
  
  **Telephone:** 617-918-1143

- **EPA Region 2**
  
  **Telephone:** 215-814-5418

- **EPA Region 3**
  
  **Telephone:** 404-562-8033

- **EPA Region 4**
  
  **Telephone:** 312-886-6686

- **EPA Region 5**
  
  **Telephone:** 206-553-8665

- **EPA Region 6**
  
  **Telephone:** 214-655-6659

- **EPA Region 7**
  
  **Telephone:** 913-551-7247

- **EPA Region 8**
  
  **Telephone:** 303-312-6774

- **EPA Region 9**
  
  **Telephone:** 415-947-4246

- **EPA Region 10**
  
  **Telephone:** 214-655-6659

**Proposed NPL:** Proposed National Priority List Sites

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

- **Date of Government Version:** 10/02/2007
- **Date Data Arrived at EDR:** 12/03/2007
- **Date Made Active in Reports:** 12/28/2007
- **Number of Days to Update:** 25

**DELISTED NPL:** National Priority List Deletions

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

- **Date of Government Version:** 10/02/2007
- **Date Data Arrived at EDR:** 12/03/2007
- **Date Made Active in Reports:** 12/28/2007
- **Number of Days to Update:** 25
NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

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: 04/23/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 70

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: 06/21/2007
Date Data Arrived at EDR: 07/23/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 37

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: 08/08/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/18/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

RCRA-TSDF: RCRA - Transporters, 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.
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 Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25  
Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 12/21/2007  
Next Scheduled EDR Contact: 02/18/2008  
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 Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25  
Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 12/21/2007  
Next Scheduled EDR Contact: 02/18/2008  
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 Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25  
Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 12/21/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: Varies

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 Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25  
Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 12/21/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: Varies
US ENG CONTROLS: Engineering Controls Sites List
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

- Date of Government Version: 07/16/2007
- Source: Environmental Protection Agency
- Telephone: 703-603-8905

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: 07/16/2007
- Source: Environmental Protection Agency
- Telephone: 703-603-8905

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

- Date of Government Version: 12/31/2006
- Source: National Response Center, United States Coast Guard
- Telephone: 202-267-2180

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

- Date of Government Version: 10/01/2007
- Source: U.S. Department of Transportation
- Telephone: 202-366-4555

DOT OPS: Incident and Accident Data
Department of Transportation, Office of Pipeline Safety Incident and Accident data.

- Date of Government Version: 08/14/2007
- Source: Department of Transportation, Office of Pipeline Safety
- Telephone: 202-366-4595

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.
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.

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.

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.

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

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.
<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
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<td>01/14/2008</td>
<td>EPA</td>
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<td>01/30/2008</td>
<td>8</td>
<td>03/31/2008</td>
<td>Annually</td>
</tr>
<tr>
<td>07/13/2007</td>
<td>Energy</td>
<td>12/03/2007</td>
<td>01/24/2008</td>
<td>52</td>
<td>03/17/2008</td>
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<td>06/30/1985</td>
<td>EPA, Region 9</td>
<td>08/09/2004</td>
<td>09/17/2004</td>
<td>39</td>
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<td>08/14/2007</td>
<td>Labor, Mine Safety and Health Administration</td>
<td>12/03/2007</td>
<td>12/28/2007</td>
<td>25</td>
<td>03/24/2008</td>
<td>Semi-Annually</td>
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</table>

**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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
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<td>01/14/2008</td>
<td>EPA</td>
<td>01/22/2008</td>
<td>01/30/2008</td>
<td>8</td>
<td>03/31/2008</td>
<td>Annually</td>
</tr>
</tbody>
</table>

**UMTRA:** Uranium Mill Tailings Sites

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

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
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<tbody>
<tr>
<td>07/13/2007</td>
<td>Energy</td>
<td>12/03/2007</td>
<td>01/24/2008</td>
<td>52</td>
<td>03/17/2008</td>
<td>Varies</td>
</tr>
</tbody>
</table>

**DEBRIS REGION 9:** Torres Martinez Reservation Illegal Dump Site Locations

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

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
</table>

**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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
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<tr>
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<td>EPA, Region 9</td>
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<td>09/17/2004</td>
<td>39</td>
<td>N/A</td>
<td>No Update Planned</td>
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</table>

**MINES:** Mines Master Index File

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

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
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<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
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<tbody>
<tr>
<td>08/14/2007</td>
<td>Department of Labor, Mine Safety and Health Administration</td>
<td>12/03/2007</td>
<td>12/28/2007</td>
<td>25</td>
<td>03/24/2008</td>
<td>Semi-Annually</td>
</tr>
</tbody>
</table>

**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.
**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.

**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.

**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.

**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.
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 Data Arrived at EDR: 08/13/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 59
Source: Environmental Protection Agency
Telephone: 202-564-5088
Next Scheduled EDR Contact: 01/15/2008
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: 04/12/2007
Date Data Arrived at EDR: 06/08/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 82
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/07/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which
possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency,
EDR contacts the Agency on a quarterly basis.
Date of Government Version: 10/04/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 10/30/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/31/2008
Next Scheduled EDR Contact: 04/28/2008
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: 10/18/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25
Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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.
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

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

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

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 11/26/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: No Update Planned

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

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: 08/28/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
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: 02/11/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: No Update Planned
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: 09/10/2007
Date Data Arrived at EDR: 09/12/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 16
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Quarterly

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

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

CA 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
Next Scheduled EDR Contact: 03/17/2008
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: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 10/09/2007
Date Data Arrived at EDR: 10/11/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 27
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

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
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: No Update Planned
LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board’s LUST database.
Date of Government Version: 02/14/2005
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
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
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: 09/07/2004
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
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Date of Government Version: 07/01/2007
Date Data Arrived at EDR: 08/01/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 8
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
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
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
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2004  
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Date Data Arrived at EDR: 10/20/2004  
Telephone: 510-622-2433  
Date Made Active in Reports: 11/19/2004  
Last EDR Contact: 01/07/2008  
Number of Days to Update: 30  
Next Scheduled EDR Contact: 04/07/2008  
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  
Source: California Regional Water Quality Control Board North Coast (1)  
Date Data Arrived at EDR: 02/28/2001  
Telephone: 707-570-3769  
Date Made Active in Reports: 03/29/2001  
Last EDR Contact: 11/15/2007  
Number of Days to Update: 29  
Next Scheduled EDR Contact: 02/18/2008  
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: 10/10/2007  
Source: State Water Resources Control Board  
Date Data Arrived at EDR: 10/11/2007  
Telephone: see region list  
Date Made Active in Reports: 11/07/2007  
Last EDR Contact: 01/09/2008  
Number of Days to Update: 27  
Next Scheduled EDR Contact: 04/07/2008  
Data Release Frequency: Quarterly

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

Date of Government Version: 02/26/2004  
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Date Data Arrived at EDR: 02/26/2004  
Telephone: 760-776-8943  
Date Made Active in Reports: 03/24/2004  
Last EDR Contact: 11/15/2007  
Number of Days to Update: 27  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database  
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994  
Source: California Environmental Protection Agency  
Date Data Arrived at EDR: 09/05/1995  
Telephone: 916-341-5851  
Date Made Active in Reports: 09/29/1995  
Last EDR Contact: 12/28/1998  
Number of Days to Update: 24  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

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: 10/10/2007  
Source: State Water Resources Control Board  
Date Data Arrived at EDR: 10/11/2007  
Telephone: 866-480-1028  
Date Made Active in Reports: 11/07/2007  
Last EDR Contact: 01/09/2008  
Number of Days to Update: 27  
Next Scheduled EDR Contact: 04/07/2008  
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.
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: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
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: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
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: 11/19/2004
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: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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.
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.

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.

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.

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

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.
AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.
Date of Government Version: 09/17/2007
Date Data Arrived at EDR: 09/18/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 44
Source: State Water Resources Control Board
Telephone: 916-341-5712
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Quarterly

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.
Date of Government Version: 08/27/2007
Date Data Arrived at EDR: 08/28/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 29
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Varies

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 1980's. The listing is no longer updated or maintained.
The local agency is the contact for more information on a site on the SWEEPS list.
Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 08/28/2007
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 12/31/2005
Date Data Arrived at EDR: 02/23/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 42
Source: Office of Emergency Services
Telephone: 916-845-8400
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact
drinking water and thereby expose the public to a potential health risk.
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
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: No Update Planned

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.

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.

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 upholstery cleaning; industrial launderers; laundry and garment services.

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

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.
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: 08/28/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 10/04/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 34
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
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: 12/31/2005
Date Data Arrived at EDR: 04/17/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 23
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 01/18/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Varies

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

Date of Government Version: 08/28/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 09/17/2007
Date Data Arrived at EDR: 09/18/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 10
Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/05/2008
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Varies

TRIBAL RECORDS

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.
<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
<th>Date Made Active in Reports</th>
<th>Last EDR Contact</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
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</thead>
</table>

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

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
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<th>Number of Days to Update</th>
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<th>Data Release Frequency</th>
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</thead>
</table>

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

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
<th>Date Made Active in Reports</th>
<th>Last EDR Contact</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
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</thead>
</table>

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

<table>
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<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
<th>Date Made Active in Reports</th>
<th>Last EDR Contact</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
</table>

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

<table>
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<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
<th>Date Made Active in Reports</th>
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<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
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<td>EPA Region 7</td>
<td>06/14/2007</td>
<td>913-551-7003</td>
<td>07/05/2007</td>
<td>11/15/2007</td>
<td>21</td>
<td>02/18/2008</td>
<td>Varies</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
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<th>Telephone</th>
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<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Date of Government Version</th>
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<th>Date Data Arrived at EDR</th>
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<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
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</table>
INDIAN UST R10: Leaking Underground Storage Tanks on Indian Land

Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 09/05/2007
Date Data Arrived at EDR: 10/02/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 9
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/21/2007
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 34
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 12/12/2007
Date Data Arrived at EDR: 12/12/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 43
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 49
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
INDIAN UST R10: Underground Storage Tanks on Indian Land

Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly

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.

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

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: 10/22/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 01/28/2008
Date Data Arrived at EDR: 01/29/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 10
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:
Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Contra Costa Health Services Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 925-646-2286</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 11/26/2007</td>
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<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 02/25/2008</td>
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<tr>
<td></td>
<td>Data Release Frequency: Semi-Annually</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Dept. of Community Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 559-445-3271</td>
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<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 01/17/2008</td>
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<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 02/04/2008</td>
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<td></td>
<td>Data Release Frequency: Semi-Annually</td>
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</tbody>
</table>

KERN COUNTY:

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

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Kern County Environment Health Services Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 661-862-8700</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 12/17/2007</td>
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<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 03/03/2008</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Quarterly</td>
</tr>
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</table>

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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: EPA Region 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 415-972-3178</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 01/17/2008</td>
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<td>Number of Days to Update</td>
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</tr>
<tr>
<td></td>
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</table>

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Department of Public Works</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 626-458-3517</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 02/11/2008</td>
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<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 05/12/2008</td>
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<tr>
<td></td>
<td>Data Release Frequency: Semi-Annually</td>
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</tbody>
</table>

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.
City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

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

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

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

Date of Government Version: 09/24/2007  
Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 09/25/2007  
Telephone: 707-253-4269
Date Made Active in Reports: 09/28/2007  
Last EDR Contact: 01/07/2008
Number of Days to Update: 3  
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Semi-Annually

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

Date of Government Version: 01/15/2008  
Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/16/2008  
Telephone: 707-253-4269
Date Made Active in Reports: 02/08/2008  
Last EDR Contact: 01/07/2008
Number of Days to Update: 23  
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Annually

ORANGE COUNTY:

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

Date of Government Version: 08/01/2007  
Source: Health Care Agency
Date Data Arrived at EDR: 09/28/2007  
Telephone: 714-834-3446
Date Made Active in Reports: 11/07/2007  
Last EDR Contact: 12/06/2007
Number of Days to Update: 40  
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Annually

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

Date of Government Version: 08/01/2007  
Source: Health Care Agency
Date Data Arrived at EDR: 09/28/2007  
Telephone: 714-834-3446
Date Made Active in Reports: 11/07/2007  
Last EDR Contact: 12/06/2007
Number of Days to Update: 40  
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/03/2007  
Source: Health Care Agency
Date Data Arrived at EDR: 12/19/2007  
Telephone: 714-834-3446
Date Made Active in Reports: 02/08/2008  
Last EDR Contact: 12/06/2007
Number of Days to Update: 51  
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

PLACER COUNTY:

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

Source: Placer County Health and Human Services
Date Data Arrived at EDR: 07/23/2007  
Telephone: 530-889-7312
Date Made Active in Reports: 08/09/2007  
Last EDR Contact: 12/17/2007
Number of Days to Update: 17  
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: Semi-Annually

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

- Date of Government Version: 08/06/2007
- Source: Department of Public Health
- Date Data Arrived at EDR: 08/07/2007
- Telephone: 951-358-5055
- Date Made Active in Reports: 09/26/2007
- Last EDR Contact: 01/15/2008
- Number of Days to Update: 50
- Next Scheduled EDR Contact: 04/14/2008
- Data Release Frequency: Quarterly

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

- Date of Government Version: 08/06/2007
- Source: Health Services Agency
- Date Data Arrived at EDR: 08/07/2007
- Telephone: 951-358-5055
- Date Made Active in Reports: 09/24/2007
- Last EDR Contact: 01/15/2008
- Number of Days to Update: 48
- Next Scheduled EDR Contact: 04/14/2008
- Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

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

- Date of Government Version: 10/29/2007
- Source: Sacramento County Environmental Management
- Date Data Arrived at EDR: 10/30/2007
- Telephone: 916-875-8406
- Date Made Active in Reports: 11/07/2007
- Last EDR Contact: 02/11/2008
- Number of Days to Update: 8
- Next Scheduled EDR Contact: 04/28/2008
- Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

- Date of Government Version: 10/29/2007
- Source: Sacramento County Environmental Management
- Date Data Arrived at EDR: 10/30/2007
- Telephone: 916-875-8406
- Date Made Active in Reports: 11/07/2007
- Last EDR Contact: 02/11/2008
- Number of Days to Update: 8
- Next Scheduled EDR Contact: 04/28/2008
- 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.

- Source: San Bernardino County Fire Department Hazardous Materials Division
- Date Data Arrived at EDR: 09/28/2007
- Telephone: 909-387-3041
- Date Made Active in Reports: 11/07/2007
- Last EDR Contact: 12/03/2007
- Number of Days to Update: 40
- Next Scheduled EDR Contact: 12/03/2007
- Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)
Date of Government Version: 05/16/2005  
Date Data Arrived at EDR: 05/18/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 29  
Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 01/04/2008  
Next Scheduled EDR Contact: 03/31/2008  
Data Release Frequency: Quarterly

Solid Waste Facilities  
San Diego County Solid Waste Facilities.  
Date of Government Version: 11/01/2006  
Date Data Arrived at EDR: 01/03/2007  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 21  
Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 11/19/2007  
Next Scheduled EDR Contact: 02/18/2008  
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: 08/22/2007  
Date Data Arrived at EDR: 10/03/2007  
Date Made Active in Reports: 11/07/2007  
Number of Days to Update: 35  
Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 01/04/2008  
Next Scheduled EDR Contact: 03/31/2008  
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities  
A listing of leaking underground storage tank sites located in San Francisco county.  
Date of Government Version: 09/07/2007  
Date Data Arrived at EDR: 09/07/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 21  
Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/03/2008  
Data Release Frequency: Quarterly

Underground Storage Tank Information  
Underground storage tank sites located in San Francisco county.  
Date of Government Version: 12/18/2007  
Date Data Arrived at EDR: 12/19/2007  
Date Made Active in Reports: 02/08/2008  
Number of Days to Update: 51  
Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/03/2008  
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: 10/18/2007  
Date Data Arrived at EDR: 11/19/2007  
Date Made Active in Reports: 02/08/2008  
Number of Days to Update: 81  
Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 01/15/2008  
Next Scheduled EDR Contact: 04/14/2008  
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:
Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.
Date of Government Version: 10/24/2007
Date Data Arrived at EDR: 10/25/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 13
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 10/09/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.
Date of Government Version: 10/09/2007
Date Data Arrived at EDR: 10/10/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 28
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel 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: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.
Date of Government Version: 03/26/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Varies

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.
Date of Government Version: 09/17/2007
Date Data Arrived at EDR: 09/17/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 11
Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.
Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Quarterly
Underground Storage Tanks
Underground storage tank sites located in Solano county.
Date of Government Version: 01/07/2008  Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 01/30/2008  Telephone: 707-784-6770
Date Made Active in Reports: 02/08/2008  Last EDR Contact: 01/07/2008
Number of Days to Update: 9  Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.
Date of Government Version: 10/22/2007  Source: Department of Health Services
Date Data Arrived at EDR: 10/23/2007  Telephone: 707-565-6565
Date Made Active in Reports: 11/07/2007  Last EDR Contact: 01/21/2008
Number of Days to Update: 15  Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.
Date of Government Version: 05/04/2007  Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 05/04/2007  Telephone: 530-822-7500
Date Made Active in Reports: 05/24/2007  Last EDR Contact: 01/02/2008
Number of Days to Update: 20  Next Scheduled EDR Contact: 03/31/2008
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: 08/24/2007  Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 10/04/2007  Telephone: 805-654-2813
Date Made Active in Reports: 11/07/2007  Last EDR Contact: 12/13/2007
Number of Days to Update: 34  Next Scheduled EDR Contact: 03/10/2008
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: 08/01/2007  Source: Environmental Health Division
Date Data Arrived at EDR: 08/29/2007  Telephone: 805-654-2813
Date Made Active in Reports: 09/26/2007  Last EDR Contact: 11/19/2007
Number of Days to Update: 28  Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).
Date of Government Version: 08/27/2007  Source: Environmental Health Division
Date Data Arrived at EDR: 10/02/2007  Telephone: 805-654-2813
Date Made Active in Reports: 11/07/2007  Last EDR Contact: 12/13/2007
Number of Days to Update: 36  Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Quarterly
### Underground Tank Closed Sites List

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

| Date of Government Version: 12/26/2007 | Source: Environmental Health Division |
| Date Data Arrived at EDR: 01/09/2008 | Telephone: 805-654-2813 |
| Date Made Active in Reports: 02/08/2008 | Last EDR Contact: 01/09/2008 |
| Number of Days to Update: 30 | Next Scheduled EDR Contact: 04/07/2008 |
| | Data Release Frequency: Quarterly |

### YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

| Date of Government Version: 10/16/2007 | Source: Yolo County Department of Health |
| Date Data Arrived at EDR: 11/05/2007 | Telephone: 530-666-8646 |
| Date Made Active in Reports: 02/08/2008 | Last EDR Contact: 01/28/2008 |
| Number of Days to Update: 95 | Next Scheduled EDR Contact: 04/14/2008 |
| | Data Release Frequency: Annually |

### 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: 12/31/2005 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 06/15/2007 | Telephone: 860-424-3375 |
| Date Made Active in Reports: 08/20/2007 | Last EDR Contact: 12/13/2007 |
| Number of Days to Update: 66 | Next Scheduled EDR Contact: 03/10/2008 |
| | Data Release Frequency: Annually |

#### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

| Date of Government Version: 09/30/2007 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 12/04/2007 | Telephone: N/A |
| Date Made Active in Reports: 12/31/2007 | Last EDR Contact: 01/03/2008 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 03/31/2008 |
| | Data Release Frequency: Annually |

#### NY MANIFEST: Facility and Manifest Data

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

| Date of Government Version: 11/26/2007 | Source: Department of Environmental Conservation |
| Date Data Arrived at EDR: 11/29/2007 | Telephone: 518-402-8651 |
| Date Made Active in Reports: 02/05/2008 | Last EDR Contact: 11/29/2007 |
| Number of Days to Update: 68 | Next Scheduled EDR Contact: 02/25/2008 |
| | Data Release Frequency: Annually |
PA MANIFEST: Manifest Information
Hazardous waste manifest information.
Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 12/21/2007  
Date Made Active in Reports: 01/10/2008  
Number of Days to Update: 20  
Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 12/10/2007  
Next Scheduled EDR Contact: 09/10/2007  
Data Release Frequency: Annually

RI MANIFEST: Manifest Information
Hazardous waste manifest information.
Date of Government Version: 10/01/2007  
Date Data Arrived at EDR: 11/09/2007  
Date Made Active in Reports: 01/15/2008  
Number of Days to Update: 67  
Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.
Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 04/27/2007  
Date Made Active in Reports: 06/08/2007  
Number of Days to Update: 42  
Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 01/07/2008  
Next Scheduled EDR Contact: 04/07/2008  
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: PennWell Corporation  
Telephone: (800) 823-6277  
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

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

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000  
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health  
Telephone: 301-594-6248  
Information on Medicare and Medicaid certified nursing homes in the United States.

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

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

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

STREET AND ADDRESS INFORMATION

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APPENDIX C
Qualifications of Environmental Professionals
Years Experience: 9

Technical Specialties

- Environmental, Health and Safety Compliance and Management Systems
- Site Remediation
- Project Management
- Environmental Site Assessments

Professional History

- ENSR
- HR Textron, Inc.
- Lindmark Engineering

Education

- M.B.A. (Management) Graziadio School of Business and Management - Pepperdine University
- B.S. (Civil Engineering) University of California, Los Angeles

Professional Registrations and Affiliations

- Engineer-in-Training, California

Representative Project Experience

Environmental Site Assessments

**Phase I Environmental Assessment, Cerritos, California:** The assessment consisted of two vacant buildings, approximately 300,000 square foot warehouse & 9,300 square foot office building on approximately 14.81 acre lot. Former operations at the Weyerhaeuser facility consisted of the manufacturing of single-faced corrugated paper.

**Phase I Environmental Site Assessment, Goleta, California:** The assessment consisted of approximately 880 acres along the coastal bluffs and into the nearby foothills. The on-site operations consisted of limited agriculture use and range management (cattle). Historical setting included oil exploration, agriculture, and limited Coast Guard activities.

**Phase I Environmental Site Assessment, La Jolla, California:** The assessment consisted of approximately 2 acres with a five story office building. The on-site operations consisted of office related activities (e.g., consultants, property management, mental health, mortgage lenders, and banks).

**Phase I Environmental Site Assessment, Santa Fe Springs, California:** The assessment consisted of approximately 3 acres with a 40,000 square foot warehouse. Rinchem is a third party logistics (TPL) of high purity products (i.e., non
hazardous and hazardous chemicals). The facility was divided into three areas, caustics, flammables, and oxidizers. Client aborted project after site visit and visit to SFS Fire Department.

**Phase I Environmental Site Assessment, Goleta, California:** The assessment consisted of approximately 1,048 acres along the coastal bluffs and into the nearby foothills. The on-site operations consisted of limited agriculture use and range management (cattle). Historical setting included oil exploration, agriculture, recreation use, and limited Coast Guard activities.

**Phase I Environmental Site Assessment, Lowell, Massachusetts:** Conducted and prepared a condensed Phase I ESA of a boron composite manufacturing facility. Issues related to the site use of mercury were identified and included.

**Phase I Environmental Site Assessment, Commerce, California:** Conducted and prepared a condensed Phase I ESA of a furniture manufacturing facility. The lease with the tenant expired and the ESA was conducted on behalf of the property owner.

**Phase I Environmental Site Assessment, Los Angeles, California:** Conducted and prepared a Phase I ESA of a light manufacturing and distribution facility. An underground storage tank was discovered during the Phase I ESA. Mr. Arvidson was the project manager and construction coordinator for the UST removal.

**Phase I Environmental Site Assessment, Sunland, California:** Conducted and prepared a Phase I ESA for a client seeking acquisition of a salvage business. The site was used for the dismantling and segregation of post consumer automobiles.

**Environmental Health and Safety Compliance**

**Due Diligence Multimedia Environmental Assessment, Modesto, California:** The on-site operations consisted of the processing and packaging of butter, ice cream, cottage cheese, and condensed milk processing along with packaging and distribution of other dairy products (e.g., milk, eggs, and juice). Project objective was to conduct a gap analysis on a previously prepared Phase I ESA and conduct high level review on environmental compliance.

**Due Diligence Multimedia Environmental Audit, San Bernardino, California:** The on-site operations consisted of the filling and degassing of compressed gas cylinders, including specialty blends, quality control testing, and storage of hazardous materials. The deliverable consisted of a matrix outlining deficiencies, regulatory citation, corrective action, and estimated cost to bring into compliance.

**Due Diligence Multimedia Environmental Compliance Assessment, Southern California:** The compliance assessment covered four facilities: a foundry, two powder coat painting facilities, and a die cast facility. The deliverable consisted of an outline of regulatory deficiencies and recommendation to minimize environmental.

**Due Diligence Health and Safety Compliance Assessment, Covina, California:** One day assessment of safety programs of a sewn and printed label manufacturing facility. The on-site evaluation included machine guarding, OSHA recordkeeping and reporting, emergency response, mobile equipment, fall protection, dock safety, hot work, permitting, training, hazard communication, limited loss prevention, and limited industrial hygiene. The deliverable consisted of a written compliance matrix and report outlining the findings, recommended corrective actions, and estimated corrective action costs.
Health and Safety Compliance Audit, Buena Park, California: A four day compliance audit to determine compliance with regulatory requirements and internal corporate requirements. The on-site evaluation included confined space entry, hot work, machine guarding, PPE, emergency response, mobile equipment, fall protection, dock safety, and training. The deliverable consisted of a verbal and written compliance matrix outlining the findings, regulatory citations, and observations.

Environmental Management System Audit Preparation, Valencia, California: Managed cross-functional team in gap analysis; prioritized action items, wrote procedures and work instructions; developed document control program and storage; integrated EHS into business processes (e.g., procurement, engineering, and shipping) and trained site personnel. The site passed corporate business systems assessment.

ISO 14001 and AS9100 Internal Audit Program Integration, Valencia and Pacoima, California: Co-led a cross-functional team to integrate the internal audit programs for the company’s AS9100 and ISO 14001 management programs. ISO 14001 Lead Auditor for west coast operations. Conducted gap analysis; wrote process and element audit checklists; increased robustness of audit protocols; and prepared training material and conducted auditor training. The project scope was expanded to include integration of corrective and preventive action processes and tracking. Project resulted in an annual labor cost avoidance of $85,000.

ISO 14001 Implementation, Valencia and Pacoima, California: Designed and continuously improved the ISO 14001 program for two manufacturing facilities. Formed cross-function team to conduct gap analysis; integrated environmental programs with business processes; established environmental objectives and targets; wrote procedures and work instructions; managed internal audit and corrective action programs; and established senior management reporting process. Facility attained certification to ISO 14001:2004 standard.

Behavior Based Safety Training Program, Valencia and Pacoima, California: Evaluated safety programs, designed training requirements, and implemented employee engagement strategy for two manufacturing facilities. Rewrote the company’s new hire orientation program and return to work procedure; drafted safety performance indicators (metrics) for management performance evaluations; initiated senior leadership behavior focused inspections; and proposed incentive program that uses cost avoidances to fund the program. First year program results indicated a 20% reduction in the number of recordable injuries compared to the previous year.

Lock-Out/ Tag-Out Program, Valencia and Pacoima, California: Managed LOTO program improvement project for two machine centers consisting of approximately 100 pieces of equipment. Equipment types included lathes, mills, hones, grinders, and EDM machines. Established evaluation and recordkeeping process, wrote process procedure, and completed machine specific procedures for all in scope equipment.

FAA Drug and Alcohol Program Compliance, Valencia and Pacoima, California: The project consisted of defining the FAA program scope specific to the company’s operations, auditing and identifying deficiencies, and determining compliance requirements; conducting a gap analysis; mapping current and future state processes; identifying and implementing process improvements; developing facility training and control programs; and preparing the company for FAA compliance audit. The
deliverable consisted of a written program, control plan, and standard work documents.

Project Management

**Facility Discharge Improvements, Valencia, California:** Project manager for the rerouting of cooling tower water to the industrial wastewater system. At the time, facility maintained a NPDES permit to discharge cooling tower water to the Santa Clara River. The facility NPDES permit was close to its renewal when the LA RWQCB announced Chloride discharge limits would be reduced to a point below the level of incoming City water. The project consisted of negotiations with the LA County Sanitation Districts, LA RWQCB, and LA DPW. A cross-functional team approach prepared the permit and rerouted the discharge to the facility’s industrial wastewater system. Facility operations were not interrupted, regulatory footprint decreased with cancellation of NPDES permit, and operating efficiencies improved with an annual cost savings of $43,000.

**Underground Storage Tank and System Upgrades, California:** Led operations for the removal and upgrade of gasoline and diesel underground storage tanks at various locations in Southern California. Activities included permitting, proposal preparation, site safety officer, air monitoring, sample collection, vendor procurement, and agency interface.

**Underground Storage Tank Removal and Site Demolition, Los Angeles, California:** Led field operations and site safety officer for the discovery and removal of four underground storage tanks, two hydraulic lifts, and demolition of several retaining walls and concrete structures. Prepared and submitted a closure report to the oversight agency.

**Containment Improvements, Valencia and Pacoima, California:** Designed and constructed secondary containment structures with chemical barriers for the storage and/or processing of chemicals to comply with SWPPP or SPCC requirements.

Remediation

**Soil and Groundwater Remediation, Valencia, California:** Project manager for the assessment and clean up of a chlorinated solvent plume. The plume extended onto two adjacent and active properties. The LA RWQCB had jurisdiction over the site. Site activities included permitting, well and conveyance piping installation, groundwater monitoring, SVE, pump and treat, and in situ bioremediation using sucrose and sodium lactate, HRC®, and HRX® injections.

**Soil and Groundwater Remediation, Greenville, Ohio:** Project manager for the assessment and clean up of a chlorinated solvent plume. The property was an active manufacturing facility. Site activities included permitting, well installation, groundwater monitoring, SVE, and in situ bioremediation using HRC® injections. Conducted and prepared a condensed Phase I ESA to assist corporate counsel with drafting environmental provisions and deed restrictions. Property was successfully sold with deed restrictions including contract conditions allowing access to the property and use of the facility’s utilities and discharge system.

**Soil and Groundwater Remediation, Cape Cod, Massachusetts:** Assisted in a historical operational review of site operations at the Massachusetts Military Reserve (MMR). Both the US Army and Massachusetts National Guard conducted training at
MMR since WWII. On site hazards include exposed and buried unexploded ordinances. Site contamination included various types of explosives, diesel fuel, and metals. The project consisted of a site inspection and document review.

**Remediation System Rerouting, Newbury Park, California:** Led field construction crew in the relocation of extraction conveyance piping for a site impacted with chlorinated solvents. Area development required the widening of the off ramp from the 101 Freeway. The crew used directional boring equipment and avoided interference with freeway traffic.

**Remediation Site Closure, Pacoima, California:** Project manager for soil impacted with Stoddard Solvent at an active manufacturing facility. Reviewed project historical data; redesigned air monitoring collection process; redesigned the closure plan; and conducted field oversight activities. The project received a no further action letter from the LA RWQCB, nine months ahead of schedule and approximately $32,000 under budget.
Jim K. Fickerson  
Senior Project Manager

Years Experience: 12

Technical Specialties

- Project Management
- Environmental Due Diligence
- Environmental Liability Cost Analysis
- Environmental Permitting
- Integrated Site Closure

Professional History

- ENSR
- Texaco Refining and Marketing, Inc.
- City of Saratoga

Education

- BS (Environmental Studies) San Jose State University

Professional Registrations and Affiliations

- California Registered Environmental Assessor (REA) I, California

Summary

Mr. Fickerson is a Senior Project Manager in ENSR Corporation’s, Camarillo, California office. Mr. Fickerson is the client steward for two real estate investment trusts and one national construction rental company. In this capacity, Mr. Fickerson manages the clients environmental due diligence, risk management, and their existing portfolio of environmental liabilities. Over the last five years Mr. Fickerson has successful managed the environmental assessment, remediation and regulatory site closure of three former petroleum bulk plants and three former retail petroleum sites located in Arizona and California.

As a senior environmental assessor, Mr. Fickerson has coordinated and/or personally performed over 1,000 due diligence projects on commercial and industrial property located throughout the country. In this capacity, Mr. Fickerson has conducted numerous subsurface investigations, groundwater studies, risk assessments, indoor air quality surveys, remedial feasibility studies, remedial cost evaluations, regulatory agency negotiations, and regulatory site closures.
Project Experience

Integrated Site Closure

June 2005 to Present. Chevron Environmental Management Corporation. For the last several years, Mr. Fickerson has been managing the environmental assessment and remediation of a former gasoline service station located in Santa Barbara, California. During this time frame the site has been fully categorized; multi-phase extraction, vapor extraction, and bio-sparging remediation technologies have been pilot tested, potential sensitive receptors have been fully evaluated, and a sense of trust with the regulatory agency has been built. The project team recently completed an internal, client-driven, comprehensive engineering review. A corrective action plan is forecast to be completed during the first half of 2008, following by the installation of a full scale remediation system.

February 2003 to December 2006. Unocal Corporation. Mr. Fickerson managed the environmental site assessment and remediation of a former bulk fuel terminal in Yuma, Arizona. Non aqueous phase liquids were present both onsite and offsite at thickness ranging between 0.5 and 3 feet. Long term remediation costs using conventional remediation technologies were forecast in excess $2.5M. Due the extent of non aqueous phase liquids regulatory site closure was not considered feasible using conventional remedial technologies. In addition, the operation of the existing multi-phase extraction system was costing over $250K/year with marginal hydrocarbon recovery rates. Mr. Fickerson managed the design, execution, and analysis of a steam injection pilot test at this site. Results of the one month pilot test indicated that steam injection increased hydrocarbon recovery by 500 percent. A financial analysis indicates that over $1M dollars could be saved by the site wide implementation a steam injection remediation and regulatory site closure could be achieved in as little as two years.

February 2003 to December 2006. Chevron Corporation. Mr. Fickerson managed the environmental assessment and remediation of a former bulk fuel terminal in Phoenix, Arizona under the tight time restriction imposed by an Aquifer Protection Permit. Working closely with Arizona Department of Environmental Quality, Mr. Fickerson coordinated a comprehensive subsurface soil and groundwater assessment including the advancement of 38 borings, six groundwater wells from depth ranging between 15 and 110 feet below ground surface. Mr. Fickerson lead the remediation team that excavated 3,500 tons of petroleum impacted soil from nine onsite areas of concern; the installation of eight multi-zone vapor extraction/bio-venting wells, and the construction and startup of a soil vapor extraction system.

March 2004 to November 2005. Unocal Corporation. Mr. Fickerson managed the regulatory site closure of a former service station in Phoenix, Arizona. The site is a former gasoline service station located on the corner of a busy street near downtown Phoenix that had become blighted by years of inactivity. The sale of the site and its redevelopment was being hindered by the presence of 1-2-DCA in groundwater at concentrations that exceeded AZ regulatory cleanup objectives. Complicating issues was a nearby dry cleaner who release was impacting the groundwater beneath the service station. Working with ENSR's risk assessment experts, Mr. Fickerson was able to successfully convince ADEQ that the remaining 1-2-DCA did not present a risk to human health or the environmental, and that regulatory site closure should be issued. The site is currently being redeveloped.

March 2004 to November 2005. Unocal Corporation. Despite extensive onsite assessment and remediation by others regulatory site closure of a former bulk plant in Safford, Arizona was being complicated by a commingled plume from an nearby gasoline service station. Working with ENSR's hydrologists, Mr. Fickerson was able to convince ADEQ that the presence of benzene along the sites eastern border was a result of the nearby gasoline service station, rather than from an onsite release. Regulatory site closure was granted allowing the site to be sold and redeveloped for beneficial use.
Due Diligence

July 2006 to Present. Academy of Motion Pictures and Sciences. Phase I and Phase II Environmental Site Assessments. Mr. Fickerson is managing the environmental due diligence and environmental liability analysis associated with the acquisition of one city block located in the middle Hollywood of California. Activities conducted to date include reconnaissance of the site and surrounding neighborhood; a review of various historical resources; an analysis of a regulatory database report, review of local and state regulatory agency files, and researching the physical characteristics of the site. Recognized environmental conditions that were identified included current and former USTs, dry cleaners, and the historical use of chlorinated solvents. These environmental concerns were further evaluated by the implementation of a comprehensive subsurface investigation program including the collection and laboratory analysis of soil, soil vapor, and groundwater samples. Over 10 technical environmental reports were prepared summarizing the results of the numerous investigations. Mr. Fickerson and his project team are currently providing the client with technical guidance regarding vapor intrusion mitigation/remediation and environmental liability cost analysis/budgeting for future site redevelopment.

December 2007. MeadWestvaco. Mr. Fickerson performed a Phase I environmental site assessment of a 100,000 square-foot envelope manufacturing plant located on approximately 3.5 acre parcel near downtown Los Angeles, California. The assessment involved a site and area reconnaissance; a review of various historical resources; an analysis of a regulatory database report, review of local and state regulatory agency files, researching the physical characteristics of the site, and preparation of a report.

November 2007. Isle of Capri Casinos. Mr. Fickerson managed the environmental due diligence of the former Multnomah Greyhound Park located on 30 acres in the town of Wood Village, Oregon. This project involved the rapid mobilization of an assessor to visit the site, and a comprehensive historical, regulatory, and environmental database review, and preparation of a report all within the span of less than two weeks in order to meet clients real-estate transaction requirements. Potential environmental liabilities associated with the transaction were evaluated and a budgetary cost estimate was prepared to assist the client in negotiating a equitable purchase price for the property.

September 2007. Air Liquide. Mr. Fickerson performed and managed the environmental due diligence associated with the acquisition a former gasoline fuel blending facility located on 14 acres in San Bernardino, California. Mr. Fickerson designed and implemented a comprehensive soil boring and geophysical survey program to fully evaluate over 30 recognized environmental conditions that were identified onsite. At the conclusion of the project, a budgetary cost estimate that quantified the environmental liabilities associated with the transaction was prepared.

June 2007. FPL Energy. Mr. Fickerson performed the environmental due diligence of the 2,270 acre Fremont Valley Ranch located near California City, California. This assessment involved an in-depth historical, regulatory, internet, and environmental database report review, in conjunction with a site visit, and interviews with current and former employees of the Ranch. Three recognized environmental conditions were identified including existing underground storage tanks and fueling dispensers. At the conclusion of the a budgetary costs estimate was prepared to quantify the potential environmental liability associated with the Ranch.

April 2007. Confidential Client. Mr. Fickerson conducted a Phase I environmental site assessment and limited compliance evaluation of 280,000 square-foot chemical storage facility located in Brisbane, California. The project involved a comprehensive historical, regulatory, and environmental database review; as well as interviews with facility management and workers; a thorough site walk; a lengthy document review of the facilities environmental compliance documentation; and research into the facilities off-site contingent liabilities. The project was conducted under strict client confidentiality that was required by the merger and acquisition of two fortune 500 companies.

February 2008
July 2006. Public Storage. Project manager for the environmental site screening of 47 self-storage properties located throughout North and South Carolina. The project involved sites visit; historical reviews; regulatory agency and environmental database review; interviews with facility personal; a review of previously prepared environmental reports; preparation of site-specific summary reports; and a preparation of a comprehensive cost analysis to quantify the environmental liabilities associated with the transaction. This challenging project was completed within in a tight two week timeframe.

May 2006. TA Realty Advisors. Project manager for the environmental site assessment of 15 commercial properties located throughout Southern California. This project involved the preparation of 15 Phase I environmental site assessments, five asbestos surveys and a preparation of a comprehensive cost analysis to quantify the environmental liabilities associated with the transaction.

May 2006. P.S. Business Parks. Mr. Fickerson managed the environmental due diligence associated with three industrial properties located in Signal Hill, California. Recognized environmental conditions identified at the sites included former oil sumps, waste disposal areas, and petroleum production facilities. The environmental concerns associated with each site were further evaluated by the implementation of a comprehensive subsurface soil boring and geophysical program. The identified environmental liabilities were further analyzed and a budgetary cost estimate was prepared to assist the client in their purchase of the sites. The entire project was completed under budget and within the tight time constraints of a real estate transaction.

Northrop/Vought Aircraft Corporation, Comprehensive Soil and Groundwater Assessment, Hawthorne, California. Assistant Project Manager for a comprehensive fence-line to fence-line soil assessment of an 80-acre aerospace manufacturing facility. The assessment involved the drilling and sampling of 200 soil borings and the installation of numerous monitoring wells to assess the extent of soil impacted by halogenated solvents, petroleum hydrocarbons, and metals. As a part of the comprehensive site assessment report, analyzed, evaluated, and prepared detailed geologic cross sections of the site, delineating impacts, which were used in the preparation and implementation of a remedial action plan using in-situ chemical oxidation to remediate groundwater impacts.

July 2004 to September 2004. Public Storage. Project manager for acquisition of 27 self storage sites in Minnesota and Wisconsin. The project involved the performing Phase I environmental site assessments at all 27 sites; asbestos surveys at four sites, subsurface investigations of seven sites; preparation of a comprehensive environmental liability cost estimate; and agency negotiations with Minnesota Pollution Control Agency to obtain letters of “No Association Determination” for four of the 27 sites.

March 2005 to August 2005. Nature Conservancy. Mr. Fickerson managed the environmental due diligence of a former worker camp and precious metals mine in Tecopa, California. Recognized environmental conditions identified at the site were further evaluated by the implementation of a comprehensive trenching program. Total metals were identified in the soil at concentrations that hazardous waste criteria. Potential remedial scenarios were evaluated, a preliminary risk assessment was performed, and discussed with the clients legal counsel. The project team decided that the elevated metals concentrations could be managed in place, thus avoiding costly (in excess of $1M) remediation, and allowing a conservation easement to be placed on this ecologically sensitive property.

August 2003. Teachers Insurance and Annuity Association. Performed a Phase I environmental site assessment of five multi-story office buildings comprising approximately 380,000 square-feet of commercial office space on approximately 15 acres of land located in San Diego, California. This project involved a site visit; interviews with the buildings tenants; historical, regulatory, and environmental database review, and preparation of comprehensive report.
May 2003. PS Business Parks. Mr. Fickerson performed a Phase I environmental site assessment and managed subsurface assessment of a business park containing 437,000 square-feet of commercial office/warehouse space on 25 acres of land in Santa Ana, California. An extensive historical review indicated that the site was formerly occupied by a sugar beet processing plant. The identified recognized environmental conditions were further evaluated by the implementation of a comprehensive soil boring program. Mr. Fickerson prepared a budget cost estimate and assisted the client in obtaining environmental insurance allowing the client to proceed with the purchase of property within the tight time constraints of a real-estate transaction.

April 2002. FleetBoston Financial Group. Performed a Phase I environmental site assessment of the Buena Park Mall and Buena Park Marketplace located off La Palma Avenue in Buena Park, Orange County, California. Combined the buildings totaled approximately 380,000 square-feet of commercial space on approximately 51 acres of land. This project involved visits and interviews with over 100 tenants; historical, regulatory, and environmental database review, and preparation of comprehensive report. At the conclusion of the project a comprehensive environmental liability analysis was performed to quantify potential future environmental costs.

March 2002. Confidential Client. Project manager responsible the a subsurface soil and groundwater assessment of a dry cleaning facility located in Marina Del Rey, California. Despite the presence of chlorinated solvents in groundwater at concentrations that exceed California’s maximum contaminant levels, Mr. Fickerson was able to successfully demonstrate that the release was not a risk to human health or the environment and regulatory site closure was granted by the Los Angeles Regional Water Quality Control Board.

November 2001. Shamrock Logistics GP, LLC. Project manager and primary assessor responsible for the technical environmental liability cost evaluation of groundwater impacts associated with the acquisition of 14 tank farms, heating stations, and over 33 miles of connecting pipelines located throughout Southern California.

September 2001, Teachers Insurance Annuity Association. Prepared a Phase I environmental site assessments and limited compliance assessment of a shopping center that contained over 270,000 square feet of retail space on 31 acres of land located in San Diego, California. This project involved visits and interviews with over 50 tenants; compliance documentation review and analysis; historical, regulatory, and environmental database review, and preparation of comprehensive report.

March 2001. Air Liquide. Prepared Phase I environmental site assessments of four compressed gas facilities and one compressed gas terminated located on the islands of Kauai, Maui, Hawaii, and Oahu, Hawaii. This project involved facility visits, historical, regulatory, and environmental database review, and preparation of site-specific reports.
Phase I Environmental Site Assessment of 14.39 Acres of Desert Land, Fremont Valley, Highway 14, Kern County, California
Phase I Environmental Site Assessment of 14.39 Acres of Desert Land, Fremont Valley, Highway 14, Kern County, California
EXECUTIVE SUMMARY

Beacon Solar, LLC (BSL) contracted with ENSR Corporation to perform a Phase I Environmental Site Assessment (ESA) of 14.39 acres of vacant desert located in the Fremont Valley, approximately 14 miles north of Mojave off Highway 14, Kern County, California. This Phase I ESA was performed in conformance with the general scope and limitations of ASTM Standard Practice E 1527-05 for ESAs. Exceptions to, or deletions from, this practice are described in Section 1.3 of this report.

This assessment took place between February 7 and February 25, 2008, with the site visit occurring on February 13, 2008. The subject property consists of a discontinuous, rectangular shaped parcel of vacant desert. The parcel is traversed by Southern Pacific Railroad Tracks and State Highway 14. The main portion of the subject property is located between the highway and railroad tracks. The majority of this portion of the subject property is covered by desert scrub and cactus. Automotive tires, aluminum cans, glass bottles, and miscellaneous trash and debris were observed scattered throughout this portion of the subject property. A dry desert wash running from north to south is present along the west side the railroad tracks. Portions of a dilapidated pickup truck, several domestic water heaters, and trash and debris were present to the west of the railroad tracks in the southeastern portion of the subject property. A small triangular shaped portion of the subject property (less than 0.5 acres) is located to the west of the highway. This portion of the subject property consists primarily of vacant desert land. No structures or buildings were observed on the subject property.

The surrounding properties consist of a combination of disturbed desert (by past agricultural activities) and undeveloped desert. Vacant undeveloped land is present to the north and west of the subject property. The Freemont Valley Ranch borders the southern and eastern property boundaries. A former residence, maintenance shop, and several duplexes are the main structures associated with the ranch. Two underground storage tanks (USTs) are located near the former maintenance shop. Based on depth to groundwater, approximately 210 feet below ground surface (bgs), it is ENSR’s opinion that it unlikely the USTs that are present at the ranch property have impacted the subject property.

Historical research indicates that subject property has been vacant undeveloped land since at least the early 1900s. The railroad tracks that run through the west portion of the subject property and Highway 14 that bisects the west portion of the subject property have been present since at least 1915.

Based on ENSR’s site visit; review of governmental environmental databases, files, and historical documents; and interviews conducted with selected individuals, no recognized environmental conditions (RECs) were indentified. However, the following issue is considered a de minimis condition in connection with the subject property:

- Portions of a dilapidated pickup truck, several domestic water heaters, automotive tires, aluminum cans, glass bottles, and miscellaneous trash and debris were observed scattered throughout the subject property.

No additional assessment is recommended at this time.
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1.0 Introduction

1.1 Purpose
The purpose of this ESA is to provide the client with information for use in evaluating potential environmental concerns associated with the subject property.

1.2 Scope of work
The Phase I ESA included a site visit, regulatory research, historical review, and environmental database search of 14.39 acres of vacant desert land located approximately 14 miles north of Mojave off Highway 14, Kern County, California. In conducting the Phase I ESA, ENSR assessed the subject property for visible signs of possible contamination, researched public records for the subject property, and conducted interviews with representatives of the public, regulatory agencies, current tenants, and the property management. This project was performed in general accordance with American Society for Testing and Materials (ASTM) Standard Practice Designation E 1527-05.

ENSR’s standard terms and conditions for this report include, in addition to the ASTM Phase I ESA scope of work, visual assessment of potential asbestos-containing materials (ACM), lead-based paint, and equipment with the potential to contain polychlorinated biphenyls (PCBs). Conclusions made in this report are based upon the assessment performed and are subject to the study limitations presented in Section 1.3, below.

1.3 Study limitations
This report describes the results of ENSR’s Phase I ESA conducted to identify the potential presence of a significant hazardous material or a petroleum hydrocarbon contamination problem involving or materially affecting the subject property. During the course of this due diligence assessment, ENSR has attempted to independently assess the potential presence of such conditions within the limits of the established scope of work as described in our proposal.

As with any due diligence evaluation, there is a certain degree of dependence upon verbal information provided by facility or site representatives which is not readily verifiable through visual observations or supported by any available written documentation. During the course of this due diligence assessment, ENSR has attempted to independently assess the potential presence of such conditions within the limits of the established scope of work as described in our proposal. However, verification of potentially important facts is not always possible. ENSR 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.

This report was prepared by ENSR in accordance with the agreed upon scope of work and generally accepted scientific practice in effect at the time of ENSR's assessment of the subject property. The statements, conclusions, and opinions contained in this report are only intended to give approximations of the environmental condition of the site. Moreover, there are several major limitations that are inherent in the conduct of this, or any other, environmental due diligence assessment.

• First, it is difficult to predict which, if any of the potential environmental issues identified will become actual problems in the future, for federal and state environmental regulations continually change, as do the enforcement priorities of the applicable governmental agencies involved.
Second, even for problems currently identified, it is often difficult and sometimes impossible to accurately estimate the liabilities that may be involved in remediating the problem(s), for the legal and technological standards for evaluating, remediating, and allocating liability for environmental issues are in a constant state of change. Moreover, the liability for remediating environmental problems tends to be highly dependent upon agency negotiations and the sometimes arbitrary and unpredictable nature of agency officials charged with such negotiations.

Third, there is always the distinct possibility that major sources of future environmental liability have yet to manifest themselves to the point where they are reasonably identifiable through an external assessment such as the one conducted herein.

This report was prepared by ENSR for the benefit of its client, BSL. ENSR’s client may release the information to third parties, who may use and rely upon the information at their discretion. However, any use of or reliance upon the information by a party other than specifically named above shall be solely at the risk of such third party and without legal recourse against ENSR, its parent, its subsidiaries and affiliates; or their respective employees, officers, or directors; regardless of whether the action in which recovery of damages is sought is based upon contract, tort (including the sole, concurrent, or other negligence and strict liability of ENSR), statute, or otherwise. This information shall not be used or relied upon by a party that does not agree to be bound by the above statement.

Notwithstanding the above, any lender for which the subject property may be collateral for a loan by said lender shall have the right to rely on this report with the same rights and subject to the same limitations as BSL.

1.4 Data failure/data gaps

ENSR submitted Freedom of Information Act (FOIA) requests to the Regional Water Quality Control Board (RWQCB) and the Kern County Department of Environmental Health (KCDEH) regarding historical hazardous materials releases at the subject property (if any). Responses to these FOIA requests have not been received as of the date of this report. Based on the information contained within this report, ENSR does not anticipate that the responses from these regulatory agencies will alter the conclusions or recommendations of this report. Therefore, ENSR does not consider this a significant data failure or gap in the preparation of this report.

Per ASTM E 1527-05, interviews with 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. During the ESA process, ENSR was not provided with contact information for the owner of the subject property. This limitation is not expected to change the outcome of the report based on historical information gathered from other sources, which are documented throughout this report.
2.0 Site Description

2.1 Site location
The subject property is located off Highway 14, approximately 14 miles north of the town of Mojave, approximately one mile southwest of the unincorporated community of Cantil, and approximately 3.5 miles south of Jawbone Canyon in the northern part of the Antelope Valley, Kern County, California. The area of the subject property is referred to as Fremont Valley and is general occupied by various ranches and undeveloped desert. The approximate location of the subject property is illustrated on Figure 1 - Site Location Map.

2.2 Site ownership
The subject property is owned by Mr. William and Mary Futris as trustees of the Futris Trust. No information on the past land ownership was indentified.

2.3 Site Visit
Mr. Jim Fickerson of ENSR’s Camarillo, California, office visited the Ranch on February 13, 2008. The weather at the time the site visit was excellent with clear skies, dry conditions, windy, and temperatures in the mid 60s degrees F. Representative photographs taken during the site visit are provided as Appendix A.

The site visit methodology consisted of walking through portions of the subject property, with particular focus being areas of dumping/garbage and debris; and driving the perimeter of the property and selected portions of the interior of the subject property. Field binoculars were used during the course of the assessment to ensure that significant site features were visually evaluated. The following sections summarize the results of the site visit.

2.3.1 Site description
The subject property consists of a discontinuous, rectangular shaped, 14.39 acre parcel of vacant desert. The subject property is traversed by Southern Pacific Railroad Tracks and State Highway 14. The main portion of the subject property is located between the highway and railroad tracks. The majority of this portion of the subject property is covered by desert scrub and cactus. Automotive tires, aluminum cans, glass bottles, and miscellaneous trash and debris were observed scattered throughout this portion of the subject property. A dry desert wash running from north to south is present west side the railroad tracks. Portions of a dilapidated pickup truck, several domestic water heaters, and trash and debris were present to the west of the railroad tracks in the southeastern portion of the subject property. A small triangular shaped portion of the subject property (less than 0.5 areas) is located to the west of the highway. This portion of the subject property consists primarily of vacant desert land. No structures or buildings were observed on subject property. During the site visit no visual evidence of groundwater monitoring wells, clarifiers, or dry wells, was observed on the subject property. In addition, no discolored soil, water, unusual vegetative conditions, staining or visual evidence of hazardous materials release was observed at the time of ENSR’s site visit. The approximate layout of the subject property is illustrated in Figure 2 – Site Plan.

2.3.2 Building description
No buildings or structures were present on the subject property.
2.3.3 Surrounding properties

The surrounding properties consist of a combination of disturbed desert (by past agricultural activities) and undeveloped desert. Vacant undeveloped land is present to the north and west of the subject property. The Freemont Valley Ranch borders the southern and eastern property boundaries. A former residence, maintenance shop, and several duplexes are the main structures associated with the ranch. Two USTs are located near the former maintenance shop. Based on depth to groundwater, approximately 210 feet bgs, it is ENSR’s opinion that it unlikely the USTs that are present at the ranch property have impacted the subject property.

2.3.4 Petroleum hydrocarbons and hazardous materials

No petroleum hydrocarbons or hazardous materials were observed on the subject property during ENSR’s site visit.

2.3.5 Aboveground storage tanks (ASTs)

No ASTs were observed on the subject properties during ENSR’s site visit.

2.3.6 Underground storage tanks (USTs)

No visual evidence of fuel-related USTs (e.g., vent pipes, fill ports) was observed during the site visit of the subject property. In addition, no USTs were listed in the State of California Geotracker® database or the environmental database report reviewed by ENSR.

2.3.7 Solid Waste

No dumpsters or trash enclosures were observed at the subject property during ENSR’s site visit. As noted in Section 2.3.1, miscellaneous trash and debris was observed strewn throughout the property during the site visit.

2.3.8 Stormwater

No stormwater drains were observed during ENSR’s site visit. Based on ENSR’s site visit and a review of the topographic maps of the subject property area, stormwater is generally anticipated to flow in a northeasterly direction toward the wash located along the western side of the railroad tracks or infiltrate into the ground.

2.3.9 Utilities

No utilities appear to be present on the subject property.

2.3.10 Polychlorinated biphenyls

No pad mounted, pole mounted, or other potential PCB containing equipment was observed on the subject property.

2.3.11 Asbestos

No structures were observed on the subject properties during ENSR’s site visit.
2.3.12 Lead-based paint (LBP)
No structures were observed on the subject properties during ENSR’s site visit.

2.3.13 Water intrusion
No structures were observed on the subject properties during ENSR’s site visit.
3.0 Environmental Setting

3.1 Topography
According to the United States Geological Survey (USGS) topographic maps of the subject property area (Mojave, Castle Butte, Cross Mountain, and Saltlake, California, quadrangles), the elevation of the subject property ranges between approximately 2,160 feet above mean sea level (msl) on the eastern edge of the subject property to 2,180 feet above msl on the western edge of the subject property. Based on a review of the topographic maps and ENSR's site visit, the subject property slopes gradually downward from the 14 Freeway to the northeast.

3.2 Soil
According to information provided by Mr. Switzer and the U.S. Department of Agriculture’s Soil Conservation Services the site soils consist of sandy loam to heavy loam. Soils of this type are anticipated to have high infiltration rates. During ENSR’s site visit, ENSR noted that the onsite surface soils appear to consist of silty sands and cobbles.

3.3 Groundwater
According to California’s Groundwater Bulletin 118, the subject property is located within the Fremont Valley Groundwater Basin. The basin is characterized by both Quaternary alluvium and Lacustrine deposits. However, the alluvium is considered the most important water-bearing material in the basin. Groundwater in the alluvium is generally unconfined. Average well yield in the basin is reportedly 530 gallons per minute (gpm).

A number of water wells are located on the former Freemont Ranch which abuts the southern property boundary. In October 2007, the depth to groundwater below the Ranch ranged from 210 to 436 feet below ground surface. Groundwater, beneath the subject property is anticipated to flow in a generally northeasterly direction.

3.4 Radon
Radon is a radioactive gas that is generated by the decay of radium in the underlying soil and rocks. Radon gas levels are highly site specific and are influenced by soil and building conditions, including pressure differentials between the soil and the building. The U.S. EPA has established a guideline threshold of 4.0 PicoCuries per liter (pCi/L) of air, above which there may be adverse health risks if exposure continues over a prolonged period of time (generally 70 years).

Review of the EDR report revealed that one State radon test has been conducted in the ZIP code for the subject property (Zip code 93501). The results of this test revealed that less than 4.0 pCi/L of radon per liter of air were detected. According to the EDR report the site is located in EPA Radon Zone 2. Of 94 sites tested in Kern County, the average radon concentration was reported to be 1.422 pCi/L in first floor of the building. No results were provided for the basement or second floor living spaces. Based on this information, it is ENSR’s opinion that radon does not present a significant environmental concern at the subject property. No site-specific radon testing information was provided for ENSR’s review.
3.5 Wetlands

No wetlands-type vegetation (i.e., cattails, etc.) was observed during the site visit, nor were wetlands depicted on the USGS map for the site area. In addition, no pits, ponds, or lagoons were observed onsite during ENSR’s visit. A desert wash that trends to the north-northeast is present on the eastern portion of the subject property near the railroad tracks. The wash was observed to be dry the day of ENSR’s site visit. Please note that a wetlands delineation survey was not conducted as part of this assessment.

3.6 Floodplains

According to the Federal Emergency Management Agency (FEMA) flood insurance rate map (1996) the subject property contains areas predisposed for minimal flooding.
4.0 Site and Area History


According to EDR, no Sanborn® fire insurance maps are available for the subject property. No previously prepared environmental reports were provided for ENSR’s review during the course of this assessment or are thought to be available according to Mr. Switzer.

4.1 Subject property

Historical research indicates that subject property has been vacant undeveloped land since at least the early 1900s to the present. The railroad tracks that run through the west portion of the subject property and Highway 14 that bisects the west portion of the subject property have been present since at least 1915.

According Mr. Switzer, unlike the eastern, southern and western abutting properties, the subject property was not considered suitable for agricultural use, primarily due to the presence of the dry wash that runs along the west side of the railroad tracks. Mr. Switzer was not aware of previous releases of hazardous materials at the subject property.

4.2 Adjacent sites

Historical research indicates that the surrounding sites were largely vacant and undeveloped desert from at least the early 1900s until the mid to late 1970s when the properties to the south and east were developed into agricultural use (primarily alfalfa) in association with the Freemont Valley Ranch. Highway 14 (then known as Keeler Road) is shown on the earliest historical resource available, the 1915 topographic map. With the exception of the Freemont Valley Ranch, no significant development appears to have taken place in the vicinity of the subject property. No historical offsite sources of concern were identified.
5.0 Database and Records Review

5.1 User Provided Information

ENSR contacted Mr. Kenneth Stein with BSL regarding his knowledge of title records, environmental liens, specialized knowledge, and/or real estate value reduction issues associated with the subject property. Mr. Stein was not aware of environmental cleanup liens or activity use limitations that had been placed on the subject property. Mr. Stein stated that he did not have specialized knowledge or experience that is material to RECs in connection with the subject property. It was Mr. Stein’s opinion that the purchase price of the subject property reflected its fair market value.

Mr. Stein stated that it was his impression that the subject property has been vacant undeveloped land with no historical development. He was unaware of the specific chemicals, spills, chemical releases, or environmental cleanups that have taken place at the subject property. According to Mr. Stein, it was his opinion that there were no obvious indicators pointing to the presence or likely presence of contamination at the subject property.

5.2 Title Records/Environmental Liens

ENSR subcontracted with EDR to perform an environmental lien search (ELS) of the main Ranch complex portion of the subject property. According to an ELS report dated February 20, 2008, no environmental liens were found within the land title records. In addition, no activity or use limitations (AULs) were discovered in the environmental lien search. A copy of the ELS report is provided in Appendix B.

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 EDR report 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 EDR report. Sites that could not be mapped by EDR were researched by ENSR during the site reconnaissance. A summary of the results of the EDR database search are presented below. A list of the databases searched and the search distances are provided in the EDR report. A copy of the database report is provided in Appendix C.

Based on ENSR’s research, the subject property is not located on or within a one-mile radius of tribal lands.

5.3.1 Subject property

The subject property was not listed in the environmental database report.

5.3.2 Surrounding sites

None of the surrounding sites were identified in the environmental database report. The nearest environmental database listing are for the Honda Proving Center located approximately three mile east of the subject property and the Jawbone Canyon Store located approximately three miles northeast of the subject property. The Honda Proving Center is listed on the Haznet and SWEEPS UST databases, neither of which are contamination-related databases. The Jawbone Store is listed in the Haznet, LUST, and Cortese databases. Based on its distance and down-gradient position relative to the subject property, it is ENSR’s opinion that the Jawbone Canyon Store is not a REC.
No additional offsite sources of concern were identified in the environmental database report, or during ENSR's area reconnaissance.

5.4 Agency review

5.4.1 Kern County Environmental Health Department

ENSR submitted a Freedom of Information Act (FOIA) request to the Kern County Environmental Health Department Hazardous Materials Program (County) to determine if they have files related to the onsite USTs and/or a historical hazardous materials release that may have occurred at the subject property. As of the date of this report, a response from the County has not been received. Based on ENSR's research to date, ENSR does not anticipate the response from the County to our FOIA request will significantly alter the conclusions or recommendations of this report.

5.4.2 Regional Water Quality Control Board

ENSR submitted a FOIA to Ms. Robin Coale with the Regional Water Quality Control Board (RWQCB) to determine they have files related to the UST and/or a historical hazardous materials release that may have occurred at the subject property. As of the data of this report, a response to ENSR’s FOIA requests had not been received from the RWQCB. Based on ENSR’s research to date, ENSR does not anticipate the response from the RWQCB to our FOIA request will significantly alter the conclusions or recommendations of this report.
6.0 Conclusions and Recommendations

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the subject property. Any exception to, or deletions from, this practice are described in Section 1.0 of the report. No REC were indentified during this assessment. However, the following de minimis condition was identified:

- Portions of a dilapidated pickup truck, several domestic water heaters, automotive tires, aluminum cans, glass bottles, and miscellaneous trash and debris were observed scattered throughout the subject property.

No additional assessment is recommended at this time.
7.0 Quality Control/Quality Assurance

7.1 Site visit, research, and report preparation:
The site visit, research and report preparation were conducted by Mr. Jim Fickerson, Senior Project Manager, in ENSR's Camarillo, California office. Mr. Fickerson completed this report on February 25, 2008. Mr. Fickerson has over 10 years of environmental due diligence experience and has performed and/or managed hundreds of Phase I ESAs of commercial and industrial property located throughout the United States. Mr. Fickerson's signature is below and his resume is included in Appendix D.

Signature: ___________________________
Jim Fickerson, Senior Project Manager

7.2 Quality control review
A review of this report was conducted by Mr. Mike Arvidson, Section Manager, in ENSR's Camarillo, California, office. Mr. Arvidson completed his review of this report on February 25, 2008. Mr. Arvidson has over 9 years of environmental due diligence experience and has performed and/or managed Phase I ESAs of commercial and industrial property located throughout the western United States. Mr. Arvidson's signature is below and his resume is included in Appendix D.

Signature: ___________________________
Mike Arvidson, Section Manager

7.3 Environmental professional statement
Mr. Fickerson was the Environmental Professional for this project. Mr. Fickerson's Environmental Professional statement is below:

I declare that, to the best of our professional knowledge and belief, I meet the definition of an Environmental Professional as defined in §312.10 of 40 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 the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Signature: ___________________________
Jim Fickerson, REA
Senior Project Manager

Date: February 25, 2008
8.0 References

8.1 Persons Interviewed/Agencies Contacted

Coale, Robin, Lahontan Regional Water Quality Control Board, Victorville Office, 14440 Civic Drive, Suite 200, Victorville, California 92392, (760) 241-6583, rcoale@waterboards.ca.gov. Contacted by Mr. Jim Fickerson, ENSR Corporation, 1220 Avendia Acaso, Camarillo, California 93012, on February 25, 2008.

Stein, Kenneth, BSL, 700 Universe Boulevard., Juno Beach, Florida 33408, Kenneth_stein@BSL.com. Interviewed via telephone by Mr. Jim Fickerson, ENSR Corporation, 1220 Avendia Acaso, Camarillo, California 93012, February 14, 2008. Completed ASTM 1527-05 User Questionnaire.

Switzer, Ken, Switzer Land Company, 609 West Ojai Avenue, Ojai, California 93023, (805) 646-1276. Interviewed by Mr. Jim Fickerson, ENSR Corporation, 1220 Avendia Acaso, Camarillo, California 93012, on February 13, 2008.


8.2 Documents Reviewed


Assessor Parcel Information, Kern County Assessors. Information reviewed online at: http://assessor.co.kern.ca.us/kips/property_search.asp


Kern County Environmental Health Department Hazardous Materials Program, 
http://www.co.kern.ca.us/eh/HazMatPage.asp.

Leaking Underground Fuel Tank Information, reviewed at the State of California Geotracker website, 


FIGURES
APPENDIX A
Representative Site Photographs
<table>
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<th>Photo No.</th>
<th>Date</th>
<th>Direction Photo Taken</th>
<th>Description</th>
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<tr>
<td>1</td>
<td>2/13/08</td>
<td>North</td>
<td>View of the dry wash located in the northeastern portion of the property near the railroad tracks.</td>
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<tr>
<td>2</td>
<td>2/13/08</td>
<td>Northwest</td>
<td>View of corrugated metal and debris pile located in the southeast portion of the subject property.</td>
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## PHOTOGRAPHIC LOG

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<th>Site Name:</th>
<th>14.38 Vacant Parcel of Desert Land</th>
<th>Site Location:</th>
<th>Near Highway 14, Kern County, California</th>
<th>Project No.</th>
<th>10056-014-150</th>
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<td>3</td>
<td>2/13/08</td>
<td>East</td>
<td>View looking east from the western portion of the subject property across Highway 14 towards the main portion of the site.</td>
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<tr>
<td>4</td>
<td>2/13/08</td>
<td>North</td>
<td>View of automotive tires and debris located in the southeast portion of the property near the dry wash.</td>
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<tr>
<td>Photo No.</td>
<td>Date</td>
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<td>Description</td>
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</tr>
<tr>
<td>5</td>
<td>2/13/08</td>
<td>Northwest</td>
<td>View looking across the site toward Highway 14.</td>
</tr>
<tr>
<td>6</td>
<td>2/13/08</td>
<td>West</td>
<td>View of the former residence and maintenance shop that abut the southern property boundary.</td>
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<tr>
<td>7</td>
<td>2/13/08</td>
<td>Southeast</td>
<td>View former farm labor housing that abuts the southern boundary of the subject property.</td>
</tr>
<tr>
<td>8</td>
<td>2/13/08</td>
<td>East</td>
<td>View from the eastern edge of the subject property looking east across the Freemont Valley Ranch.</td>
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APPENDIX B
Environmental Lien Search
The EDR Environmental Lien Search Report

14-ACRE VACANT PARCEL
NEAR HIGHWAY 14
FREEMONT VALLEY, CALIFORNIA

Wednesday, February 20, 2008
Project Number: L08-00901

The Standard In Environmental Risk Management Information

440 Wheelers Farm Road
Milford, Connecticut 06460

Nationwide Customer Service
Telephone: 1-800-352-0050
Fax: 1-800-231-6802
The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

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

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

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

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The EDR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

**TARGET PROPERTY INFORMATION**

**ADDRESS**

14-Acre Vacant Parcel  
Near Highway 14  
Freemont Valley, California

**RESEARCH SOURCE**

Source: Kern County Assessor  
Kern County Recorder

**DEED INFORMATION**

Type of Instrument: Quit Claim Deed

Title is vested in: William A. Futris and Mary E. Futris, as Trustees of the Futris Trust dated 12/07/1993

Title received from: William A. Futris and Mary E. Futris

Deed Dated: 12/21/1993  
Deed Recorded: 12/28/1993  
Book: 6963  
Page: 2260

**LEGAL DESCRIPTION**

All that certain piece or parcel of land being a portion out of the South Half South Half of the Southwest Quarter of Section 5, Township 31 South, Range 37 East, situated and lying in the City of Freemont Valley, Kern County, State of California

Assessor's Parcel Number(s): 469-140-11-00

**ENVIRONMENTAL LIEN**

Environmental Lien: Found ☐ Not Found ❌

**OTHER ACTIVITY AND USE LIMITATIONS (AULs)**

Other AULs: Found ☐ Not Found ❌
This conveyance transfers the grantors' interest into their revocable living trust. Revenue and Taxation Code Section 11911.

QUITCLAIM DEED

WILLIAM A. FUTRIS and MARY E. FUTRIS hereby remise, release and quitclaim to WILLIAM A. FUTRIS and MARY E. FUTRIS as trustees of the FUTRIS TRUST dated December 7, 1993, all of their right, title and interest in and to the real property in the County of Kern, State of California, described as follows:

The south half of south half of south half of southwest quarter of fractional Section 5, Township 31 South, Range 37 East, Mount Diablo Meridian, in the County of Kern, State of California, according to the Official Plat of said land approved by the Surveyor General, January 19, 1856.

ASSSESSOR’S PARCEL NUMBER: 469-140-11-00-0

The above grantors are husband and wife and it is their intention to confirm this property as community property. This document is given to accomplish that intent and mutual desire and wish that the above-described property be so vested in their Revocable Living Trust as their community property.

Dated: DEC 21 1993

WILLIAM A. FUTRIS

MARY E. FUTRIS
ACKNOWLEDGMENT
[CC 1180 ET SEQ.]

State of California  
ss.
County of Orange  

On DEC 2 1 1993 before me, the undersigned, a Notary Public in and for the State of California, personally appeared WILLIAM A. FUTRIS and MARY E. FUTRIS, proven to me, on the basis of satisfactory evidence, to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

Witness my hand and official seal.

[Notary Seal]

MAIL TAX STATEMENT TO PERSON(S) REQUESTING RECORDING AS SHOWN ABOVE.

WTO7 AB 112493 WT93144 TABS137
APPENDIX C
Environmental Database Report
The EDR Radius Map™ Report

14-Acre Vacant Parcel
Near Hwy 14
Freemont Valley, CA  93519

Inquiry Number: 02141780.1r

February 12, 2008

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com
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<td>Overview Map</td>
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<td>Government Records Searched/Data Currency Tracking</td>
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**GEOCHECK ADDENDUM**

GeoCheck - Not Requested

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*Thank you for your business.*

Please contact EDR at 1-800-352-0050 with any questions or comments.

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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**

NEAR HWY 14
FREEMONT VALLEY, CA 93519

**COORDINATES**

- Latitude (North): 35.258050 - 35˚ 15’ 29.0”
- Longitude (West): 118.036240 - 118˚ 2’ 10.5”
- Universal Tranverse Mercator: Zone 11
- UTM X (Meters): 405735.3
- UTM Y (Meters): 3901954.2
- Elevation: 2165 ft. above sea level

**USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

- Target Property Map: 35118-C1 CINCO, CA
  Most Recent Revision: 1994

- South Map: 35118-B1 MOJAVE NE, CA
  Most Recent Revision: 1994

**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:

**FEDERAL RECORDS**

- **NPL** - National Priority List
- **Proposed NPL** - Proposed National Priority List Sites
- **Delisted NPL** - National Priority List Deletions
- **NPL LIENS** - Federal Superfund Liens
- **CERCLIS** - Comprehensive Environmental Response, Compensation, and Liability Information System
- **CERC-NFRAP** - CERCLIS No Further Remedial Action Planned
- **LIENS 2** - CERCLA Lien Information
## EXECUTIVE SUMMARY

**CORRACTS** Corrective Action Report  
**RCRA-TSDF** RCRA - Transporters, Storage and Disposal  
**RCRA-LQG** RCRA - Large Quantity Generators  
**RCRA-SQG** RCRA - Small Quantity Generators  
**RCRA-CESQG** RCRA - Conditionally Exempt Small Quantity Generator  
**RCRA-NonGen** RCRA - Non Generators  
**US ENG CONTROLS** Engineering Controls Sites List  
**US INST CONTROL** Sites with Institutional Controls  
**ERNS** Emergency Response Notification System  
**HMIRS** Hazardous Materials Information Reporting System  
**DOT OPS** Incident and Accident Data  
**US CDL** Clandestine Drug Labs  
**US BROWNFIELDS** A Listing of Brownfields Sites  
**DOD** Department of Defense Sites  
**FUDS** Formerly Used Defense Sites  
**LUCIS** Land Use Control Information System  
**CONSENT** Superfund (CERCLA) Consent Decrees  
**ROD** Records Of Decision  
**UMTRA** Uranium Mill Tailings Sites  
**DEBRIS RÉGION 9** Torres Martinez Reservation Illegal Dump Site Locations  
**ODI** Open Dump Inventory  
**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  

### STATE AND LOCAL RECORDS

**HIST Cal-Sites** Historical Calsites Database  
**CA BOND EXP. PLAN** Bond Expenditure Plan  
**SCH** School Property Evaluation Program  
**Toxic Pits** Toxic Pits Cleanup Act Sites  
**SWF/LF** Solid Waste Information System  
**CA WDS** Waste Discharge System  
**WMUDS/SWAT** Waste Management Unit Database  
**Cortese** "Cortese" Hazardous Waste & Substances Sites List  
**SWRCY** Recycler Database  
**LUST** Geotracker's Leaking Underground Fuel Tank Report  
**CA FID UST** Facility Inventory Database  
**SLIC** Statewide SLIC Cases  
**UST** Active UST Facilities  
**Hist UST** Hazardous Substance Storage Container Database  
**AST** Aboveground Petroleum Storage Tank Facilities  
**LIENS** Environmental Liens Listing  
**SWEEPS UST** SWEEPS UST Listing  
**CHMIRS** California Hazardous Material Incident Report System
EXECUTIVE SUMMARY

Notify 65  Proposition 65 Records
DEED  Deed Restriction Listing
VCP  Voluntary Cleanup Program Properties
CLEANERS  Cleaner Facilities
WIP  Well Investigation Program Case List
CDL  Clandestine Drug Labs
RESPONSE  State Response Sites
HAZNET  Facility and Manifest Data
EMI  Emissions Inventory Data
HAULERS  Registered Waste Tire Haulers Listing
ENVIROSTOR  EnviroStor Database

TRIBAL RECORDS
INDIAN RESERV,  Indian Reservations
INDIAN LUST  Leaking Underground Storage Tanks on Indian Land
INDIAN UST  Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS
Manufactured Gas Plants  EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS
Surrounding sites were not identified.

Unmappable (orphan) sites are not considered in the foregoing analysis.
Due to poor or inadequate address information, the following sites were not mapped:

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## TRIBAL RECORDS

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## EDR PROPRIETARY RECORDS

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## NOTES:
- TP = Target Property
- NR = Not Requested at this Search Distance
- Sites may be listed in more than one database
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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.

**FEDERAL RECORDS**

### NPL: National Priority List

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

- **Date of Government Version**: 10/02/2007
- **Date Data Arrived at EDR**: 12/03/2007
- **Date Made Active in Reports**: 12/28/2007
- **Number of Days to Update**: 25
- **Source**: EPA
- **Telephone**: N/A
- **Last EDR Contact**: 01/28/2008
- **Next Scheduled EDR Contact**: 04/28/2008
- **Data Release Frequency**: Quarterly

#### NPL Site Boundaries

Sources:

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

  **EPA Region**
  - **Region 1**: Telephone 617-918-1143
  - **Region 2**: Telephone 215-814-5418
  - **Region 3**: Telephone 215-814-5418
  - **Region 4**: Telephone 404-562-8033
  - **Region 5**: Telephone 312-886-6686
  - **Region 10**: Telephone 206-553-8665

#### Proposed NPL: Proposed National Priority List Sites

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

- **Date of Government Version**: 10/02/2007
- **Date Data Arrived at EDR**: 12/03/2007
- **Date Made Active in Reports**: 12/28/2007
- **Number of Days to Update**: 25
- **Source**: EPA
- **Telephone**: N/A
- **Last EDR Contact**: 01/28/2008
- **Next Scheduled EDR Contact**: 04/28/2008
- **Data Release Frequency**: Quarterly

#### DELISTED NPL: National Priority List Deletions

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

- **Date of Government Version**: 10/02/2007
- **Date Data Arrived at EDR**: 12/03/2007
- **Date Made Active in Reports**: 12/28/2007
- **Number of Days to Update**: 25
- **Source**: EPA
- **Telephone**: N/A
- **Last EDR Contact**: 01/28/2008
- **Next Scheduled EDR Contact**: 04/28/2008
- **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: 11/15/2007
Number of Days to Update: 56 Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: No Update Planned

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: 04/23/2007 Source: EPA
Date Data Arrived at EDR: 06/20/2007 Telephone: 703-412-9810
Date Made Active in Reports: 08/29/2007 Last EDR Contact: 02/05/2008
Number of Days to Update: 70 Next Scheduled EDR Contact: 03/17/2008
Date Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLA 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: 06/21/2007 Source: EPA
Date Data Arrived at EDR: 07/23/2007 Telephone: 703-412-9810
Date Made Active in Reports: 08/29/2007 Last EDR Contact: 12/06/2007
Number of Days to Update: 37 Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: Quarterly

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: 08/08/2007 Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007 Telephone: 202-564-6023
Date Made Active in Reports: 12/28/2007 Last EDR Contact: 11/15/2007
Number of Days to Update: 25 Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

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

Date of Government Version: 09/18/2007 Source: EPA
Date Data Arrived at EDR: 12/03/2007 Telephone: 800-424-9346
Date Made Active in Reports: 12/28/2007 Last EDR Contact: 12/03/2007
Number of Days to Update: 25 Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

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

Date of Government Version: 09/11/2007  Source:  Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007  Telephone:  (415) 495-8895
Date Made Active in Reports: 12/28/2007  Last EDR Contact: 12/21/2007
Number of Days to Update: 25  Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly

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

Date of Government Version: 09/11/2007  Source:  Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007  Telephone:  (415) 495-8895
Date Made Active in Reports: 12/28/2007  Last EDR Contact: 12/21/2007
Number of Days to Update: 25  Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly

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

Date of Government Version: 09/11/2007  Source:  Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007  Telephone:  (415) 495-8895
Date Made Active in Reports: 12/28/2007  Last EDR Contact: 12/21/2007
Number of Days to Update: 25  Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

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: 09/11/2007  Source:  Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007  Telephone:  (415) 495-8895
Date Made Active in Reports: 12/28/2007  Last EDR Contact: 12/21/2007
Number of Days to Update: 25  Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies
US ENG CONTROLS: Engineering Controls Sites List
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/16/2007
Date Data Arrived at EDR: 08/03/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 69
Source: Environmental Protection Agency
Telephone: 703-603-8905
Next Scheduled EDR Contact: 03/31/2008
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: 07/16/2007
Date Data Arrived at EDR: 08/03/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 69
Source: Environmental Protection Agency
Telephone: 703-603-8905
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Varies

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 01/24/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 47
Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Annually

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

Date of Government Version: 10/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Annually

DOT OPS: Incident and Accident Data
Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 08/14/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 43
Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Varies

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.
US BROWNFIELDS: A Listing of Brownfields Sites
Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addresses 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.

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.

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.

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.
Date of Government Version: 09/01/2007  Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 12/03/2007  Telephone: Varies
Date Made Active in Reports: 12/28/2007  Last EDR Contact: 01/21/2008
Number of Days to Update: 25  Next Scheduled EDR Contact: 04/21/2008
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: 01/14/2008  Source: EPA
Date Data Arrived at EDR: 01/22/2008  Telephone: 703-416-0223
Date Made Active in Reports: 01/30/2008  Last EDR Contact: 01/02/2008
Number of Days to Update: 8  Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Annually

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

Date of Government Version: 07/13/2007  Source: Department of Energy
Date Data Arrived at EDR: 12/03/2007  Telephone: 505-845-0011
Date Made Active in Reports: 01/24/2008  Last EDR Contact: 12/17/2007
Number of Days to Update: 52  Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: Varies

**DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 12/28/2007  Source: EPA, Region 9
Date Data Arrived at EDR: 12/28/2007  Telephone: 415-972-3336
Date Made Active in Reports: 01/24/2008  Last EDR Contact: 12/26/2007
Number of Days to Update: 27  Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Varies

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

Date of Government Version: 06/30/1985  Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004  Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004  Last EDR Contact: 06/09/2004
Number of Days to Update: 39  Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

**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: 08/14/2007  Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 12/03/2007  Telephone: 303-231-5959
Date Made Active in Reports: 12/28/2007  Last EDR Contact: 01/03/2008
Number of Days to Update: 25  Next Scheduled EDR Contact: 03/24/2008
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.
### TSCA:

**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.

<table>
<thead>
<tr>
<th>Date of Government Version: 12/31/2002</th>
<th>Source: EPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 04/14/2006</td>
<td>Telephone: 202-260-5521</td>
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<td>Date Made Active in Reports: 05/30/2006</td>
<td>Last EDR Contact: 01/28/2008</td>
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<td>Number of Days to Update: 46</td>
<td>Next Scheduled EDR Contact: 04/14/2008</td>
</tr>
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<td></td>
<td>Data Release Frequency: Every 4 Years</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Date of Government Version: 01/15/2008</th>
<th>Source: EPA/Office of Prevention, Pesticides and Toxic Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 01/22/2008</td>
<td>Telephone: 202-566-1667</td>
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<td>Date Made Active in Reports: 01/30/2008</td>
<td>Last EDR Contact: 12/17/2007</td>
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<tr>
<td>Number of Days to Update: 8</td>
<td>Next Scheduled EDR Contact: 03/17/2008</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>

### FTTS INSPI:

**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.

<table>
<thead>
<tr>
<th>Date of Government Version: 01/15/2008</th>
<th>Source: EPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 01/22/2008</td>
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<tr>
<td>Date Made Active in Reports: 01/30/2008</td>
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<tr>
<td>Number of Days to Update: 8</td>
<td>Next Scheduled EDR Contact: 03/17/2008</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>

### 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.

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

### 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.

<table>
<thead>
<tr>
<th>Date of Government Version: 12/31/2005</th>
<th>Source: EPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 03/13/2007</td>
<td>Telephone: 202-564-4203</td>
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<tr>
<td>Date Made Active in Reports: 04/27/2007</td>
<td>Last EDR Contact: 01/28/2008</td>
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<tr>
<td>Number of Days to Update: 45</td>
<td>Next Scheduled EDR Contact: 04/14/2008</td>
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<td></td>
<td>Data Release Frequency: Annually</td>
</tr>
</tbody>
</table>
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 Data Arrived at EDR: 08/13/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
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: 04/12/2007
Date Data Arrived at EDR: 06/08/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/07/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Annually

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

Date of Government Version: 10/04/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 10/30/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/31/2008
Next Scheduled EDR Contact: 04/28/2008
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: 10/18/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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.
<table>
<thead>
<tr>
<th>Category</th>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CA BOND EXP. PLAN: Bond Expenditure Plan</strong></td>
<td>01/01/1989</td>
<td>Department of Health Services</td>
<td>916-255-2118</td>
<td>05/31/1994</td>
<td>N/A</td>
<td>No Update Planned</td>
</tr>
<tr>
<td><strong>TOXIC PITS: Toxic Pits Cleanup Act Sites</strong></td>
<td>07/01/1995</td>
<td>State Water Resources Control Board</td>
<td>916-227-4364</td>
<td>02/11/2008</td>
<td>04/28/2008</td>
<td>No Update Planned</td>
</tr>
</tbody>
</table>
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 Data Arrived at EDR: 09/12/2007  Telephone: 916-341-6320
Date Made Active in Reports: 09/28/2007  Last EDR Contact: 12/13/2007
Number of Days to Update: 16  Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Quarterly

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: 12/03/2007
Number of Days to Update: 30  Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.
Date of Government Version: 06/19/2007  Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007  Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007  Last EDR Contact: 12/17/2007
Number of Days to Update: 9  Next Scheduled EDR Contact: 03/17/2008
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: 04/01/2001  Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 05/29/2001  Telephone: 916-323-3400
Date Made Active in Reports: 07/26/2001  Last EDR Contact: 01/21/2008
Number of Days to Update: 58  Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.
Date of Government Version: 10/09/2007  Source: Department of Conservation
Date Data Arrived at EDR: 10/11/2007  Telephone: 916-323-3836
Date Made Active in Reports: 11/07/2007  Last EDR Contact: 01/09/2008
Number of Days to Update: 27  Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.
Date of Government Version: 03/01/2001  Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001  Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001  Last EDR Contact: 01/15/2008
Number of Days to Update: 28  Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: No Update Planned
LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 02/14/2005
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: 02/05/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 09/09/2003
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: 12/03/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 07/01/2007
Date Data Arrived at EDR: 08/01/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 8
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 01/23/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
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: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
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: 10/10/2007
Date Data Arrived at EDR: 10/11/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

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

Date of Government Version: 02/26/2004
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: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

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

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: 10/10/2007
Date Data Arrived at EDR: 10/11/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: 04/07/2008
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.
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: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
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: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
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: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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.
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.

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.

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.

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

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.
AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.
Date of Government Version: 09/17/2007
Date Data Arrived at EDR: 09/18/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 44
Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Quarterly

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.
Date of Government Version: 08/27/2007
Date Data Arrived at EDR: 08/28/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 29
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/05/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Varies

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 1980’s. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.
Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 12/31/2005
Date Data Arrived at EDR: 02/23/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 42
Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.
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: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: No Update Planned

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.

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.

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.

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

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.
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: 08/28/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 10/04/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 34

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
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: 12/31/2005
Date Data Arrived at EDR: 04/17/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 23

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 01/18/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Varies

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

Date of Government Version: 08/28/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 09/17/2007
Date Data Arrived at EDR: 09/18/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 10

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/05/2008
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Varies

TRIBAL RECORDS
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.
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: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
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: 08/05/2007
Date Data Arrived at EDR: 10/02/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 9
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

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

Date of Government Version: 12/12/2007
Date Data Arrived at EDR: 12/12/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 43
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

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

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
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: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 22
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly

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

Date of Government Version: 11/30/2007
Date Data Arrived at EDR: 11/30/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 28
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly
INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.
Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
Date of Government Version: 09/05/2007
Date Data Arrived at EDR: 10/02/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 9
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
Date of Government Version: 12/21/2007
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 34
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
Date of Government Version: 12/12/2007
Date Data Arrived at EDR: 12/12/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 43
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 49
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Quarterly

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.

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

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: 10/22/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/28/2008
Date Data Arrived at EDR: 01/29/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 10

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:
Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
<th>Date Made Active in Reports</th>
<th>Last EDR Contact</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
</table>

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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
<th>Date Made Active in Reports</th>
<th>Last EDR Contact</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
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</table>

KERN COUNTY:

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

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
<th>Date Made Active in Reports</th>
<th>Last EDR Contact</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
</table>

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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
<th>Date Made Active in Reports</th>
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<th>Data Release Frequency</th>
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<td>07/07/1999</td>
<td>415-972-3178</td>
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<td>01/17/2008</td>
<td>0</td>
<td>04/14/2008</td>
<td>No Update Planned</td>
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</table>

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
<th>Date Made Active in Reports</th>
<th>Last EDR Contact</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
</table>

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.
City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 12/10/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Varies

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

Date of Government Version: 05/30/2007
Date Data Arrived at EDR: 07/11/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 29
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Varies

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date Data Arrived at EDR: 11/20/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 80
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Annually

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

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 11/16/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Semi-Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 12/13/2007
Date Data Arrived at EDR: 12/14/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 56
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date Data Arrived at EDR: 12/19/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 51
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Semi-Annually

NAPA COUNTY:
Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.
Date of Government Version: 09/24/2007  
Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269
Date Data Arrived at EDR: 09/25/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 3  
Next Scheduled EDR Contact: 03/24/2008  
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.
Date of Government Version: 01/15/2008  
Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269
Date Data Arrived at EDR: 01/16/2008  
Date Made Active in Reports: 02/08/2008  
Number of Days to Update: 23  
Next Scheduled EDR Contact: 03/24/2008  
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.
Date of Government Version: 08/01/2007  
Source: Health Care Agency  
Telephone: 714-834-3446
Date Data Arrived at EDR: 09/28/2007  
Date Made Active in Reports: 11/07/2007  
Number of Days to Update: 40  
Next Scheduled EDR Contact: 03/03/2008  
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).
Date of Government Version: 08/01/2007  
Source: Health Care Agency  
Telephone: 714-834-3446
Date Data Arrived at EDR: 09/28/2007  
Date Made Active in Reports: 11/07/2007  
Number of Days to Update: 40  
Next Scheduled EDR Contact: 03/03/2008  
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).
Date of Government Version: 12/03/2007  
Source: Health Care Agency  
Telephone: 714-834-3446
Date Data Arrived at EDR: 12/19/2007  
Date Made Active in Reports: 02/08/2008  
Number of Days to Update: 51  
Next Scheduled EDR Contact: 03/03/2008  
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.
Source: Placer County Health and Human Services  
Telephone: 530-889-7312
Date Data Arrived at EDR: 07/23/2007  
Date Made Active in Reports: 08/09/2007  
Number of Days to Update: 17  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: Semi-Annually

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

Date of Government Version: 08/06/2007  Source: Department of Public Health
Date Data Arrived at EDR: 08/07/2007  Telephone: 951-358-5055
Date Made Active in Reports: 09/26/2007  Last EDR Contact: 01/15/2008
Number of Days to Update: 50  Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Quarterly

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

Date of Government Version: 08/06/2007  Source: Health Services Agency
Date Data Arrived at EDR: 08/07/2007  Telephone: 951-358-5055
Date Made Active in Reports: 09/24/2007  Last EDR Contact: 01/15/2008
Number of Days to Update: 48  Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

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

Date of Government Version: 10/29/2007  Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/30/2007  Telephone: 916-875-8406
Date Made Active in Reports: 11/07/2007  Last EDR Contact: 02/11/2008
Number of Days to Update: 8  Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 10/29/2007  Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/30/2007  Telephone: 916-875-8406
Date Made Active in Reports: 11/07/2007  Last EDR Contact: 02/11/2008
Number of Days to Update: 8  Next Scheduled EDR Contact: 04/28/2008
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: 09/27/2007  Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 09/28/2007  Telephone: 909-387-3041
Date Made Active in Reports: 11/07/2007  Last EDR Contact: 12/03/2007
Number of Days to Update: 40  Next Scheduled EDR Contact: 12/03/2007
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.)
## Solid Waste Facilities
San Diego County Solid Waste Facilities.

| Date of Government Version: 11/01/2006 | Source: Department of Health Services |
| Date Data Arrived at EDR: 01/03/2007 | Telephone: 619-338-2209 |
| Date Made Active in Reports: 01/24/2007 | Last EDR Contact: 11/19/2007 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 02/18/2008 |
| 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: 08/22/2007 | Source: San Diego County Department of Environmental Health |
| Date Data Arrived at EDR: 10/03/2007 | Telephone: 619-338-2371 |
| Date Made Active in Reports: 11/07/2007 | Last EDR Contact: 01/04/2008 |
| Number of Days to Update: 35 | Next Scheduled EDR Contact: 03/31/2008 |
| Data Release Frequency: Varies | |

## SAN FRANCISCO COUNTY:

### Local Oversight Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

| Date of Government Version: 09/07/2007 | Source: Department Of Public Health San Francisco County |
| Date Data Arrived at EDR: 09/07/2007 | Telephone: 415-252-3920 |
| Date Made Active in Reports: 09/28/2007 | Last EDR Contact: 12/17/2007 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 03/03/2008 |
| Data Release Frequency: Quarterly | |

### Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

| Date of Government Version: 12/18/2007 | Source: Department of Public Health |
| Date Data Arrived at EDR: 12/19/2007 | Telephone: 415-252-3920 |
| Date Made Active in Reports: 02/08/2008 | Last EDR Contact: 12/17/2007 |
| Number of Days to Update: 51 | Next Scheduled EDR Contact: 03/03/2008 |
| 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: 10/18/2007 | Source: Environmental Health Department |
| Date Data Arrived at EDR: 11/19/2007 | Telephone: N/A |
| Date Made Active in Reports: 02/08/2008 | Last EDR Contact: 01/15/2008 |
| Number of Days to Update: 81 | Next Scheduled EDR Contact: 04/14/2008 |
| Data Release Frequency: Semi-Annually | |

## SAN MATEO COUNTY:

### San Mateo County:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.
Date of Government Version: 10/24/2007
Date Data Arrived at EDR: 10/25/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 13
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 10/09/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.
Date of Government Version: 10/09/2007
Date Data Arrived at EDR: 10/10/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 28
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel 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: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.
Date of Government Version: 03/26/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Varies

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.
Date of Government Version: 09/17/2007
Date Data Arrived at EDR: 09/17/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 11
Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.
Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Quarterly
Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/30/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 9
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Quarterly

SONOMA COUNTY:

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

Date of Government Version: 10/22/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15
Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Quarterly

SUTTER COUNTY:

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

Date of Government Version: 05/04/2007
Date Data Arrived at EDR: 05/04/2007
Date Made Active in Reports: 05/24/2007
Number of Days to Update: 20
Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 08/24/2007
Date Data Arrived at EDR: 10/04/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 34
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 03/10/2008
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: 08/01/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/19/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Annually

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

Date of Government Version: 08/27/2007
Date Data Arrived at EDR: 10/02/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 36
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/13/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Quarterly
Underground Tank Closed Sites List

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

- Date of Government Version: 12/26/2007
- Date Data Arrived at EDR: 01/09/2008
- Date Made Active in Reports: 02/08/2008
- Number of Days to Update: 30
- Source: Environmental Health Division
- Telephone: 805-654-2813
- Last EDR Contact: 01/09/2008
- Next Scheduled EDR Contact: 04/07/2008
- Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

- Date of Government Version: 10/16/2007
- Date Data Arrived at EDR: 11/05/2007
- Date Made Active in Reports: 02/08/2008
- Number of Days to Update: 95
- Source: Yolo County Department of Health
- Telephone: 530-666-8646
- Last EDR Contact: 01/28/2008
- Next Scheduled EDR Contact: 04/14/2008
- Data Release Frequency: Annually

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: 12/31/2005
- Date Data Arrived at EDR: 06/15/2007
- Date Made Active in Reports: 08/20/2007
- Number of Days to Update: 66
- Source: Department of Environmental Protection
- Telephone: 860-424-3375
- Last EDR Contact: 12/13/2007
- Next Scheduled EDR Contact: 03/10/2008
- Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

- Date of Government Version: 09/30/2007
- Date Data Arrived at EDR: 12/04/2007
- Date Made Active in Reports: 12/31/2007
- Number of Days to Update: 27
- Source: Department of Environmental Protection
- Telephone: N/A
- Last EDR Contact: 01/03/2008
- Next Scheduled EDR Contact: 03/31/2008
- Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

- Date Data Arrived at EDR: 11/29/2007
- Date Made Active in Reports: 02/05/2008
- Number of Days to Update: 68
- Source: Department of Environmental Conservation
- Telephone: 518-402-8651
- Last EDR Contact: 11/29/2007
- Next Scheduled EDR Contact: 02/25/2008
- Data Release Frequency: Annually
PA MANIFEST: Manifest Information
Hazardous waste manifest information.
Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/10/2008
Number of Days to Update: 20
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/10/2007
Next Scheduled EDR Contact: 09/10/2007
Data Release Frequency: Annually

RI MANIFEST: Manifest Information
Hazardous waste manifest information
Date of Government Version: 10/01/2007
Date Data Arrived at EDR: 11/09/2007
Date Made Active in Reports: 01/15/2008
Number of Days to Update: 67
Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.
Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 06/08/2007
Number of Days to Update: 42
Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
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: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

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

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

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

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

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

STREET AND ADDRESS INFORMATION

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APPENDIX D
Qualifications of Environmental Professionals
Years Experience:  9

Technical Specialties

- Environmental, Health and Safety Compliance and Management Systems
- Site Remediation
- Project Management
- Environmental Site Assessments

Professional History

- ENSR
- HR Textron, Inc.
- Lindmark Engineering

Education

- M.B.A. (Management) Graziadio School of Business and Management - Pepperdine University
- B.S. (Civil Engineering) University of California, Los Angeles

Professional Registrations and Affiliations

- Engineer-in-Training, California

Representative Project Experience

Environmental Health and Safety Compliance

*Environmental, Health, and Safety Compliance and Management Systems, HR Textron, Inc. Environmental, Health, and Safety Compliance, Valencia and Pacoima, California:* Plant level EHS compliance for two manufacturing facilities. Conducted EHS compliance audits and inspections; tracked and executed corrective and preventive actions; wrote plans and programs; trained plant personnel; established strategic EHS objectives and targets; and prepared reports for regulators and senior management. Operations included research and development, engineering, machining, passivation, spray-painting, hydraulic and pneumatic assembly and testing, and a cafeteria. Activities related to these operations included hazardous waste and universal waste generation; industrial waste water, SWPPP, and SPCC; air quality management; underground storage tank management; and safety programs such as, but not limited to, LOTO, fall protection, ergonomics, fork trucks, emergency response, and hot work.

*HR Textron, Inc., ISO 14001 Implementation, Valencia and Pacoima, California.* Designed and continuous improved of ISO 14001 program for two manufacturing facilities. Formed cross-function team to conduct gap analysis; integrated environmental programs with business processes; established environmental objectives and targets; wrote procedures and work instructions; managed internal
audit and corrective action programs; and reported progress to senior management. Facility attained certification to ISO 14001:2004 standard.

**HR Textron, Inc., Behavior Based Safety Training Program, Valencia and Pacoima.** Evaluated safety program, designed training requirements, and implemented employee engagement strategy for two manufacturing facilities. Rewrote the company’s new hire orientation program and return to work procedure; drafted safety performance indicators (metrics) for management performance evaluations; initiated senior leadership behavior focused inspections; and proposed incentive program that uses cost avoidances to fund the program. Program resulted in a 20% reduction in the number of recordable injuries compared to the previous year.

**HR Textron, Inc., EHS Management System Audit Preparation, Valencia, California.** Managed cross-functional team in gap analysis; prioritized action items, wrote procedures and work instructions; developed document control program and storage; integrated EHS into business processes (e.g., procurement, engineering, and shipping) and trained site personnel. The site passed corporate business systems assessment.

**HR Textron, Inc., Lock-Out/Tag-Out Program, Valencia and Pacoima, California.** Managed LOTO program improvement project for two machine centers consisting of approximately 100 pieces of equipment. Equipment types included lathes, mills, hones, grinders, and EDM machines. Established evaluation and recordkeeping process, wrote process procedure, and completed machine specific procedures for all in scope equipment.

**HR Textron, Inc, Internal Audit Program Integration, Valencia and Pacoima, California.** Co-led a cross-functional team to integrate the internal audit programs for the company’s AS9100 and ISO 14001 management programs. ISO 14001 Lead Auditor for west coast operations. Conducted gap analysis; wrote process and element audit checklists; increased robustness of audit protocols; and prepared training material and conducted auditor training. The project scope was expanded to include integration of corrective and preventive action processes and tracking. Project resulted in an annual labor cost avoidance of $85,000.

**HR Textron, Inc., FAA Drug and Alcohol Program Compliance, Valencia and Pacoima, California.** Defined program objectives, conducted gap analysis; mapped current process state; identified and implemented process improvements; developed training and control program; and prepared company for FAA compliance audit.

**Environmental Site Assessments**

*Textron Systems, Environmental Site Assessment, Lowell, Massachusetts.* Conducted and prepared a condensed Phase I ESA of a boron composite manufacturing facility. Issues related to the site use of mercury were identified and included.

*Confidential Property Owner, Environmental Site Assessment, Commerce, California.* Conducted and prepared a condensed Phase I ESA of a furniture manufacturing facility. The lease with the tenant expired and the ESA was conducted on behalf of the property owner.
Confidential Property Owner, Environmental Site Assessment, Los Angeles, California. Conducted and prepared a Phase I ESA of a light manufacturing and distribution facility. An underground storage tank was discovered during the Phase I ESA. Mr. Arvidson was the project manager and construction coordinator for the UST removal.

Confidential Property Owner, Environmental Site Assessment, Sunland, California. Conducted and prepared a Phase I ESA for a client seeking acquisition of a salvage business. The site was used for the dismantling and segregation of post consumer automobiles.

Project Management

HR Textron, Inc., Facility Discharge Improvements, Valencia, California. Project manager for the rerouting of cooling tower water to the industrial wastewater system. At the time, facility maintained a NPDES permit to discharge cooling tower water to the Santa Clara River. The facility NPDES permit was close to its renewal when the LA RWQCB announced Chloride discharge limits would be reduced to a point below the level of incoming City water. The project consisted of negotiations with the LA County Sanitation Districts, LA RWQCB, and LA DPW. A cross-functional team approach prepared the permit and rerouted the discharge to the facility’s industrial wastewater system. Facility operations were not interrupted, regulatory footprint decreased with cancellation of NPDES permit, and operating efficiencies improved with an annual cost savings of $43,000.

Confidential Fuel Station Owner, Underground Storage Tank and System Upgrades, California. Led operations for the removal and upgrade of gasoline and diesel underground storage tanks at various locations in Southern California. Activities included permitting, proposal preparation, site safety officer, air monitoring, sample collection, vendor procurement, and agency interface.

Confidential Property Owner, Underground Storage Tank Removal and Site Demolition, Los Angeles, California. Led field operations and site safety officer for the discovery and removal of four underground storage tanks, two hydraulic lifts, and demolition of several retaining walls and concrete structures. Prepared and submitted a closure report to the oversight agency.

HR Textron, Inc., Containment Improvements, Valencia and Pacoima, California. Designed and constructed secondary containment structures with chemical barriers for the storage and/or processing of chemicals to comply with SWPPP or SPCC requirements.

Remediation

HR Textron Inc., Soil and Groundwater Remediation, Valencia, California. Project manager for the assessment and clean up of a chlorinated solvent plume. The plume extended onto two adjacent and active properties. The LA RWQCB had jurisdiction over the site. Site activities included permitting, well and conveyance piping installation, groundwater monitoring, SVE, pump and treat, and in situ bioremediation using sucrose and sodium lactate, HRC®, and HRX® injections.

Cadillac Gage, Soil and Groundwater Remediation, Greenville, Ohio. Project manager for the assessment and clean up of a chlorinated solvent plume. The
property was an active manufacturing facility. Site activities included permitting, well installation, groundwater monitoring, SVE, and in situ bioremediation using HRC® injections. Conducted and prepared a condensed Phase I ESA to assist corporate counsel with drafting environmental provisions and deed restrictions. Property was successfully sold with deed restrictions including contract conditions allowing access to the property and use of the facility’s utilities and discharge system.

**Textron Systems, Soil and Groundwater Remediation, Cape Cod, Massachusetts.** Assisted in a historical operational review of site operations at the Massachusetts Military Reserve (MMR). Both the US Army and Massachusetts National Guard conducted training at MMR since WWII. On site hazards include exposed and buried unexploded ordinances. Site contamination included various types of explosives, diesel fuel, and metals. The project consisted of a site inspection and document review.

**Confidential Client, Remediation System Rerouting, Newbury Park, California.** Led field construction crew in the relocation of extraction conveyance piping for a site impacted with chlorinated solvents. Area development required the widening of the off ramp from the 101 Freeway. The crew used directional boring equipment and avoided interference with freeway traffic.

**HR Textron, Inc. Remediation Site Closure, Pacoima, California.** Project manager for soil impacted with Stoddard Solvent at an active manufacturing facility. Reviewed project historical data; redesigned air monitoring collection process; redesigned the closure plan; and conducted field oversight activities. The project received a no further action letter from the LA RWQCB, nine months ahead of schedule and approximately $32,000 under budget.
Jim K. Fickerson
Senior Project Manager

Years Experience: 12

Technical Specialties
- Project Management
- Environmental Due Dilegence
- Environmental Liability Cost Analysis
- Environmental Permitting
- Integrated Site Closure

Professional History
- ENSR
- Texaco Refining and Marketing, Inc.
- City of Saratoga

Education
- BS (Environmental Studies) San Jose State University

Professional Registrations and Affiliations
- California Registered Environmental Assessor (REA) I, California

Summary
Mr. Fickerson is a Senior Project Manager in ENSR Corporation’s, Camarillo, California office. Mr. Fickerson is the client steward for two real estate investment trusts and one national construction rental company. In this capacity, Mr. Fickerson manages the clients environmental due diligence, risk management, and their existing portfolio of environmental liabilities. Over the last five years Mr. Fickerson has successful managed the environmental assessment, remediation and regulatory site closure of three former petroleum bulk plants and three former retail petroleum sites located in Arizona and California.

As a senior environmental assessor, Mr. Fickerson has coordinated and/or personally performed over 1,000 due diligence projects on commercial and industrial property located throughout the country. In this capacity, Mr. Fickerson has conducted numerous subsurface investigations, groundwater studies, risk assessments, indoor air quality surveys, remedial feasibility studies, remedial cost evaluations, regulatory agency negotiations, and regulatory site closures.
Project Experience

Integrated Site Closure

June 2005 to Present. Chevron Environmental Management Corporation. For the last several years, Mr. Fickerson has been managing the environmental assessment and remediation of a former gasoline service station located in Santa Barbara, California. During this time frame the site has been fully categorized; multi-phase extraction, vapor extraction, and bio-sparging remediation technologies have been pilot tested, potential sensitive receptors have been fully evaluated, and a sense of trust with the regulatory agency has been built. The project team recently completed an internal, client-driven, comprehensive engineering review. A corrective action plan is forecast to be completed during the first half of 2008, following by the installation of a full scale remediation system.

February 2003 to December 2006. Unocal Corporation. Mr. Fickerson managed the environmental site assessment and remediation of a former bulk fuel terminal in Yuma, Arizona. Non aqueous phase liquids were present both onsite and offsite at thickness ranging between 0.5 and 3 feet. Long term remediation costs using conventional remediation technologies were forecast in excess $2.5M. Due the extent of non aqueous phase liquids regulatory site closure was not considered feasible using conventional remedial technologies. In addition, the operation of the existing multi-phase extraction system was costing over $250K/year with marginal hydrocarbon recovery rates. Mr. Fickerson managed the design, execution, and analysis of a steam injection pilot test at this site. Results of the one month pilot test indicated that steam injection increased hydrocarbon recovery by 500 percent. A financial analysis indicates that over $1M dollars could be saved by the site wide implementation a steam injection remediation and regulatory site closure could be achieved in as little as two years.

February 2003 to December 2006. Chevron Corporation. Mr. Fickerson managed the environmental assessment and remediation of a former bulk fuel terminal in Phoenix, Arizona under the tight time restriction imposed by an Aquifer Protection Permit. Working closely with Arizona Department of Environmental Quality, Mr. Fickerson coordinated a comprehensive subsurface soil and groundwater assessment including the advancement of 38 borings, six groundwater wells from depth ranging between 15 and 110 feet below ground surface. Mr. Fickerson lead the remediation team that excavated 3,500 tons of petroleum impacted soil from nine onsite areas of concern; the installation of eight multi-zone vapor extraction/bio-venting wells, and the construction and startup of a soil vapor extraction system.

March 2004 to November 2005. Unocal Corporation. Mr. Fickerson managed the regulatory site closure of a former service station in Phoenix, Arizona. The site is a former gasoline service station located on the corner of a busy street near downtown Phoenix that had become blighted by years of inactivity. The sale of the site and its redevelopment was being hindered by the presence of 1,2-DCA in groundwater at concentrations that exceeded AZ regulatory cleanup objectives. Complicating issues was a nearby dry cleaner who release was impacting the groundwater beneath the service station. Working with ENSR's risk assessment experts, Mr. Fickerson was able to successfully convince ADEQ that the remaining 1,2-DCA did not present a risk to human health or the environmental, and that regulatory site closure should be issued. The site is currently being redeveloped.

March 2004 to November 2005. Unocal Corporation. Despite extensive onsite assessment and remediation by others regulatory site closure of a former bulk plant in Safford, Arizona was being complicated by a commingled plume from an nearby gasoline service station. Working with ENSR's hydrologists, Mr. Fickerson was able to convince ADEQ that the presence of benzene along the sites eastern border was a result of the nearby gasoline service station, rather than from an onsite release. Regulatory site closure was granted allowing the site to be sold and redeveloped for beneficial use.
Due Diligence

July 2006 to Present. Academy of Motion Pictures and Sciences. Phase I and Phase II Environmental Site Assessments. Mr. Fickerson is managing the environmental due diligence and environmental liability analysis associated with the acquisition of one city block located in the middle Hollywood of California. Activities conducted to date include reconnaissance of the site and surrounding neighborhood; a review of various historical resources; an analysis of a regulatory database report, review of local and state regulatory agency files, and researching the physical characteristics of the site. Recognized environmental conditions that were identified included current and former USTs, dry cleaners, and the historical use of chlorinated solvents. These environmental concerns were further evaluated by the implementation of a comprehensive subsurface investigation program including the collection and laboratory analysis of soil, soil vapor, and groundwater samples. Over 10 technical environmental reports were prepared summarizing the results of the numerous investigations. Mr. Fickerson and his project team are currently providing the client with technical guidance regarding vapor intrusion mitigation/remediation and environmental liability cost analysis/budgeting for future site redevelopment.

December 2007. MeadWestvaco. Mr. Fickerson performed a Phase I environmental site assessment of a 100,000 square-foot envelope manufacturing plant located on approximately 3.5 acre parcel near downtown Los Angeles, California. The assessment involved a site and area reconnaissance; a review of various historical resources; an analysis of a regulatory database report, review of local and state regulatory agency files, researching the physical characteristics of the site, and preparation of a report.

November 2007. Isle of Capri Casinos. Mr. Fickerson managed the environmental due diligence of the former Multnomah Greyhound Park located on 30 acres in the town of Wood Village, Oregon. This project involved the rapid mobilization of an assessor to visit the site, and a comprehensive historical, regulatory, and environmental database review, and preparation of a report all within the span of less than two weeks in order to meet clients real-estate transaction requirements. Potential environmental liabilities associated with the transaction were evaluated and a budgetary cost estimate was prepared to assist the client in negotiating an equitable purchase price for the property.

September 2007. Air Liquide. Mr. Fickerson performed and managed the environmental due diligence associated with the acquisition a former gasoline fuel blending facility located on 14 acres in San Bernardino, California. Mr. Fickerson designed and implemented a comprehensive soil boring and geophysical survey program to fully evaluate over 30 recognized environmental conditions that were indentified onsite. At the conclusion of the project, a budgetary cost estimate that quantified the environmental liabilities associated with the transaction was prepared.

June 2007. FPL Energy. Mr. Fickerson performed the environmental due diligence of the 2,270 acre Fremont Valley Ranch located near California City, California. This assessment involved an in-depth historical, regulatory, internet, and environmental database report review, in conjunction with a site visit, and interviews with current and former employees of the Ranch. Three recognized environmental conditions were identified including existing underground storage tanks and fueling dispensers. At the conclusion of the a budgetary costs estimate was prepared to quantify the potential environmental liability associated with the Ranch.

April 2007. Confidential Client. Mr. Fickerson conducted a Phase I environmental site assessment and limited compliance evaluation of 280,000 square-foot chemical storage facility located in Brisbane, California. The project involved a comprehensive historical, regulatory, and environmental database review; as well as interviews with facility management and workers; a thorough site walk; a lengthy document review of the facilities environmental compliance documentation; and research into the facilities off-site contingent liabilities. The project was conducted under strict client confidentiality that was required by the merger and acquisition of two fortune 500 companies.
July 2006. Public Storage. Project manager for the environmental site screening of 47 self-storage properties located throughout North and South Carolina. The project involved sites visit; historical reviews; regulatory agency and environmental database review; interviews with facility personal; a review of previously prepared environmental reports; preparation of site-specific summary reports; and a preparation of a comprehensive cost analysis to quantify the environmental liabilities associated with the transaction. This challenging project was completed within in a tight two week timeframe.

May 2006. TA Realty Advisors. Project manager for the environmental site assessment of 15 commercial properties located throughout Southern California. This project involved the preparation of 15 Phase I environmental site assessments, five asbestos surveys and a preparation of a comprehensive cost analysis to quantify the environmental liabilities associated with the transaction.

May 2006. P.S. Business Parks. Mr. Fickerson managed the environmental due diligence associated with three industrial properties located in Signal Hill, California. Recognized environmental conditions identified at the sites included former oil sumps, waste disposal areas, and petroleum production facilities. The environmental concerns associated with each site were further evaluated by the implementation of a comprehensive subsurface soil boring and geophysical program. The identified environmental liabilities were further analyzed and a budgetary cost estimate was prepared to assist the client in their purchase of the sites. The entire project was completed under budget and within the tight time constraints of a real estate transaction.

Northrop/Vought Aircraft Corporation, Comprehensive Soil and Groundwater Assessment, Hawthorne, California. Assistant Project Manager for a comprehensive fence-line to fence-line soil assessment of an 80-acre aerospace manufacturing facility. The assessment involved the drilling and sampling of 200 soil borings and the installation of numerous monitoring wells to assess the extent of soil impacted by halogenated solvents, petroleum hydrocarbons, and metals. As a part of the comprehensive site assessment report, analyzed, evaluated, and prepared detailed geologic cross sections of the site, delineating impacts, which were used in the preparation and implementation of a remedial action plan using in-situ chemical oxidation to remediate groundwater impacts.

July 2004 to September 2004. Public Storage. Project manager for acquisition of 27 self storage sites in Minnesota and Wisconsin. The project involved the performing Phase I environmental site assessments at all 27 sites; asbestos surveys at four sites, subsurface investigations of seven sites; preparation of a comprehensive environmental liability cost estimate; and agency negotiations with Minnesota Pollution Control Agency to obtain letters of "No Association Determination" for four of the 27 sites.

March 2005 to August 2005. Nature Conservancy. Mr. Fickerson managed the environmental due diligence of a former worker camp and precious metals mine in Tecopa, California. Recognized environmental conditions identified at the site were further evaluated by the implementation of a comprehensive trenching program. Total metals were identified in the soil at concentrations that hazardous waste criteria. Potential remedial scenarios were evaluated, a preliminary risk assessment was performed, and discussed with the clients legal counsel. The project team decided that the elevated metals concentrations could be managed in place, thus avoiding costly (in excess of $1M) remediation, and allowing a conservation easement to be placed on this ecologically sensitive property.

August 2003. Teachers Insurance and Annuity Association. Performed a Phase I environmental site assessment of five multi-story office buildings comprising approximately 380,000 square-feet of commercial office space on approximately 15 acres of land located in San Diego, California. This project involved a site visit; interviews with the buildings tenants; historical, regulatory, and environmental database review, and preparation of comprehensive report.
May 2003. PS Business Parks. Mr. Fickerson performed a Phase I environmental site assessment and managed subsurface assessment of a business park containing 437,000 square-feet of commercial office/warehouse space on 25 acres of land in Santa Ana, California. An extensive historical review indicated that the site was formerly occupied by a sugar beet processing plant. The identified recognized environmental conditions were further evaluated by the implementation of a comprehensive soil boring program. Mr. Fickerson prepared a budget cost estimate and assisted the client in obtaining environmental insurance allowing the client to proceed with the purchase of property within the tight time constraints of a real-estate transaction.

April 2002. FleetBoston Financial Group. Performed a Phase I environmental site assessment of the Buena Park Mall and Buena Park Marketplace located off La Palma Avenue in Buena Park, Orange County, California. Combined the buildings totaled approximately 380,000 square-feet of commercial space on approximately 51 acres of land. This project involved visits and interviews with over 100 tenants; historical, regulatory, and environmental database review, and preparation of comprehensive report. At the conclusion of the project a comprehensive environmental liability analysis was performed to quantify potential future environmental costs.

March 2002. Confidential Client. Project manager responsible the subsurface soil and groundwater assessment of a dry cleaning facility located in Marina Del Rey, California. Despite the presence of chlorinated solvents in groundwater at concentrations that exceed California’s maximum contaminant levels, Mr. Fickerson was able to successfully demonstrate that the release was not a risk to human health or the environment and regulatory site closure was granted by the Los Angeles Regional Water Quality Control Board.

November 2001. Shamrock Logistics GP, LLC. Project manager and primary assessor responsible for the technical environmental liability cost evaluation of groundwater impacts associated with the acquisition of 14 tank farms, heating stations, and over 33 miles of connecting pipelines located throughout Southern California.

September 2001, Teachers Insurance Annuity Association. Prepared a Phase I environmental site assessments and limited compliance assessment of a shopping center that contained over 270,000 square feet of retail space on 31 acres of land located in San Diego, California. This project involved visits and interviews with over 50 tenants; compliance documentation review and analysis; historical, regulatory, and environmental database review, and preparation of comprehensive report.

March 2001. Air Liquide. Prepared Phase I environmental site assessments of four compressed gas facilities and one compressed gas terminated located on the islands of Kauai, Maui, Hawaii, and Oahu, Hawaii. This project involved facility visits, historical, regulatory, and environmental database review, and preparation of site-specific reports.
Phase I Environmental Site Assessment of 97.75 Acres of Desert Land, Highway 14, Fremont Valley, Kern County, California
Phase I Environmental Site Assessment of 97.75 Acres of Desert Land, Highway 14, Fremont Valley, Kern County, California
EXECUTIVE SUMMARY

Beacon Solar, LLC (Beacon) contracted with AECOM Inc. (AECOM) to perform a Phase I Environmental Site Assessment (ESA) of 97.75 acres of open desert located in the Fremont Valley, approximately 14 miles north, northeast of Mojave off Highway 14, Kern County, California. This Phase I ESA was performed in conformance with the general scope and limitations of American Society for Testing and Materials (ASTM) Standard Practice E 1527-05 for ESAs. Exceptions to, or deletions from, this practice are described in Section 1.3 of this report.

This assessment took place between May 21 and June 5, 2009, with the site visit occurring on May 28, 2009. The subject property consists of a 97.75 acre rectangular shaped parcel of open desert. The majority of the subject property is covered by desert scrub and cactus. Small dry desert washes were observed within the subject property, typically running southwest to northeast, following the topographic gradient of the subject property. Overhead transmission power lines operated by Southern California Edison (SCE) bisect the western half of the subject property. No structures or buildings were observed on the subject property. During the site visit no visual evidence of groundwater monitoring wells, clarifiers, or dry wells, was observed on the subject property. In addition, no discolored soil, water, unusual vegetative conditions, staining or visual evidence of hazardous materials release was observed at the time of AECOM’s site visit.

The majority of the surrounding properties consist of vacant undeveloped open desert covered by desert scrub. Additionally, Highway 14 is located adjacent to the east of the subject property, beyond which is more vacant undeveloped open desert. The Barren Ridge Substation, appeared to be associated with the Southern California Edison overhead transmission power lines which bisect the western half of the subject property, is located adjacent to the south of the subject property, near the southwest corner of the subject property.

Historical research indicates that subject property has been vacant undeveloped open desert since at least the early 1900s. Southern California Edison overhead transmission power lines that bisect the subject property have been present since at least 1952. No historical onsite or offsite sources of concern were identified.

The subject property and surrounding sites were not identified in a site-specific environmental database search report, during AECDM’s review of other regulatory sources, or during AECOM’s reconnaissance of the subject property and surrounding area.

Based on the site visit and review of governmental environmental databases, files, and historical documents, no recognized environmental conditions (RECs), historical RECs (HREC), or de minimis conditions were identified. No additional assessment is recommended.
5.0 Database and Records Review

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Figure 1 – Site Location Map
Figure 2 – Site Map

APPENDICES

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B Environmental Lien Search
C Environmental Database Report
D Qualifications of Environmental Professionals
1.0 Introduction

1.1 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) is to provide the client with information for use in evaluating potential environmental concerns associated with the subject property.

1.2 Scope of work

The Phase I ESA included a site visit, regulatory research, historical review, and environmental database search of 97.75 acres of vacant open desert located approximately 14 miles north, northeast of Mojave off Highway 14, in Kern County, California. In conducting the Phase I ESA, AECOM assessed the subject property for visible signs of possible contamination, review of governmental environmental databases, files, and historical documents. This project was performed in general accordance with American Society for Testing and Materials (ASTM) Standard Practice Designation E 1527-05.

AECOM’s standard terms and conditions for this report include, in addition to the ASTM Phase I ESA scope of work, visual assessment of potential asbestos-containing materials (ACM), lead-based paint, and water intrusion, and radon, wetlands, and floodplains. Conclusions made in this report are based upon the assessment performed and are subject to the study limitations presented in Section 1.3, below.

1.3 Study limitations

This report describes the results of AECOM’s due diligence assessment to identify the presence of environmental liabilities materially affecting the subject facility and/or property. In the conduct of this due diligence assessment, AECOM assessed the presence of such problems within the limits of the established scope of work as described in the Consulting Services Agreement between Beacon Solar, LLC and AECOM, Inc. dated April 13, 2009.

In the conduct of this due diligence assessment, AECOM has attempted to independently assess the presence of such problems within the limits of the established scope of work as described in our proposal. 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.

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.

This report is 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 signing an AECOM generated Reliance Letter. A third party’s signing of the AECOM Reliance Letter is a condition precedent to any additional use or reliance on this report.

The passage of time, result in changes in technology, economic conditions, site variations, or regulatory provisions which would render the report inaccurate. Reliance on the report after the date of issuance as an accurate representation of current site conditions shall be at the user’s sole risk. Should AECOM be
required to review the report after six (6) months from its date of submission, AECOM shall be entitled to additional compensation at then existing rates or such other terms as may be agreed upon between AECOM and the client.

1.4 Data failure/data gaps

The following data failures/data gaps were encountered during this assessment:

- Per ASTM E 1527-05, interviews with 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. During the ESA process, AECOM was provided with contact information for the broker (Joseph Stello) representing the current owner of the subject property, Estate of Emanuel Duke. AECOM contacted Mr. Stello via telephone on several occasions but was unable to reach/interview him and Mr. Stello did not return AECOM’s messages. AECOM believes that Mr. Stello, if contacted and interviewed, may be able to provide additional information regarding the historic uses of the subject property during the usage by Emanuel Duke. This limitation is not expected to change the outcome of the report based on historical information gathered from other sources, which are documented throughout this report.
2.0 Site Description

2.1 Site location
The subject property is located off Highway 14, approximately 14 miles north, northeast of the town of Mojave, approximately 2,000 feet north of Pine Tree Canyon Road, in the northern part of the Antelope Valley, in Kern County, California. The area of the subject property is referred to as Fremont Valley and is generally occupied by various ranches and undeveloped open desert. According to the Kern County Assessor-Recorder, the subject property is identified as Assessor Parcel Number 469-280-02. The approximate location of the subject property is illustrated on Figure 1 - Site Location Map.

2.2 Site ownership
According to the client, county assessor, and environmental lien search, the subject property is owned by the Estate of Emanuel Duke. According to the Kern County Assessor-Recorder, the Trustee’s Deed was recorded on April 25, 1996 indicating grantors First Independent Trust Deed Services and Frantz Barbara with grantees Duke Daphne Extx. and Duke Emanuel Estate. No other information on the past land ownership was identified during the course of this assessment.

2.3 Site Visit
Ms. Cassandra Weir of AECOM’s Camarillo, California office visited the subject property on May 28, 2009. The weather at the time the site visit consisted of clear skies, dry conditions, light winds, and temperatures around 95-degrees F. Representative photographs taken during the site visit are provided as Appendix A.

The site visit methodology consisted of walking through portions of the subject property, with particular focus being areas of dumping/garbage and debris and driving the perimeter of the property and selected portions of the interior of the subject property. The following sections summarize the results of the site visit. It should be noted no areas of dumping/garbage/debris was observed on the subject property.

2.3.1 Site description
The subject property consists of a continuous rectangular shaped, 97.75 acre parcel of open desert located west of Highway 14. Southern California Edison (SCE) has an easement for overhead transmission power lines which bisects the western half of the subject property. The subject property is covered by desert scrub. Small dry desert washes were observed within the subject property, typically running southwest to northeast, following the topographic gradient of the subject property. No structures or buildings were observed on the subject property. During the site visit no visual evidence of groundwater monitoring wells, clarifiers, or dry wells, was observed on the subject property. In addition, no discolored soil, water, unusual vegetative conditions, staining or visual evidence of hazardous materials release was observed at the time of AECOM’s site visit. The approximate layout of the subject property is illustrated in Figure 2 – Site Map.

2.3.2 Building description
No buildings or structures were observed on the subject property.

2.3.3 Surrounding properties
The majority of the surrounding properties consisted of vacant undeveloped open desert covered by desert scrub. Additionally, Highway 14 is located adjacent to the east of the subject property, beyond which is
more vacant undeveloped open desert. The Barren Ridge Substation, associated with the SCE overhead transmission power lines that bisect the western half of the subject property, is located adjacent to the south of the subject property, near the southwest corner of the subject property.

2.3.4 Petroleum hydrocarbons and hazardous materials
No petroleum hydrocarbons or hazardous materials were observed on the subject property during AECOM’s site visit.

2.3.5 Aboveground storage tanks (ASTs)
No ASTs were observed on the subject property during AECOM’s site visit.

2.3.6 Underground storage tanks (USTs)
No visual evidence of fuel-related USTs (e.g., vent pipes, fill ports) was observed during the site visit at the subject property. In addition, no USTs were listed in the State of California Geotracker® database or the environmental database report reviewed by AECOM in the area of the subject property.

2.3.7 Solid Waste
No dumpsters or trash enclosures were observed at the subject property during AECOM’s site visit. In addition, no trash or debris was observed at the subject property during the site visit.

2.3.8 Stormwater
No stormwater drains were observed during AECOM’s site visit. Based on AECOM’s site visit and a review of the topographic maps of the subject property area, stormwater is generally anticipated to flow in a northeasterly direction or infiltrate into the ground.

2.3.9 Utilities
No evidence of utility improvements was observed on the subject property during the site visit. It should be noted that overhead transmission power lines bisect the western half of the subject property and additional overhead power lines were observed along the eastern and southern borders of the subject property.

2.3.10 Polychlorinated biphenyls (PCB)
No pad mounted, pole mounted, or other potential PCB-containing equipment was observed on the subject property.

2.3.11 Asbestos
No structures were observed on the subject property during the site visit. Therefore, it is assumed that asbestos is not present at the subject property. However, an asbestos survey of the subject property was not conducted as a part of this assessment.

2.3.12 Lead-based paint (LBP)
No structures were observed on the subject property during AECOM’s site visit. Therefore, it is assumed that there is no LBP at the subject property. However, a LBP survey of the subject property was not conducted as a part of this assessment.
2.3.13 Water intrusion

No structures were observed on the subject property during AECOM’s site visit. Therefore, no visual evidence of water intrusion was observed during the site visit.
3.0 Environmental Setting

3.1 Topography
According to the United States Geological Survey (USGS) topographic map of the subject property area (Mojave, California, quadrangle), the elevation of the subject property ranges between approximately 2,300 feet above mean sea level (msl) at the northeast corner of the subject property to 2,420 feet above msl at the southwest corner of the subject property. Based on a review of the topographic maps and AECOM’s site visit, the subject property gradually slopes downward from the southwest to the northeast toward Highway 14.

3.2 Soil
According to information provided by Environmental Data Resources, Inc. (EDR) and the U.S. Department of Agriculture’s Soil Conservation Services, the subject property soils are identified by the Arizo soil component. Soils of this type are anticipated to have high infiltration rates and to excessively drain.

3.3 Groundwater
According to California’s Groundwater Bulletin 118, the subject property is located within the Fremont Valley Groundwater Basin. The basin is characterized by both Quaternary alluvium and Lacustrine deposits. However, the alluvium is considered the most important water-bearing material in the basin. Groundwater in the alluvium is generally unconfined. Average well yield in the basin is reportedly 530 gallons per minute (gpm).

In May and June 2007, ENSR (currently known as AECOM Environment) conducted a Phase I ESA (prepared for FPL Energy, LLC) at the former Fremont Valley Ranch and surrounding area, which is an area located adjacent to and extending beyond a mile to the northeast of the subject property. Additionally, in May 2008, ENSR conducted a Phase I ESA (prepared for Beacon Solar, LLC) of 20-acres of desert land located on land adjacent to the areas included in the 2007 report and located approximately ¼ mile north of the subject property. According to these reports a number of water wells were identified on the former Fremont Valley Ranch and surrounding area. In October 2007, the depth to groundwater below the Ranch ranged from 210 to 436 feet below ground surface. Based on the topographic gradient of the subject property and surrounding sites, groundwater beneath the subject property is anticipated to flow in a generally northeasterly direction.

3.4 Radon
Radon is a radioactive gas that is generated by the decay of radium in the underlying soil and rocks. Radon gas levels are highly site specific and are influenced by soil and building conditions, including pressure differentials between the soil and the building. The U.S. EPA has established a guideline threshold of 4.0 PicoCuries per liter (pCi/L) of air, above which there may be adverse health risks if exposure continues over a prolonged period of time (generally 70 years).

According to the EDR report the site is located in EPA Radon Zone 2. Review of the EDR report revealed that of ninety four (94) sites tested in Kern County, the average radon concentration was reported to be 1.422 pCi/L in first floor of the building. No results were provided for the basement or second floor living spaces. Based on this information, it is AECOM’s opinion that radon does not present a significant environmental concern at the subject property. No site-specific radon testing information was provided for AECOM’s review.
3.5 Wetlands

No wetlands-type vegetation (i.e., cattails, etc.) was observed during the site visit, nor were wetlands depicted on the USGS map for the subject property area. In addition, no pits, ponds, or lagoons were observed onsite during AECOM's site visit. Small dry desert washes were observed within the subject property, typically running southwest to northeast, following the topographic gradient of the subject property. Please note that a wetlands delineation survey was not conducted as part of this assessment.

3.6 Floodplains

According to the Federal Emergency Management Agency (FEMA) flood insurance rate map (1999) the subject property is not located within a 100 year and/or 500 year flood zone.
4.0 Site and Area History

Historical information for the subject property and surrounding sites is based on AECOM’s review of aerial photographs dated 1952, 1963, 1972, 1983, 1994, 2002 and 2005; topographic maps dated 1915, 1947, 1956, 1973, 1980, and 1994. AECOM attempted to contact Mr. Joseph Stello, the broker who represents the subject property owner, the Estate of Emanuel Duke, but was unable to interview him regarding his knowledge of the subject property. AECOM called Mr. Stello on several occasions and Mr. Stello did not return AECOM’s messages.

According to EDR, no Sanborn® fire insurance maps are available for the subject property. No previously prepared environmental reports were provided for AECOM’s review during the course of this assessment.

4.1 Subject property

Historical research indicates that subject property has been vacant undeveloped open desert since at least the early 1900s to the present. The overhead transmission power lines that bisect the western portion of the subject property have been present since at least 1952.

4.2 Adjacent sites

Historical research indicates that the surrounding sites were largely vacant and undeveloped open desert from at least the early 1900s to the present. Highway 14 (then known as Keeler Road) is shown on the earliest historical resource available, the 1915 topographic map. A developed area approximately 100 feet by 80 feet is shown on the 1947 topographic map and the 1952 aerial photograph, is shown approximately 1,000 feet south of the subject property. The area appears developed with small structures (e.g., utility-like shed and associated infrastructure). The structure appears to have been removed sometime prior to 1972, as it was no longer depicted on the topographic map. No significant development appears to have taken place in the vicinity of the subject property. No historical offsite sources of concern were identified. From the early 1900s, the surrounding areas appear to be similar to how it was observed at the time of AECOM’s site visit, except for the Barren Ridge Substation (date of construction unknown).
5.0 Database and Records Review

5.1 User Provided Information
AECOM contacted Ms. Jennifer Field with FPL Energy, LLC regarding her knowledge of title records, environmental liens, specialized knowledge, and/or real estate value reduction issues associated with the subject property. Ms. Field was not aware of environmental cleanup liens or activity use limitations that had been placed on the subject property. Ms. Field stated that she did not have specialized knowledge or experience that is material to recognized environmental conditions (RECs) in connection with the subject property. It was Ms. Field’s opinion that the purchase price of the subject property reflected its fair market value.

Mr. Field stated that it was her impression that the subject property has been vacant undeveloped land with no historical development. She was unaware of the specific chemicals, spills, chemical releases, or environmental cleanups that have taken place at the subject property. According to Ms. Field, it was her opinion that there were no obvious indicators pointing to the presence or likely presence of contamination at the subject property.

5.2 Title Records/Environmental Liens
AECOM subcontracted with EDR to perform an environmental lien search (ELS) of the subject property. According to an ELS report dated May 28, 2009, no environmental liens were identified for the subject property (APN 469-280-02). In addition, one activity or use limitations (AULs) were discovered in the environmental lien search, indicating “an easement and right-of-way to construct, use, maintain, operate, alter, add to, repair, replace, reconstruct, inspect, and remove at any time and from time to time overhead electrical supply systems and communication systems…” The easement is granted to Southern California Edison. A copy of the ELS report is provided in Appendix B.

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 EDR report 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 EDR report. Sites that could not be mapped by EDR were researched by AECOM during the site reconnaissance. A summary of the results of the EDR database search are presented below. A list of the databases searched and the search distances are provided in the EDR report. A copy of the database report is provided in Appendix C.

Based on AECOM's research, the subject property is not located on or within a one-mile radius of tribal lands.

5.3.1 Subject property
The subject property was not identified in the environmental database report.

5.3.2 Surrounding sites
None of the surrounding sites were identified in the environmental database report. The nearest environmental database listings (identified in the orphan summary) are for the Honda Proving Center located approximately four miles east, northeast of the subject property and the Jawbone Canyon Store
located approximately 4.5 miles north, northeast of the subject property. The Honda Proving Center is listed on the Haznet, UST/SWEEPS UST and AST databases, none of which are contamination-related databases. The Jawbone Canyon Store is listed in the Haznet, LUST, Cortese, and UST/HIST UST/SWEEPS UST databases. Based on its distance and down-gradient position relative to the subject property, as well as the closed case status of the LUST listing, it is AECOM’s opinion that the Jawbone Canyon Store does not present a REC for the subject property.

No additional offsite sources of concern were identified in the environmental database report, or during AECOM’s area reconnaissance.

5.4 Agency review

5.4.1 Department of Toxic Substances Control

AECOM reviewed the Department of Toxic Substances Control (DTSC) online EnviroStor database for California Cleanup Sites involving the DTSC. The EnviroStor database consists of federal NPL sites, state response sites, voluntary cleanup sites, and school cleanup sites. Based on a zip code search, no records were found for the subject property area.

5.4.2 Kern County Environmental Health Services Department

AECOM submitted a Freedom of Information Act (FOIA) request to the Kern County Environmental Health Services Department to determine if they have files related to onsite USTs and /or a historical hazardous materials release that may have occurred at the subject property. The agency indicated that their records search did not reveal information regarding environmental concerns at the subject property.

5.4.3 State Water Resources Control Board

AECOM conducted a records search regarding the subject property on the California Environmental Protection Agency’s State Water Resources Control Board online Geotracker database. The Geotracker database includes contaminated property investigations consisting of leaking underground fuel tank (LUFT), spills, leaks, investigations, and cleanups (SLIC), Land Disposal, Department of Defense (DOD) (non-UST), Wells, and USTs at sites throughout California. No records were found for the subject property.

5.4.4 United States Environmental Protection Agency

AECOM reviewed the US EPA’s Enforcement & Compliance History Online (ECHO), Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), and Envirofacts online databases. The ECHO database consists of US EPA compliance history at a site. The CERCLIS database consists of sites being assessed under the Superfund program (NPL sites), hazardous waste sites, and potential hazardous waste sites. The Envirofacts database retrieves information obtained from 17 national systems. No records were found for the subject property.
6.0 Conclusions and Recommendations

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the subject property. Any exception to, or deletions from, this practice are described in Section 1.0 of the report. No RECs, HREC, or de minimis conditions were identified. No additional assessment is recommended.
7.0 Quality Control/Quality Assurance

7.1 Site visit, research, and report preparation:
The site visit, research and report preparation were conducted by Ms. Cassandra Weir, Staff Specialist, in AECOM’s Camarillo, California office. Ms. Weir completed this report on June 5, 2009. Ms. Weir has over four years of environmental due diligence experience and has performed over fifty (50) Phase I ESAs of commercial and industrial properties in the western United States. Ms. Weir’s signature is below and her resume is included in Appendix D.

Signature: ___________________________
Cassandra Weir, Staff Specialist

7.2 Quality control review
A first level review of this report was conducted by Ms. Kirsten Bradford, Project Specialist, in AECOM’s Camarillo, California office. Ms. Bradford completed her review of this report on June 4, 2009. Ms. Bradford has six years of environmental due diligence experience. Her signature is below and her resume is included in Appendix D.

Signature: ___________________________
Kirsten Bradford, Project Specialist

A second level review of this report was conducted by Ms. Jim Fickerson, Project Manager, in AECOM’s Camarillo, California office. Mr. Fickerson completed his review of this report on June 5, 2009. Mr. Fickerson has over 15 years of environmental due diligence experience. His signature is below and his resume is included in Appendix D.

Signature: ___________________________
Jim Fickerson, Senior Project Manager

7.3 Environmental professional statement
Mr. Fickerson was the Environmental Professional (EP) for this project. His EP statement is below:

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 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 the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Signature: ___________________________
Date: June 5, 2009
8.0 References

8.1 Persons Interviewed/Agencies Contacted

Request for Public Records, Kern County, Environmental Health Services Department, Resource Management Agency, 2700 "M" Street, Suite 300, Bakersfield, California, 93301-2370. Request submitted May 26, 2009 via email to eh@co.kern.ca.us.

Stello, Joseph. Stello Real Estate, Inc., 1051 West Avenue M, Suite 206, Lancaster, CA 93534 – Broker that listed the property on behalf of the property owner (Estate of Emanuel Duke). Phone (661) 948-4741


8.2 Documents Reviewed


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


Kern County Assessor/Recorder. Property information reviewed online at: [http://assessor.co.kern.ca.us/propertysearch/index.php](http://assessor.co.kern.ca.us/propertysearch/index.php)

Kern County Environmental Health Services Department, Hazardous Materials (CUPA) Program, [http://www.co.kern.ca.us/eh/HazMatPage.asp](http://www.co.kern.ca.us/eh/HazMatPage.asp).


FIGURES
Beacon Solar, LLC
97.75 Acres of Desert Land, Highway 14, Fremont Valley, Kern County, California
Mojave NE, CA Quadrangle, 1994

Site Location Map

Figure 1
APPENDIX A
Representative Site Photographs
Photo Number 1 – Facing southwest. View of the subject property from the northwest corner.

Photo Number 2 – Facing northwest. View of the subject property from the southeast corner.
Photo Number 3 – Facing northeast. View of the subject property from the southwest corner.

Photo Number 4 – Facing south. View of the Barren Ridge Substation located adjacent to the south of the subject property, near the southwestern portion of the subject property.
Photo Number 5 – Facing northwest. View of the Southern California Edison easement and overhead transmission power lines bisecting the western half of the subject property.

Photo Number 6 – Facing east. View of Highway 14 and the east adjacent open desert land.
Photo Number 7 – Facing south. View of the south adjacent land from the center of the southern border of the subject property.

Photo Number 8 – Facing west. View of the west adjacent land from the eastern border of the subject property.
Photo Number 9 – Facing north. View of the north adjacent land from the center of the northern border of the subject property.

Photo Number 10 – Facing south. View of Highway 14, access road, and the subject property.
APPENDIX B
Environmental Lien Search
Duke
Highway 14
Freemont Valley, CA 93519

Inquiry Number: 2505205.1
May 28, 2009

The EDR Environmental LienSearch™ Report
The EDR Environmental LienSearch™ Report

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

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

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

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

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The EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS
Highway 14
Duke
Freemont Valley, CA  93519

RESEARCH SOURCE
Source 1:
Kern Recorder
KERN, CA

PROPERTY INFORMATION
Deed 1:
Type of Deed: deed
Title is vested in: Estate of Emanuel Duke
Title received from: First Independent Trust Deed Services
Deed Dated: 4/12/1996
Deed Recorded: 4/25/1996
Book: NA
Page: na
Volume: na
Instrument: na
Docket: NA
Land Record Comments: See Exhibit
Miscellaneous Comments: na
Legal Description: See Exhibit
Legal Current Owner: Estate of Emanuel Duke
Property Identifiers: 469-280-02
Comments: See Exhibit

ENVIRONMENTAL LIEN
Environmental Lien: Found ☐ Not Found ☒
If found:
1st Party:
2nd Party:
Dated:
Recorded:
Book:
Page:
Docket:
The EDR Environmental LienSearch™ Report

Volume:
Instrument:
Comments:
Miscellaneous Comments:

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

If found:
1st Party: na
2nd Party: na
Dated: 2/27/2008
Recorded: 2/27/2008
Book: NA
Page: na
Docket: NA
Volume: na
Instrument: na
Comments: See Exhibit
Miscellaneous Comments: na
Deed Exhibit 1
TRUSTEE'S DEED UPON SALE

DOCUMENTARY TRANSFER TAX IS COMPUTED ON FULL VALUE LESS LIENS AND ENCUMBRANCES REMAINING AT TIME OF SALE

AMOUNT OF CONSIDERATION $1,311,358.46
AMOUNT OF UNPAID DEBT $1,311,358.46

GRANTEE IS IDENTIFIED AS THE BENEFICIARY.

FIRST INDEPENDENT TRUST DEED SERVICES, A CALIFORNIA CORPORATION, Trustee, (herein called Trustee) does hereby GRANT and CONVEY to DAPHNE DUKE, EXECUTRIX OF THE ESTATE OF EMANUEL DUKE, (herein called Grantee), all right, title and interest conveyed to and now held by it as Trustee under the Deed of Trust to sell to the property situated in the County of Kern, State of California, described as follows:

SEE ATTACHED EXHIBIT "A"

This conveyance is made in compliance with the terms and provisions of the Deed of Trust executed by BARBARA FRANTZ, A SINGLE WOMAN and recorded on 06/12/1998, in Book 6334 Page 2422 Instrument Number 103843 of Official records, in the office of the Recorder of KERN County, California, under the authority and powers vested in the Trustee designated in the Deed of Trust, the default having occurred under the Deed of Trust and pursuant to the Notice of Default and Election to Sell under the Deed of Trust recorded 11/11/1999, in Book 10701 Page 7924 of Official records, Trustee having complied with all applicable statutory requirements of the State of California and performed all duties required by the Deed of

Mail tax bill to the above

Trustee's Docket 79130-990
TRUSTEE'S DEED UPON SALE

LOAN: FRANTZ
A.P. NUMBER

Trust including setting of a Notice of Default and Election to SELL within 10 days after its recording and a Notice of Sale at least 20 days prior to the Sale Date by certified mail, postage pre-paid in each person entitled to notice in compliance with California Civil Code 2924b.

Notice of Trustee's Sale was published once a week for three consecutive weeks commencing 12/15/1996 in MOUNTAIN ENTERPRISE, a newspaper, and at least 20 days before the date fixed therein for sale a copy of the Notice of Trustee's Sale was posted in a conspicuous place on the property described above and in one public place in the city where the sale was to be held. At the time and place fixed in said notice, Trustee did, by public announcement, and as said provided, pursue the sale from time to time thereafter and did sell the property described above on 04/12/1996 at public auction to the Grantor herein, Grantor being the highest qualified bidder thereafter, for $121,338.66 cash, lawful money of the United States, or by the satisfaction of the indebtedness then secured by said Deed of Trust.

In WITNESS WHEREOF, FIRST INDEPENDENT TRUST DEED SERVICES, A CALIFORNIA CORPORATION, as the Trustee, has this day, 04/12/1996 caused its name to be hereunto affixed by its officer hereunto duly authorized by its Corporation By-Laws.

FIRST INDEPENDENT TRUST DEED SERVICES, A CALIFORNIA CORPORATION, as said Trustee

By

By

LESLIE LEGGITT
PRESIDENT

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES

On 04/12/1996, before me, the undersigned, a Notary Public for said State, personally appeared
LESLIE LEGGITT
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

LYNN HOLCOTT

(Seal)

Tranter's Deed NYC-02 (6N)
PARCEL 1:

THE NORTH HALF OF LOT 1 OF THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO BASE AND MERIDIAN, IN THE COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLOT THEREOF.

EXCEPTING THEREFROM ALL THAT PORTION OF THE NORTH HALF OF LOTS 1 AND 2 OF THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO BASE AND MERIDIAN, IN THE COUNTY OF KERN, STATE OF CALIFORNIA, DESCRIBED IN DEED RECORDED IN BOOK 4123, PAGE 804 OF OFFICIAL RECORDS OF KERN COUNTY LYING WITHIN A STRIP OF LAND 250 FEET IN WIDTH, THE SIDELINES OF SAID STRIP OF LAND BEING PARALLEL WITH AND DISTANT SOUTHEASTERLY 75 FEET AND THE NORTHEASTERLY 175 FEET, MEASURED AT RIGHT ANGLES, FROM THAT CERTAIN LINE DESCRIBED IN SUPERIOR COURT CASE NO. 52961, RECORDED IN BOOK 1598, PAGE 429 OF SAID OFFICIAL RECORDS, A PORTION OF THAT SAID CERTAIN LINE BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE SOUTH LINE OF SECTION 13, TOWNSHIP 31 SOUTH, RANGE 36 EAST, MOUNT DIABLO BASE AND MERIDIAN, IN THE COUNTY OF KERN, STATE OF CALIFORNIA, DISTANT THEREON NORTH 89 DEGREES 39' 39" WEST, 494.39 FEET FROM AN IRON PIPE WITH BRASS CAP SET TO MARK THE SOUTHEASTERLY CORNER OF SAID SECTION 13; THENCE FROM SAID POINT OF BEGINNING NORTH 23 DEGREES 57' 13" EAST, 6290.99 FEET TO A POINT ON THE NORTH LINE OF SAID SECTION 18, DISTANT THEREON NORTH 89 DEGREES 36' 51" EAST, 1388.86 FEET FROM AN IRON PIPE WITH BRASS CAP SET TO MARK THE NORTHWEST CORNER OF SAID SECTION 18, THE SIDELINES OF SAID STRIP OF LAND BEING PROLONGED AND SHORTENED, RESPECTIVELY, SO AS TO TERMINATE IN THE SAID NORTH LINE OF SECTION 18.

PARCEL 2:

THE NORTH HALF OF LOT 2 OF THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO BASE AND MERIDIAN, IN THE COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLOT THEREOF.

EXCEPTING THEREFROM ALL THAT PORTION OF THE NORTH HALF OF LOTS 1 AND 2 OF THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO BASE AND MERIDIAN, IN THE COUNTY OF KERN, STATE OF CALIFORNIA, DESCRIBED IN DEED RECORDED IN BOOK 4123, PAGE 804, OFFICIAL RECORDS OF KERN COUNTY, LYING WITHIN A STRIP OF LAND 250 FEET IN WIDTH, THE SIDELINES OF SAID STRIP OF LAND BEING PARALLEL WITH THE DISTANT SOUTHEASTERLY 75 FEET AND THE NORTHEASTERLY 175 FEET, MEASURED AT RIGHT ANGLES, FROM THAT CERTAIN LINE DESCRIBED IN SUPERIOR COURT CASE NO. 52961, RECORDED IN BOOK 1598, PAGE 429 OF SAID OFFICIAL RECORDS, A PORTION OF THAT SAID CERTAIN LINE BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE SOUTH LINE OF SECTION 13, TOWNSHIP 31 SOUTH, RANGE 36 EAST, MOUNT DIABLO BASE AND MERIDIAN, IN THE COUNTY OF KERN, STATE OF CALIFORNIA, DISTANT THEREON NORTH 89 DEGREES 39' 39" WEST, 494.39 FEET FROM AN IRON PIPE WITH BRASS CAP SET TO MARK THE SOUTHEAST CORNER OF SAID SECTION 13; THENCE FROM SAID POINT OF BEGINNING NORTH 23 DEGREES 57' 13" EAST, 6290.99 FEET TO A POINT ON THE NORTH LINE OF SAID SECTION 18, DISTANT THEREON NORTH 89 DEGREES 36' 51" EAST, 1388.86 FEET FROM AN IRON PIPE WITH BRASS CAP SET TO MARK THE NORTHWEST CORNER OF SAID SECTION 18, THE SIDELINES OF SAID STRIP OF LAND BEING PROLONGED AND SHORTENED, RESPECTIVELY, SO AS TO TERMINATE IN THE SAID NORTH LINE OF SECTION 18.
PARCEL 3:

THAT PORTION OF THE NORTH HALF OF THE NORTHEAST QUARTER OF SECTION 19, TOWNSHIP 31 SOUTH, RANGE 37 EAST, MOUNT DIABLO BASE AND MERIDIAN, IN THE COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF Lying WESTERLY OF THE CENTER LINE OF THAT CERTAIN STRIP OF LAND OVER WHICH AN EASEMENT FOR HIGHWAY NO. IX-KER-23-B WAS CONVEYED TO THE STATE OF CALIFORNIA BY ED C. KAPING AND JULIA I. KAPING, HUSBAND AND WIFE, BY DEED RECORDED MARCH 15, 1929, IN BOOK 291, PAGE 241, OFFICIAL RECORDS.

EXCEPT THEREFROM ALL OIL, GAS, AND OTHER HYDROCARBONS OF A KINDRED NATURE BY WHATEVER NAME OF NAMES CALLED, TOGETHER WITH MINERALS IN OR UNDER SAID LAND, TOGETHER WITH ALL RIGHTS TO EXPLORE FOR AND REMOVE THE SAME AND THE EXCLUSIVE RIGHT TO DRILL INTO AND THROUGH THE SUBSURFACE AND THE EXCLUSIVE RIGHT TO MAINTAIN SHAFTS, PIPES, AND OTHER MEANS OF CONNECTION TO EXPLORE FOR AND REMOVE LIKE SUBSTANCES IN OTHER AREAS IN AND THROUGH THE SUBSURFACE OF SAID REAL PROPERTY AS GRANTED IN A DEED RECORDED JANUARY 12, 1990 AS INSTRUMENT NO. 005044 IN BOOK 6334 PAGE 2426, OFFICIAL RECORDS.

PURPORTED ADDRESS: VACANT LAND PER TAX ROLL

A.P.N.: 469-280-02
ACTIVITY AND USE LIMITATIONS (AULS) EXHIBITS
DEIRDRE DUKE, EXECUTRIX OF THE ESTATE OF EMANUEL DUKE (hereinafter referred to as "Grantor"), hereby grants to SOUTHERN CALIFORNIA EDISON COMPANY, a corporation, its successors and assigns (hereinafter referred to as "Grantee"), an easement and right of way to construct, use, maintain, operate, alter, add to, repair, replace, reconstruct, inspect and remove at any time and from time to time overhead electrical supply systems and communication systems (hereinafter referred to as "systems"), consisting of poles, guy wires and anchors, crossarms, wires, and other appurtenant fixtures and/or equipment necessary or useful for distributing electrical energy and for transmitting intelligence by electrical means, in, on, over, across and along that certain real property in the County of Kern, State of California, described as follows:

The Southerly 15.00 feet of the Easterly 2070.00 feet of that portion of the North half of Section 18, Township 31 South, Range 37 East, Mount Diablo Meridian, according to the Official Plat thereof described in a Deed to Daphne Duke recorded April 25, 1996 in Document No. 0196052874 of Official Records in the office of the County Recorder of said county, together with the Easterly 15.00 feet of the Southerly 30.00 feet of the North half of Government Lot 2 in the Northwest quarter of said Section 18.

This legal description was prepared pursuant to Sec. 8730(e) of the Business & Professions Code.

Grantor hereby also grants to Grantee, its successors and assigns, and its and their contractors, agents and employees, the right of free access to said systems and facilities and every part thereof, at all times, for the purpose of exercising the rights herein granted, and the right to clear and to keep clear the above described real property, free from explosives, buildings, equipment, brush, combustible material and any and all other obstructions of any kind, and the right to trim or remove any tree or shrub which, in the opinion of Grantee, may endanger said systems and facilities, or any part thereof, or interfere with the exercise of the rights herein granted.
EXECUTED this 29 day of January 2008

GRANTOR

DEIRDRE DUKE, EXECUTRIX OF THE ESTATE OF EMANUEL DUKE

Deirdre Duke

State of California
County of Los Angeles

On 1-29-08 before me, Rachelle A. Little, a notary public, personally (here insert name and title of the officer)

appeared Deirdre Duke, Executrix of the Estate of Emanuel Duke, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.

Signature: Rachelle A. Little

RACHELLE A. LITTLE
CON. # 1612767
NOTARY PUBLIC, CALIFORNIA
LOS ANGELES COUNTY
(appointment expires Oct. 14, 2009)
APPENDIX C
Environmental Database Report
Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report “AS IS”. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA’s Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS
HIGHWAY 14
FREEMONT VALLEY, CA 93519

COORDINATES

Latitude (North): 35.241700 - 35˚ 14’ 30.1”
Longitude (West): 118.050300 - 118˚ 3’ 1.1”
Universal Tranverse Mercator: Zone 11
UTM X (Meters): 404437.0
UTM Y (Meters): 3900154.2
Elevation: 2355 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 35118-B1 MOJAVE NE, CA
Most Recent Revision: 1994

North Map: 35118-C1 CINCO, CA
Most Recent Revision: 1994

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
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 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 - Transporters, Storage and Disposal

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

Federal institutional controls / engineering controls registries
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 landfill and/or solid waste disposal site lists
SWF/LF, Solid Waste Information System

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

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

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

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists
- US BROWNFIELD: 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
- HAULER: 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

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
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
CA WDS .................. Waste Discharge System
NPDDES .................. NPDES Permits Listing
Cortese .................. "Cortese" Hazardous Waste & Substances Sites List
HIST CORTES .... Hazardous Waste & Substance Site List
Notify 65 ................ Proposition 65 Records
DRYCLEANERS ......... Cleaner Facilities
WIP ...................... Well Investigation Program Case List
HAZNET. ................. Facility and Manifest Data
EMI. ..................... Emissions Inventory Data
INDIAN RESERV. ....... Indian Reservations
SCRD DRYCLEANERS .... State Coalition for Remediation of Drycleaners Listing

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 not identified.

Unmappable (orphan) sites are not considered in the foregoing analysis.
Due to poor or inadequate address information, the following sites were not mapped:

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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: Duke
ADDRESS: Highway 14
Freemont Valley CA 93519
LAT/LONG: 35.2417 / 118.0503

CLIENT: ENSR Consulting & Engineering
CONTACT: Cassandra Weir
INQUIRY #: 02502173.2r
DATE: May 22, 2009 2:57 pm
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

Legend:
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

Areas of Concern

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

SITE NAME: Duke
ADDRESS: Highway 14
Freemont Valley CA 93519
LAT/LONG: 35.2417 / 118.0503

CLIENT: ENSR Consulting & Engineering
CONTACT: Cassandra Weir
INQUIRY #: 02502173.2r
DATE: May 22, 2009 2:57 pm

## MAP FINDINGS SUMMARY

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### EDR PROPRIETARY RECORDS

**EDR Proprietary Records**

- Manufactured Gas Plants: 1.000
- EDR Historical Auto Stations: 0.250
- EDR Historical Cleaners: 0.250

### NOTES:

- TP = Target Property
- NR = Not Requested at this Search Distance
- Sites may be listed in more than one database
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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.

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Number of Days to Update: 46

Date Data Arrived at EDR: 02/12/2009

Date Made Active in Reports: 03/30/2009

Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/27/2009

Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA’s Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

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Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/27/2009

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.

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Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009

Data Release Frequency: No Update Planned
Federal Delisted NPL site list

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

Date of Government Version: 02/02/2009  Source: EPA  
Date Data Arrived at EDR: 02/12/2009  Telephone: N/A  
Date Made Active in Reports: 03/30/2009  Last EDR Contact: 04/20/2009  
Number of Days to Update: 46  Next Scheduled EDR Contact: 07/27/2009  
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: 01/09/2009  Source: EPA  
Date Data Arrived at EDR: 01/30/2009  Telephone: 703-412-9810  
Date Made Active in Reports: 05/11/2009  Last EDR Contact: 05/15/2009  
Number of Days to Update: 101  Next Scheduled EDR Contact: 07/13/2009  
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA’s knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/03/2007  Source: EPA  
Date Data Arrived at EDR: 12/06/2007  Telephone: 703-412-9810  
Date Made Active in Reports: 02/20/2008  Last EDR Contact: 03/16/2009  
Number of Days to Update: 76  Next Scheduled EDR Contact: 06/15/2009  
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

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

Date of Government Version: 03/25/2009  Source: EPA  
Date Data Arrived at EDR: 04/02/2009  Telephone: 800-424-9346  
Date Made Active in Reports: 05/11/2009  Last EDR Contact: 03/03/2009  
Number of Days to Update: 39  Next Scheduled EDR Contact: 06/01/2009  
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, 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 oft site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.
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**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.

<table>
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<tr>
<th>Date of Government Version</th>
<th>Source: Environmental Protection Agency</th>
<th>Telephone: (415) 495-8895</th>
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<td>Number of Days to Update:</td>
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</table>

**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.

<table>
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<th>Date of Government Version</th>
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<th>Telephone: (415) 495-8895</th>
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**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.

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<td>Number of Days to Update:</td>
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</table>

**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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Environmental Protection Agency</th>
<th>Telephone: 703-603-0695</th>
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<tr>
<td>Number of Days to Update:</td>
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</tbody>
</table>

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: 03/31/2009  Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/22/2009  Telephone: 703-603-0695
Date Made Active in Reports: 05/05/2009  Last EDR Contact: 03/30/2009
Number of Days to Update: 13  Next Scheduled EDR Contact: 06/29/2009
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: 12/31/2008  Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/30/2009  Telephone: 202-267-2180
Date Made Active in Reports: 05/19/2009  Last EDR Contact: 05/12/2009
Number of Days to Update: 109  Next Scheduled EDR Contact: 07/20/2009
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: 02/23/2009  Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/24/2009  Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009  Last EDR Contact: 02/24/2009
Number of Days to Update: 43  Next Scheduled EDR Contact: 05/25/2009
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.

Date of Government Version: 02/23/2009  Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/24/2009  Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009  Last EDR Contact: 02/24/2009
Number of Days to Update: 43  Next Scheduled EDR Contact: 05/25/2009
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:** 03/09/2009  
**Date Data Arrived at EDR:** 03/10/2009  
**Date Made Active in Reports:** 04/08/2009  
**Number of Days to Update:** 29  
**Source:** Integrated Waste Management Board  
**Telephone:** 916-341-6320  
**Last EDR Contact:** 03/10/2009  
**Next Scheduled EDR Contact:** 06/08/2009  
**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:** 04/13/2009  
**Next Scheduled EDR Contact:** 07/13/2009  
**Data Release Frequency:** No Update Planned

**LUST REG 8:** Leaking Underground Storage Tanks  
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board’s LUST database.

**Date of Government Version:** 02/14/2005  
**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:** 05/04/2009  
**Next Scheduled EDR Contact:** 08/03/2009  
**Data Release Frequency:** Varies

**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:** 03/03/2009  
**Next Scheduled EDR Contact:** 06/01/2009  
**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:** 05/18/2009  
**Next Scheduled EDR Contact:** 08/17/2009  
**Data Release Frequency:** No Update Planned

**LUST REG 6V:** Leaking Underground Storage Tank Case Listing  

**Date of Government Version:** 06/07/2005  
**Date Data Arrived at EDR:** 06/07/2005  
**Date Made Active in Reports:** 06/29/2005  
**Number of Days to Update:** 22  
**Source:** California Regional Water Quality Control Board Victorville Branch Office (6)  
**Telephone:** 760-241-7365  
**Last EDR Contact:** 03/30/2009  
**Next Scheduled EDR Contact:** 06/29/2009  
**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.
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.

LUST REG 2: Fuel Leak List

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

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.

LUST REG 5: Leaking Underground Storage Tank Databaase

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.
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.

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.

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.

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.

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.

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.
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<th>Date of Government Version: 09/07/2004</th>
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<th>SLIC REG 8: Spills, Leaks, Investigation &amp; Cleanup Cost Recovery Listing</th>
<th>Date of Government Version: 04/03/2008</th>
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**INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

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<th>Date of Government Version: 12/15/2008</th>
<th>Source: Environmental Protection Agency</th>
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<td>Date Data Arrived at EDR: 12/16/2008</td>
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**INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in New Mexico and Oklahoma.

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<th>Date of Government Version: 02/15/2009</th>
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<td>Date Made Active in Reports: 03/16/2009</td>
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INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
Date of Government Version: 03/03/2009  Source: EPA Region 10
Date Data Arrived at EDR: 03/04/2009  Telephone: 206-553-2857
Date Made Active in Reports: 03/30/2009  Last EDR Contact: 05/17/2009
Number of Days to Update: 26  Next Scheduled EDR Contact: 08/17/2009
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: 04/01/2008  Source: EPA Region 7
Date Data Arrived at EDR: 12/03/2008  Telephone: 913-551-7003
Date Made Active in Reports: 12/23/2008  Last EDR Contact: 05/20/2009
Number of Days to Update: 20  Next Scheduled EDR Contact: 08/17/2009
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: 03/13/2009  Source: EPA Region 8
Date Data Arrived at EDR: 03/17/2009  Telephone: 303-312-6271
Date Made Active in Reports: 03/30/2009  Last EDR Contact: 05/17/2009
Number of Days to Update: 13  Next Scheduled EDR Contact: 08/17/2009
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: 02/19/2009  Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009  Telephone: 617-918-1313
Date Made Active in Reports: 03/01/2009  Last EDR Contact: 05/17/2009
Number of Days to Update: 13  Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.
Date of Government Version: 02/24/2009  Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2009  Telephone: 404-562-8677
Date Made Active in Reports: 05/05/2009  Last EDR Contact: 05/17/2009
Number of Days to Update: 63  Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies
Date of Government Version: 04/08/2009  Source: SWRCB
Date Data Arrived at EDR: 04/08/2009  Telephone: 916-480-1028
Date Made Active in Reports: 05/14/2009  Last EDR Contact: 04/08/2009
Number of Days to Update: 36  Next Scheduled EDR Contact: 07/06/2009
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.
Date of Government Version: 11/01/2007  Source: State Water Resources Control Board
Date Data Arrived at EDR: 02/10/2009  Telephone: 916-341-5712
Date Made Active in Reports: 04/14/2009  Last EDR Contact: 05/11/2009
Number of Days to Update: 63  Next Scheduled EDR Contact: 07/27/2009
Data Release Frequency: Quarterly
INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).
Date of Government Version: 02/19/2009  Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009  Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009  Last EDR Contact: 05/17/2009
Number of Days to Update: 25  Next Scheduled EDR Contact: 08/17/2009
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: 02/24/2009  Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2009  Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2009  Last EDR Contact: 05/17/2009
Number of Days to Update: 63  Next Scheduled EDR Contact: 08/17/2009
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: 09/08/2008  Source: EPA Region 5
Date Data Arrived at EDR: 09/19/2008  Telephone: 312-886-6136
Date Made Active in Reports: 10/16/2008  Last EDR Contact: 05/17/2009
Number of Days to Update: 27  Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).
Date of Government Version: 04/06/2009  Source: EPA Region 6
Date Data Arrived at EDR: 04/07/2009  Telephone: 214-665-7591
Date Made Active in Reports: 05/11/2009  Last EDR Contact: 05/17/2009
Number of Days to Update: 34  Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).
Date of Government Version: 04/01/2008  Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008  Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009  Last EDR Contact: 05/22/2009
Number of Days to Update: 76  Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).
Date of Government Version: 03/13/2009  Source: EPA Region 8
Date Data Arrived at EDR: 03/17/2009  Telephone: 303-312-6137
Date Made Active in Reports: 03/30/2009  Last EDR Contact: 05/17/2009
Number of Days to Update: 13  Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly
INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 03/03/2009
Date Data Arrived at EDR: 03/04/2009
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 26
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/15/2008
Date Data Arrived at EDR: 12/16/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 90
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

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: 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: 04/02/2008
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 1
Telephone: 617-918-1102
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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

Date of Government Version: 02/23/2009
Date Data Arrived at EDR: 02/24/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 43
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/24/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: Quarterly

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.

Local Lists of Landfill / Solid Waste Disposal Sites

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.

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.

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.

SWRCY: Recycler Database
A listing of recycling facilities in California.
HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.
Date of Government Version: 04/07/2009
Source: Integrated Waste Management Board
Date Data Arrived at EDR: 04/07/2009
Telephone: 916-341-6422
Date Made Active in Reports: 05/11/2009
Last EDR Contact: 04/07/2009
Number of Days to Update: 34
Next Scheduled EDR Contact: 06/08/2009
Data Release Frequency: Varies

INDIAN OD: 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: 02/23/2009
Number of Days to Update: 52
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 07/01/2008
Source: Drug Enforcement Administration
Date Data Arrived at EDR: 10/31/2008
Telephone: 202-307-1000
Date Made Active in Reports: 12/23/2008
Last EDR Contact: 03/26/2009
Number of Days to Update: 53
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California
EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the
state agency. It has been replaced by ENVIROSTOR.
Date of Government Version: 08/08/2005
Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006
Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006
Last EDR Contact: 02/23/2009
Number of Days to Update: 21
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous
materials contamination. In some cases, these properties may be listed in the CalSites category depending on the
level of threat to public health and safety or the environment they pose.
Date of Government Version: 02/23/2009
Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/24/2009
Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009
Last EDR Contact: 02/24/2009
Number of Days to Update: 43
Next Scheduled EDR Contact: 05/25/2009
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.
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.

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.

Local Land Records
LIENS: 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.

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

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

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

HMIRS: Hazardous Materials Information Reporting System
HMIRS contains hazardous material spill incidents reported to DOT.

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING
CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

- Date of Government Version: 12/31/2007
- Date Data Arrived at EDR: 05/09/2008
- Date Made Active in Reports: 06/20/2008
- Number of Days to Update: 42
- Source: Office of Emergency Services
- Telephone: 916-845-8400
- Last EDR Contact: 05/18/2009
- Next Scheduled EDR Contact: 08/17/2009
- Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

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

- Date of Government Version: 04/08/2009
- Date Data Arrived at EDR: 04/08/2009
- Date Made Active in Reports: 05/11/2009
- Number of Days to Update: 33
- Source: State Water Quality Control Board
- Telephone: 866-480-1028
- Last EDR Contact: 04/08/2009
- Next Scheduled EDR Contact: 07/06/2009
- 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: 04/08/2009
- Date Data Arrived at EDR: 04/08/2009
- Date Made Active in Reports: 05/11/2009
- Number of Days to Update: 33
- Source: State Water Resources Control Board
- Telephone: 866-480-1028
- Last EDR Contact: 04/08/2009
- Next Scheduled EDR Contact: 07/06/2009
- Data Release Frequency: Quarterly

OtherAscertainableRecords

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: 11/12/2008
- Date Data Arrived at EDR: 11/18/2008
- Date Made Active in Reports: 03/16/2009
- Number of Days to Update: 118
- Source: Environmental Protection Agency
- Telephone: (415) 495-8895
- Last EDR Contact: 04/23/2009
- Next Scheduled EDR Contact: 07/20/2009
- 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: 05/14/2008
- Date Data Arrived at EDR: 05/28/2008
- Date Made Active in Reports: 08/08/2008
- Number of Days to Update: 72
- Source: Department of Transporation, Office of Pipeline Safety
- Telephone: 202-366-4595
- Last EDR Contact: 02/24/2009
- Next Scheduled EDR Contact: 05/25/2009
- Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administrated 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.
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: 12/31/2007  
Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285

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: 01/27/2009  
Source: Department of Justice, Consent Decree Library  
Telephone: Varies

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

Date of Government Version: 01/05/2009  
Source: Department of Energy  
Telephone: 505-845-0011

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: 02/19/2009  
Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5859

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.
TSCA: 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.

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.

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.

HIST FTTS INSPIR: 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.
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.

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.

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.

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.

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.
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: 04/28/2009  Source: EPA
Date Data Arrived at EDR: 05/01/2009  Telephone: (415) 947-8000
Date Made Active in Reports: 05/19/2009  Last EDR Contact: 03/30/2009
Number of Days to Update: 18  Next Scheduled EDR Contact: 06/29/2009
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: 12/31/2007  Source: EPA/NTIS
Date Data Arrived at EDR: 02/19/2009  Telephone: 800-424-9346
Date Made Active in Reports: 05/22/2009  Last EDR Contact: 02/19/2009
Number of Days to Update: 92
Next Scheduled EDR Contact: 06/08/2009
Data Release Frequency: Biennially

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

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

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 03/09/2009  Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/13/2009  Telephone: 916-445-9379
Date Made Active in Reports: 04/08/2009  Last EDR Contact: 03/13/2009
Number of Days to Update: 26
Next Scheduled EDR Contact: 06/08/2009
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.
### Date of Government Version: 06/19/2007
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 03/16/2009
Next Scheduled EDR Contact: 06/15/2009
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: 04/20/2009
- Source: CAL EPA/Office of Emergency Information
- Telephone: 916-323-3400
- Last EDR Contact: 04/22/2009
- Next Scheduled EDR Contact: 07/20/2009
- 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 [CALITES].

- Date of Government Version: 04/01/2001
- 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
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

- Date of Government Version: 10/21/1993
- Source: State Water Resources Control Board
- Telephone: 916-445-3846
- Last EDR Contact: 04/13/2009
- Next Scheduled EDR Contact: 07/13/2009
- Data Release Frequency: No Update Planned

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

- Date of Government Version: 05/06/2009
- Source: Department of Toxic Substance Control
- Telephone: 916-327-4498
- Last EDR Contact: 04/17/2009
- Next Scheduled EDR Contact: 03/30/2009
- 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: 03/31/2009
- Source: Los Angeles Water Quality Control Board
- Telephone: 213-576-6726
- Last EDR Contact: 04/24/2009
- Next Scheduled EDR Contact: 07/20/2009
- 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.
EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

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.

FEDLAND: Federal and Indian Lands

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.
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.

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.

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).

Underground Tanks
Underground storage tank sites located in Alameda county.

CONTRA COSTA COUNTY:
Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/24/2009  
Source: Contra Costa Health Services Department
Date Data Arrived at EDR: 02/25/2009  
Telephone: 925-646-2286
Date Made Active in Reports: 04/08/2009  
Last EDR Contact: 02/23/2009
Number of Days to Update: 42  
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

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

Date of Government Version: 04/17/2009  
Source: Dept. of Community Health
Date Data Arrived at EDR: 04/17/2009  
Telephone: 559-445-3271
Date Made Active in Reports: 05/11/2009  
Last EDR Contact: 05/04/2009
Number of Days to Update: 24  
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

KERN COUNTY:

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

Date of Government Version: 03/30/2009  
Source: Kern County Environment Health Services Department
Date Data Arrived at EDR: 03/31/2009  
Telephone: 661-862-8700
Date Made Active in Reports: 04/09/2009  
Last EDR Contact: 03/30/2009
Number of Days to Update: 9  
Next Scheduled EDR Contact: 06/01/2009
Data Release Frequency: Quarterly

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: 12/31/1998  
Source: EPA Region 9
Date Data Arrived at EDR: 07/07/1999  
Telephone: 415-972-3178
Date Made Active in Reports: N/A  
Last EDR Contact: 04/13/2009
Number of Days to Update: 0  
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/26/2008  
Source: Department of Public Works
Date Data Arrived at EDR: 01/27/2009  
Telephone: 626-458-3517
Date Made Active in Reports: 04/08/2009  
Last EDR Contact: 05/1/2009
Number of Days to Update: 71  
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.
City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

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

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

MARIN COUNTY:
Underground Storage Tank Sites
Currently permitted USTs in Marin County.

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: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Semi-Annually

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

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Annually

ORANGE COUNTY:

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

Date of Government Version: 03/02/2009
Date Data Arrived at EDR: 03/18/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 21
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/05/2009
Next Scheduled EDR Contact: 06/01/2009
Data Release Frequency: Annually

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

Date of Government Version: 03/02/2009
Date Data Arrived at EDR: 03/27/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 12
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/05/2009
Next Scheduled EDR Contact: 06/01/2009
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 03/02/2009
Date Data Arrived at EDR: 03/18/2009
Date Made Active in Reports: 04/09/2009
Number of Days to Update: 22
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: 06/01/2009
Data Release Frequency: Quarterly

PLACER COUNTY:

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

Date of Government Version: 04/27/2009
Date Data Arrived at EDR: 04/28/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 13
Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 04/03/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Semi-Annually

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

- Date of Government Version: 04/14/2009
- Date Data Arrived at EDR: 04/15/2009
- Date Made Active in Reports: 05/11/2009
- Number of Days to Update: 26
- Last EDR Contact: 04/13/2009
- Next Scheduled EDR Contact: 07/13/2009
- Data Release Frequency: Quarterly

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

- Date of Government Version: 05/06/2009
- Date Data Arrived at EDR: 05/07/2009
- Date Made Active in Reports: 05/14/2009
- Number of Days to Update: 7
- Last EDR Contact: 04/13/2009
- Next Scheduled EDR Contact: 07/13/2009
- Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

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

- Date of Government Version: 02/04/2009
- Date Data Arrived at EDR: 04/29/2009
- Date Made Active in Reports: 05/11/2009
- Number of Days to Update: 12
- Last EDR Contact: 04/29/2009
- Next Scheduled EDR Contact: 07/27/2009
- Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

- Date of Government Version: 02/04/2009
- Date Data Arrived at EDR: 04/29/2009
- Date Made Active in Reports: 05/11/2009
- Number of Days to Update: 12
- Last EDR Contact: 04/29/2009
- Next Scheduled EDR Contact: 07/27/2009
- 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: 04/08/2009
- Date Data Arrived at EDR: 04/08/2009
- Date Made Active in Reports: 05/11/2009
- Number of Days to Update: 33
- Last EDR Contact: 03/03/2009
- Next Scheduled EDR Contact: 06/01/2009
- 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.)
Solid Waste Facilities
San Diego County Solid Waste Facilities.

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

SAN FRANCISCO COUNTY:

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

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

SAN JOAQUIN COUNTY:

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

SAN MATEO COUNTY:
Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/29/2009
Date Data Arrived at EDR: 05/01/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 10

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

Date of Government Version: 04/07/2009
Date Data Arrived at EDR: 04/07/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 34

SANTA CLARA COUNTY:

HIST LUST - Fuel 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

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

Date of Government Version: 12/29/2008
Date Data Arrived at EDR: 12/29/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 29

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 03/03/2009
Date Data Arrived at EDR: 03/03/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 36

SOLANO COUNTY:

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

Date of Government Version: 03/23/2009
Date Data Arrived at EDR: 04/07/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 34

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING
Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/23/2009
Date Data Arrived at EDR: 04/10/2009
Date Made Active in Reports: 05/14/2009
Number of Days to Update: 34

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Quarterly

SONOMA COUNTY:

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

Date of Government Version: 04/20/2009
Date Data Arrived at EDR: 04/21/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 20

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Quarterly

SUTTER COUNTY:

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

Date of Government Version: 04/01/2009
Date Data Arrived at EDR: 04/02/2009
Date Made Active in Reports: 04/09/2009
Number of Days to Update: 7

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
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: 02/26/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 8

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/10/2009
Next Scheduled EDR Contact: 06/08/2009
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: 08/01/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/18/2008
Number of Days to Update: 14

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
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: 06/09/2009
Next Scheduled EDR Contact: 06/08/2009
Data Release Frequency: Quarterly
Underground Tank Closed Sites List

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

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/08/2009
Date Made Active in Reports: 05/14/2009
Number of Days to Update: 36
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/08/2009
Next Scheduled EDR Contact: 07/06/2009
Data Release Frequency: Quarterly

YOLO COUNTY:

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

Date of Government Version: 04/21/2009
Date Data Arrived at EDR: 05/06/2009
Date Made Active in Reports: 05/14/2009
Number of Days to Update: 8
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 04/13/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Annually

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: 12/31/2006
Date Data Arrived at EDR: 12/11/2008
Date Made Active in Reports: 03/19/2009
Number of Days to Update: 98
Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 03/13/2009
Next Scheduled EDR Contact: 06/08/2009
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 05/05/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 17
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 05/05/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/27/2009
Date Data Arrived at EDR: 02/25/2009
Date Made Active in Reports: 03/12/2009
Number of Days to Update: 15
Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/25/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: Annually
<table>
<thead>
<tr>
<th>MANIFEST</th>
<th>Manifest Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA</td>
<td>Hazardous waste manifest information.</td>
</tr>
<tr>
<td>Date</td>
<td>Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 09/11/2008 Date</td>
</tr>
<tr>
<td></td>
<td>Made Active in Reports: 10/02/2008 Number of Days to Update: 21 Source: Department</td>
</tr>
<tr>
<td></td>
<td>of Environmental Protection Telephone: N/A Last EDR Contact: 03/09/2009 Next</td>
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<tr>
<td></td>
<td>Scheduled EDR Contact: 06/08/2009 Data Release Frequency: Annually</td>
</tr>
<tr>
<td>RI</td>
<td>Hazardous waste manifest information.</td>
</tr>
<tr>
<td>Date</td>
<td>Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 02/12/2009 Date</td>
</tr>
<tr>
<td></td>
<td>Made Active in Reports: 03/11/2009 Number of Days to Update: 27 Source: Department</td>
</tr>
<tr>
<td></td>
<td>of Environmental Management Telephone: 401-222-2797 Last EDR Contact: 03/16/2009</td>
</tr>
<tr>
<td></td>
<td>Next Scheduled EDR Contact: 06/15/2009 Data Release Frequency: Annually</td>
</tr>
<tr>
<td>WI</td>
<td>Hazardous waste manifest information.</td>
</tr>
<tr>
<td>Date</td>
<td>Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 08/22/2008 Date</td>
</tr>
<tr>
<td></td>
<td>Made Active in Reports: 09/08/2008 Number of Days to Update: 17 Source: Department</td>
</tr>
<tr>
<td></td>
<td>of Natural Resources Telephone: N/A Last EDR Contact: 04/07/2009 Next Scheduled</td>
</tr>
<tr>
<td></td>
<td>EDR Contact: 07/06/2009 Data Release Frequency: Annually</td>
</tr>
</tbody>
</table>

**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: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

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

**Medical Centers: Provider of Services Listing**
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

**Nursing Homes**
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

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

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

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

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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TARGET PROPERTY ADDRESS

DUKE
HIGHWAY 14
FREEMONT VALLEY, CA 93519

TARGET PROPERTY COORDINATES

- Latitude (North): 35.24170 - 35° 14’ 30.1"
- Longitude (West): 118.0503 - 118° 3’ 1.1"
- Universal Tranverse Mercator: Zone 11
- UTM X (Meters): 404437.0
- UTM Y (Meters): 3900154.2
- Elevation: 2355 ft. above sea level

USGS TOPOGRAPHIC MAP

- Target Property Map: 35118-B1 MOJAVE NE, CA
- Most Recent Revision: 1994
- North Map: 35118-C1 CINCO, CA
- Most Recent Revision: 1994

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.
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 ENE

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

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

FEMA FLOOD ZONE
Target Property County: KERN, CA
Flood Plain Panel at Target Property: 0600751375B
Additional Panels in search area: 0600751400B

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.

MAP ID LOCATION GENERAL DIRECTION
Not Reported FROM TP GROUNDWATER FLOW

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

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

<table>
<thead>
<tr>
<th>ROCK STRATIGRAPHIC UNIT</th>
<th>GEOLOGIC AGE IDENTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Era: Cenozoic</td>
<td>Category: Stratified Sequence</td>
</tr>
<tr>
<td>System: Quaternary</td>
<td>(decoded above as Era, System &amp; Series)</td>
</tr>
<tr>
<td>Series: Quaternary</td>
<td></td>
</tr>
<tr>
<td>Code: Q</td>
<td></td>
</tr>
</tbody>
</table>

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: ARIZO

Soil Surface Texture: Excessively drained

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

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity (μm/sec)</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>3 inches</td>
<td>Not reported</td>
<td>Max: 141 Min: 141</td>
<td>Max: 8.4 Min: 7.4</td>
</tr>
<tr>
<td>2</td>
<td>3 inches</td>
<td>64 inches</td>
<td>Not reported</td>
<td>Max: 141 Min: 141</td>
<td>Max: 8.4 Min: 7.4</td>
</tr>
</tbody>
</table>

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

<table>
<thead>
<tr>
<th>DATABASE</th>
<th>SEARCH DISTANCE (miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal USGS</td>
<td>1.000</td>
</tr>
<tr>
<td>Federal FRDS PWS</td>
<td>Nearest PWS within 1 mile</td>
</tr>
<tr>
<td>State Database</td>
<td>1.000</td>
</tr>
</tbody>
</table>
### FEDERAL USGS WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2</td>
<td>USGS3161660</td>
<td>1/2 - 1 Mile ENE</td>
</tr>
<tr>
<td>B4</td>
<td>USGS3161655</td>
<td>1/2 - 1 Mile ENE</td>
</tr>
</tbody>
</table>

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

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

### STATE DATABASE WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>CADW20000020854</td>
<td>1/2 - 1 Mile NE</td>
</tr>
<tr>
<td>B3</td>
<td>CADW20000020843</td>
<td>1/2 - 1 Mile ENE</td>
</tr>
</tbody>
</table>
### B3
#### ENE
1/2 - 1 Mile
Lower

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground-water levels</td>
<td>Feet below: 118.0342</td>
</tr>
<tr>
<td></td>
<td>Feet to: 35.2455</td>
</tr>
<tr>
<td>Date</td>
<td>1974-07-26 290.00</td>
</tr>
<tr>
<td>Source of depth data</td>
<td>904</td>
</tr>
<tr>
<td>Well depth</td>
<td>813</td>
</tr>
<tr>
<td>Countycode</td>
<td>15</td>
</tr>
<tr>
<td>Gwcode</td>
<td>604600</td>
</tr>
<tr>
<td>Site id</td>
<td>CADW200000020843</td>
</tr>
</tbody>
</table>

### B4
#### ENE
1/2 - 1 Mile
Lower

<table>
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<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Ground-water levels</td>
<td>Feet below: 118.0342</td>
</tr>
<tr>
<td></td>
<td>Feet to: 35.2455</td>
</tr>
<tr>
<td>Date</td>
<td>1974-07-26 290.00</td>
</tr>
<tr>
<td>Source of depth data</td>
<td>904</td>
</tr>
<tr>
<td>Well depth</td>
<td>813</td>
</tr>
<tr>
<td>Countrycode</td>
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<tr>
<td>Gwcode</td>
<td>604600</td>
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<tr>
<td>Site id</td>
<td>CADW200000020843</td>
</tr>
</tbody>
</table>

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### Ground-water levels, Number of Measurements: 1

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<tr>
<th>Date</th>
<th>Feet below Surface</th>
<th>Feet to Sealvel</th>
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<tbody>
<tr>
<td>1974-07-26</td>
<td>118.0342</td>
<td>35.2455</td>
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</tbody>
</table>

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### Site Information

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<th>Value</th>
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</tr>
<tr>
<td>Latitude</td>
<td>351444</td>
</tr>
<tr>
<td>Longitude</td>
<td>1180200</td>
</tr>
<tr>
<td>Dec lat</td>
<td>35.2455</td>
</tr>
<tr>
<td>Coor accr</td>
<td>S</td>
</tr>
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### Federal Area Radon Information for KERN COUNTY, CA

Number of sites tested: 94

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<tr>
<th>Area</th>
<th>Average Activity</th>
<th>% &lt;4 pCi/L</th>
<th>% 4-20 pCi/L</th>
<th>% &gt;20 pCi/L</th>
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<tr>
<td>Living Area - 1st Floor</td>
<td>1.422 pCi/L</td>
<td>98%</td>
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</table>

Federal EPA Radon Zone for KERN County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.
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 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW 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

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.
LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of 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

RADON

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

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

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

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

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

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

STREET AND ADDRESS INFORMATION

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APPENDIX D
Qualifications of Environmental Professionals
Years Experience:  4

Technical Specialties

- Environmental Site Assessments
- Technical Writing/Editing

Professional History

- AECOM

Education

- BS (Major: Environmental Science and Resource Management, Minor: Biology)
  California State University Channel Islands

Training

- CPR/AED - Adult (last class 9.23.08)
- Bloodborne Pathogens Training (last class 9.23.08)
- Standard First Aid (last class 9.23.08)
- HAZWOPER - Refresher &/or Initial General Site Worker Training Requirements (exp 8.19.09)
- HAZMAT - Transportation Awareness (10.27.06 ENSR)
- Loss Prevention System (LPS) Training (May 2, 2008)
- 40-hour OSHA HAZWOPER Training (Sept 13, 2005)
- Effective Scientific and Technical Writing (spring 2006)
- Environmental Due Diligence "Basic Training"
- Interstate Technology & Regulatory Council --- Perchlorate - Overview of Issues, Status, and Remedial Options (web-based presentation 1.15.08)
- Parker, Milliken, Clark, O'Hara & Samuellian's 23rd Annual - Hazardous Waste Managment and the Law (May 24, 2007)

Representative Project Experience

Biological Monitoring

*Florida Power and Light, Bio-monitoring during Geotechnical Investigation, California City, California.* Biological monitoring consisted of clearance surveys prior to shrub (Atriplex or saltbush) removal via back hoe, trench digging via back hoe, and data logging in support of the geotechnical investigations. Monitoring also consisted of supervision of silt screen installation and inspection of trenches each morning prior to data logging activities and periodic inspections during logging. Additionally, final surveys and inspections were performed before and after trench backfilling.
Environmental Impact Assessment
Sacramento City Unified School District, Initial Study, California. Assisted in updating the Initial Study for a proposed Therapeutic Center within the Sacramento City Unified School District.

ExxonMobil Oil Corporation, Initial Study for 1620 Permit, California. Assisted in the document organization of the Initial Study for a Streambed Alteration Agreement for the M-70 Pipeline Horizontal Directional Drill Beneath the Santa Clara River in Santa Clarita, CA.

Environmental Site Assessments
Real Property Purchasers, Phase I Environmental Site Assessments, Arizona, California, Colorado, Florida, Nevada. Conducted over 50 site assessments at undeveloped, vacant, commercial, light industrial and manufacturing facilities for over 20 clients. Assessments have generally been in accordance with American Society for Testing and Materials (ASTM) Standard E1527-05 (formerly E1527-00). Historical research is conducted via reviews of historical aerial photographs, USGS topographic maps, city directories, and interviewed with previous/current site owners in order to help identify past issues that may have impacted the sites. Regulatory agencies are contact in order to obtain information regarding compliance and/or violations at the sites. An analysis of an environmental regulatory database report is conducted to identify any historical or current concerns at the site, regarding hazardous materials and/or waste generation, reports of spills or releases of hazardous/petroleum products into the soil and/or groundwater. Interviews and a site visit are conducted to observe current on-site activities and procedures. Additional analysis is conducted to determine off-site source of concern regarding the site.

Teacher Insurance and Annuity Association, Phase I Environmental Site Assessment & Environmental Compliance Assessment, Tulip Falls Drive, Las Vegas, NV. Conducted a site assessment prior to construction of the Verona Apartments located in Las Vegas, Nevada. During construction the site included a lumber and diesel storage area, a concrete washout area, and a laydown area for soil/fill material. Once developed, conducted a follow-up compliance assessment to determine whether the site was operating under appropriate local, state, and federal regulations regarding environmental issues such as stormwater drainage, chemical inventory/storage, and industrial waste discharges.

Public Storage, Phase I ESA, Goleta, Santa Barbara County, California; Centennial, Arapahoe County, Colorado; and Las Vegas, Clark County, Nevada. Site Assessor and Report Preparer for sites in several states. Sites consisted of multi-story and single-story self storage facilities. Specific characteristics of the sites included a sloped retaining wall, an unlined stormwater retention area, on-site water wells, a septic system, and 25,000-gallon underground water tanks for fire suppression.

TA Realty, Phase I ESA, 999 Town and Country Road, Orange, Orange, CA. Site Assessor and Report Preparer. Conducted a Phase I ESA a at 3-story commercial office building located in Orange County, California. The building had a roof-mounted boiler and air conditioning unit. Former operations on site consisted of: a modeling area which included a paint booth, reprographics department that included manifests for silver, and "rock crushing and sampling" operations that used chemicals (of an unknown nature) that were reported as disposed of by a hazardous waste disposal company.
First Industrial, Phase I ESA, Belltown, Perris, Moreno Valley, Riverside County, CA. Site Assessor and Report Preparer for several sites. Conducted ESAs at properties with newly developed warehouse structures and undeveloped properties proposed for warehousing. The Moreno Valley sites were located abutting and within ½ mile of the US EPA National Priorities List site, the March Air Force Base. Information provided in annual groundwater monitoring reports conducted by the US Air Force, concluded that plumes of TCE, PCE, and CCl4 are located in the groundwater beneath the subject property. An Addendum to the report was prepared after a review of the April 2004 Record of Decision (US EPA documents) on the March Air Force Base NPL site. A Vapor Intrusion Evaluation (VIE) was also preformed to evaluate the risk associated with the potential vapor intrusion at the subject property due to the TCE, PCE, and CCl4 detected in the groundwater in the vicinity of the site. During the ESA Update, the Addendum and VIE were summarized and integrated into the report. On another property, Phase II investigations were initiated based on an exposed drum and associated darkened burnt area.

Empire/Mercury, Phase I ESA Update, 12320 Bloomfield Avenue, Santa Fe Springs, Riverside, CA. Site Assessor and Report Preparer. Conducted a Phase I ESA Update for a 121,000 SF warehouse/commercial building. Tasks included a review of historical sources (aerial photographs, city directories, and/or USGS topographic maps), regulatory agency review, and an analysis of an environmental regulatory database report. Historical data indicated Halliburton as the former occupant and owner of the subject property. Hazardous materials and petroleum products were reported as stored and used on the subject property. Based on ENSR's review of the environmental investigations and subsequent remedial activities performed on the property between 1988 and 2001, soil and groundwater impacts were identified in association with volatile organic compounds, total petroleum hydrocarbons, and trichloroethene. However, the Santa Fe Springs Fire Department and the Los Angeles Regional Water Quality Control Board granted a no further action status for the subject property in 2001, based on results from the environmental investigations and remedial activities conducted at the subject property. While Halliburton operations were identified as an HREC, ENSR believes it does not pose a current REC to the subject property.

Allstate Real Estate, Phase I ESA, 7100 Tujunga Avenue & 11350 Sherman Way, North Hollywood, Los Angeles County, CA. Site Assessor and Report Preparer. Conducted a Phase I ESA of an 112,325 SF warehouse and a FedEx distribution warehouse with office portions. Site consisted of an oil-water separator, two air compressors, and approximately three packaging machines, along with outside loading docks and in-warehouse truck loading and unloading of packages for distribution. ENSR recommended a through water board file review for the adjacent site which may have potentially impacted the site from soil contamination regarding the former underground storage tank and a concrete sump at the adjacent. Sites are located within the San Fernando Valley National Priorities List/Superfund site.

Health and Safety
Reliant, Health and Safety Plan (HASP), Mandalay/Ormond Beach, Oxnard, Ventura, CA. Document preparation for a Health and Safety Plan (HASP) for an Impingement Mortality and Entrainment Characterization Study (IMECS) located in the Edison Canal and the Pacific Ocean in Oxnard, CA. (The IMECS involved sampling fish and ichthyoplankton at two Reliant generating stations.) The HASP included information including a project description, location, site description, responsible
personnel, boat safety, environmental considerations, potential hazards, the use of correct personal protective equipment (PPE), necessary responses if there is an emergency, and a table documenting possible activity hazards.

Permitting


Permitting | LNG Project Hazardous Materials

**Woodside, Pipeline Corridor Study (EDR), Los Angeles and Orange County, CA.** Conducted a review of six corridor studies (regulatory environmental database report) provided by Environmental Data Resources (EDR). The corridor studies are associated with six proposed pipeline routes and extended 1/4 mile from each identified pipeline routes. The review was integrated into the Hazardous Materials section of the USGC/CLCS permit that ENSR is completing on behalf of the Woodside/Oceanway pipeline project. Review and analysis consisted of identifying sites where soil and/or groundwater contamination have occurred and may be of concern during the pipeline construction. Analysis also included locating gas, oil, and methane seeps located along the pipeline routes and locating offshore munitions dumps near the offshore pipeline route.

Soil Sampling

**Tronox, Surface Soil Sampling for Asbestos, Henderson, Nevada.** Conducted surface soil sampling to determine if asbestos fibers exist in the surface soil in and around the Site area. Field work comprised of collecting surface soil at 66 locations from a depth of 0 (surface) to 2 inches below ground surface, which were then sent to a laboratory for analysis.

Soil Vapor Surveys

**Rio School District, Methane Monitoring, Oxnard, California.** Supported start-up and quarterly testing of a methane mitigation system by monitoring for methane concentrations in the field using portable hand-held methane-specific instruments such as including a flame-ionization detector (FID) and a landfill gas indicator (LGI) or equivalent instruments. Recorded barometric pressure with a barometer and measured subsurface soil gas concentrations and indoor vent-riser pipes for concentrations of methane, oxygen, and carbon dioxide using both the FID and LGI instruments. Soil gas samples were collected using a BLANK, which were sent to a laboratory for analysis.

**Tronox, Soil Gas Sampling, Henderson, Nevada.** Conducted soil gas sampling field work in order to identify the occurrence and potential sources of VOCs in and around the Site area. Field work comprised of collecting soil gas samples (at 5 and/or 20 feet below ground surface) via Summa™ canisters. Canisters were leak tested and introduced with helium under a contained shroud as means of additional leak detection.
Spill Contingency Plans

*Sempra, Integrated Stormwater/Oil Spill Prevention Control and Countermeasure (SPCC) Plan Update, City of Industry, California.* Conducted site reconnaissance and modified original draft documents of a Sempra (Southern California Gas Company) utility operating and storage yard in order to reconcile and update their existing integrated Stormwater and SPCC (oil spill) Plans.

Stormwater Management

*ExxonMobil Pipeline Company, Storm Water Pollution Prevention Plan, California.* Assisted in a site assessment and preparing a storm water pollution prevention plan of a Tier II small linear underground pipeline removal project. Conducted site visit and prepared a storm water pollution prevention plan for a stormwater construction permit for a pipeline removal project.
Kirsten G. Bradford
Project Specialist

Years Experience: 6

Technical Specialties
- Environmental Site Assessments/Due Diligence
- Project Management
- Environmental Compliance
- Oil Spill Control and Countermeasure Planning
- Storm Water Pollution Prevention Planning and Permitting
- Hazardous Material and RCRA Contingency Planning
- Field Sampling

Professional History
- AECOM Environment
- Lee & Pierce, Inc.
- Environmental Investigation Services, Inc.
- QTL Biosystems, LLC
- New Mexico Department of Health, Scientific Laboratory Division
- New Mexico Institute of Mining and Technology Atmospheric & Environmental Chemistry Research Lab
- New Mexico Bureau of Mining & Mineral Resources, Chemistry Division

Education
- BS (Chemistry) New Mexico Institute of Mining & Technology (New Mexico Tech)

Training
- 40-hour OSHA HAZWOPER Training
- Refresher &/or Initial General Site Worker Training Requirements
- Standard First Aid
- CPR - Adult
- Bloodborne Pathogens Training
- Hydrogen Sulfide Awareness Training For Exposure In Oil & Gas Prod. Fields & Industrial Facilities
- Environmental Due Diligence
- Effective Scientific and Technical Writing
- Environmental Auditor Training
- 9th Annual California Certified Unified Program Agency (Cal-CUPA) Training
- PARCEL eLearning Course
- Loss Prevention System Training
Representative Project Experience

Compliance

**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 Inventorizing 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.

**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 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.

**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.

**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.

**Phase I Environmental Site Assessment & Compliance Evaluation, Maricopa County, Arizona.** Conducted a Phase I ESA of two industrial facilities located in Maricopa County, Arizona that clean and coat parts in support of semiconductor equipment and 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; 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.
Emergency Hazardous Material Spill Response

**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.

Environmental Site Assessments

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

**Environmental Support with File Review, San Diego County, California.** Conducted 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.

**Phase I Environmental Site Assessment, Maricopa County, Arizona.** Conducted assessment of a multi-story corporate office building. On-site improvements assessed included hydraulic-powered elevators, stormwater 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.

**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.

**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.

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

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

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.

Phase I Environmental Site Assessment, Kern County, California. Conducted assessment 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.

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.

Phase I Environmental Site Assessment Portfolio, Los Angeles County, California. Was the 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.

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.

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, ENSR 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. ENSR successfully observed the sites during extreme weather conditions including snow cover and freezing temperatures.

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
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).

Environmental Closeout Survey (ECS), Santa Barbara County, California. Two air force base facilities located at Vandenberg Air Force Base (AFB) were assessed 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.

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.

Phase I Environmental Site Assessment, San Diego County, California. Phase I Environmental Site Assessments (ESAs) were 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.

**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.

**Phase I Environmental Site Assessment, Kern County, California.** Performed a Phase I Environmental Site Assessment (ESA) of approximately 380 acres of vacant desert land 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.

**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.

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

**Phase I Environmental Site Assessment, San Diego County, California.** Conducted assessment in support of 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.

**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.

**NPDES Permitting**

*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.

*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).

*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.

*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 stormwater to hazardous materials, and to prevent the release of hazardous materials into the stormwater 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.
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.

Petroleum Spills Management
Oil Spill Assessment Portfolio, Southern California. Conducted oil spill assessments of landfill gas to energy facilities located in Southern California.

Project Management
Due Diligence, Western United States. 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 two 10-20 site Phase I ESA portfolios located in the vicinity of Chicago, Illinois where over half a dozen sites required Phase II ESAs.

Soil Borings
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).

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 advanced 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 photoionization detector (PID). The collected soil samples were preserved and extracted in accordance with U.S. EPA Method 5035.
Soil Sampling

**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.

**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.

Soil Vapor Surveys

**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 a LANDTEC 2000 Landfill Gas Indicator or equivalent instruments. Recorded barometric pressure will 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.

Spill Contingency Plans

**Spill Prevention Control and Countermeasure Plan (SPCC), 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.

**Spill Prevention Control and Countermeasure Plan (SPCC), Victorville County, California.** Assessed 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.

**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 (stormwater) and SPCC (oil spill) Plans.
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.

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.

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.

Publications

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

Jim K. Fickerson
Senior Project Manager

Years Experience: 15

Technical Specialties

- Project Management
- Environmental Due Diligence
- Environmental Liability Cost Analysis
- Environmental Permitting
- Integrated Site Closure

Professional History

- AECOM
- Texaco Refining and Marketing, Inc.
- City of Saratoga

Education

- BS (Environmental Studies) San Jose State University

Professional Registrations and Affiliations

- California Registered Environmental Assessor (REA) I, California – REA I - 07745

Summary

Mr. Fickerson is a Senior Project Manager in AECOM’s, Camarillo, California office. Mr. Fickerson is the client steward for two national real estate investment trusts and one national construction rental company. In this capacity, Mr. Fickerson manages all aspects of the clients environmental risk management, including environmental due diligence, agency negotiations, portfolio acquisition strategy, and environmental liability management.

As a senior environmental assessor, Mr. Fickerson has coordinated and/or personally performed over 1,000 due diligence projects on commercial and industrial property located throughout the country. In this capacity, Mr. Fickerson has managed numerous subsurface investigations, groundwater studies, risk assessments, remedial feasibility studies, remedial cost evaluations, regulatory agency negotiations, and regulatory site closures throughout the United States including in Arizona, California, Colorado, Connecticut, Florida, Georgia, Hawaii, Illinois, Kansas, Massachusetts, Maryland, Missouri, Minnesota, Nevada, New Jersey, New Mexico, New York, North Carolina, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Maryland, Utah, Washington, and Wisconsin.
Project Experience

Petroleum Site Management

June 2005 to February 2008. Chevron Environmental Management Corporation. Mr. Fickerson managed the environmental assessment and remediation of a former gasoline service station located in Santa Barbara, California. During his two and half years as project manager, he managed various site characterization activities; pilot testing of multi-phase extraction, vapor extraction, and bio-sparging remediation technologies; the completion of a sensitive receptors survey; and the rebuilding of a sense of trust with the regulatory agency. Under Mr. Fickerson direction, a conceptual remedial action plan was developed and preparations were made to install a full scale remediation system.

February 2003 to December 2006. Unocal Corporation. Mr. Fickerson managed the environmental site assessment and remediation of a former bulk fuel terminal in Yuma, Arizona. Non aqueous phase liquids were present both onsite and offsite at thickness ranging between 0.5 and 3 feet. Long term remediation costs using conventional remediation technologies were forecast in excess $2.5M. Due the extent of non aqueous phase liquids (both on and offsite) regulatory site closure was not considered feasible using conventional remedial technologies. In addition, the operation of the existing multi-phase extraction system was costing in excess of $250K/year with marginal hydrocarbon recovery rates. Mr. Fickerson managed the design, execution, and analysis of a steam injection pilot test at this site. Results of a one month pilot test indicated that steam injection increased hydrocarbon recovery by 500 percent. A financial analysis indicated that over $1M would be saved by the site wide implementation of a steam injection based remediation system with regulatory site closure estimated at two years from implementation.

February 2003 to December 2006. Chevron Corporation. Mr. Fickerson managed the environmental assessment and remediation of a former bulk fuel terminal in Phoenix, Arizona under the tight time restriction imposed by an Aquifer Protection Permit. Working closely with Arizona Department of Environmental Quality, Mr. Fickerson coordinated a comprehensive subsurface soil and groundwater assessment including the advancement of 38 borings, six groundwater wells from depth ranging between 15 and 110 feet below ground surface. Mr. Fickerson lead the remediation team that excavated 3,500 tons of petroleum impacted soil from nine onsite areas of concern; the installation of eight multi-zone vapor extraction/bio-venting wells, and the construction and startup of a soil vapor extraction system.

March 2004 to November 2005. Unocal Corporation. Mr. Fickerson managed the regulatory site closure of a former gasoline service station in Phoenix, Arizona. The site was located on the corner of a busy street near downtown Phoenix that had become blighted by years of inactivity. The sale of the site and its redevelopment was being hindered by the presence of 1-2-DCA in groundwater at concentrations that exceeded regulatory cleanup objectives. Complicating issues was a nearby dry cleaner whose release was impacting the groundwater beneath the service station. Working with risk assessment team, Mr. Fickerson was able to convince ADEQ that the remaining 1-2-DCA did not present a risk to human health or the environment, and that regulatory site closure should be issued. The site was subsequently redeveloped for beneficial use.

March 2004 to November 2005. Unocal Corporation. Despite extensive onsite assessment and remediation by others, regulatory site closure of a former bulk plant in Safford, Arizona was hindered by a commingled plume from a nearby gasoline service station. Working with a team of hydrologists, Mr. Fickerson was able to convince ADEQ that the presence of benzene along the sites eastern border was a result of the nearby gasoline service station, rather than from an onsite release. Regulatory site closure was granted allowing the site to be sold and redeveloped for beneficial use.
Due Diligence

July 2006 to Present. Academy of Motion Pictures and Sciences. Phase I and Phase II Environmental Site Assessments. Mr. Fickerson is managing the environmental due diligence and environmental liability analysis associated with the acquisition of one city block located in the middle Hollywood of California. Activities conducted to date include reconnaissance of the site and surrounding neighborhood; a review of various historical resources; an analysis of a regulatory database report, review of local and state regulatory agency files, and researching the physical characteristics of the site. Recognized environmental conditions that were identified included current and former USTs, dry cleaners, and the historical use of chlorinated solvents. These environmental concerns were further evaluated by the implementation of a comprehensive subsurface investigation program including the collection and laboratory analysis of soil, soil vapor, and groundwater samples. Over 10 technical environmental reports were prepared summarizing the results of the numerous investigations. Mr. Fickerson and his project team are currently providing the client with technical guidance regarding vapor intrusion mitigation/remediation and environmental liability cost analysis/budgeting for future site redevelopment.

February to April 2008. The Amargosa Conservancy. Mr. Fickerson performed a Phase I environmental site assessment of the historic mining town of Death Valley Junction, Inyo County, California. The assessment involved a site and area reconnaissance of 246 acres; a review of over 100 years of historical documents; an analysis of a regulatory database report, review of local and state regulatory agency files, researching the physical characteristics of the site, and preparation of a report. Recognized environmental conditions identified included a former gasoline service station, significant hydrocarbon staining beneath a former diesel-fuel ASTs, and a former onsite landfill/debris field.

December 2007. MeadWestvaco. Mr. Fickerson performed a Phase I environmental site assessment of a 100,000 square-foot envelope manufacturing plant located on approximately 3.5 acre parcel near downtown Los Angeles, California. The assessment involved a site and area reconnaissance; a review of various historical resources; an analysis of a regulatory database report, review of local and state regulatory agency files, researching the physical characteristics of the site, and preparation of a report.

November 2007. Isle of Capri Casinos. Mr. Fickerson managed the environmental due diligence of the former Multnomah Greyhound Park located on 30 acres in the town of Wood Village, Oregon. This project involved the rapid mobilization of an assessor to visit the site, and a comprehensive historical, regulatory, and environmental database review, and preparation of a report all within the span of less than two weeks in order to meet client’s real-estate transaction requirements. Potential environmental liabilities associated with the transaction were evaluated and a budgetary cost estimate was prepared to assist the client in negotiating an equitable purchase price for the property.

September 2007. Chevron Corporation. Mr. Fickerson performed a technical cost evaluation of 2005 buy-out negotiations between Unocal and Conoco Phillips to determine reasons why the negotiations were not successful including the methods used to generate the allocation values, and document the lessons learned from the project. Results of the negotiations analysis concluded that the negotiations were not successful due in part to the use of differing unit costs, remediation strategy, closure timing, and scope of work. Lessons learned included the importance of having a well-defined cost allocation methodology, agreement on key assumptions, unit costs, and end point prior to beginning negotiations.

September 2007. Air Liquide. Mr. Fickerson performed and managed the environmental due diligence associated with the acquisition of a former gasoline fuel blending facility located on 14 acres in San Bernardino, California. Mr. Fickerson designed and implemented a comprehensive soil boring and geophysical survey program to fully evaluate over 30 recognized environmental conditions that were indentified. At the conclusion of the project, a budgetary cost estimate that quantified the environmental liabilities associated with the transaction was prepared.
June 2007. FPL Energy. Mr. Fickerson performed the environmental due diligence of the 2,270 acre Fremont Valley Ranch located near California City, California. This assessment involved an in-depth historical, regulatory, internet, and environmental database report review, in conjunction with a site visit, and interviews with current and former employees of the Ranch. Three recognized environmental conditions were identified including existing underground storage tanks and fueling dispensers. At the conclusion, a budgetary cost estimate was prepared to quantify the potential environmental liability associated with the Ranch.

April 2007. Confidential Client. Mr. Fickerson conducted a Phase I environmental site assessment and limited compliance evaluation of 280,000 square-foot chemical storage facility located in Brisbane, California. The project involved a comprehensive historical, regulatory, and environmental database review; as well as interviews with facility management and workers; a thorough site walk; a lengthy document review of the facilities environmental compliance documentation; and research into the facilities off-site contingent liabilities. The project was conducted under strict client confidentiality that was required by the merger and acquisition of two fortune 500 companies.

July 2006. Public Storage. Project manager for the environmental site screening of 47 self-storage properties located throughout North and South Carolina. The project involved sites visits; historical research; regulatory agency and environmental database review; interviews with facility personal; a review of previously prepared environmental reports; preparation of site-specific summary reports; and a preparation of a comprehensive cost analysis to quantify the environmental liabilities associated with the transaction. This challenging project was completed within a tight two week timeframe.

May 2006. TA Realty Advisors. Project manager for the environmental site assessment of 15 commercial properties located throughout Southern California. This project involved the preparation of 15 Phase I environmental site assessments, five asbestos surveys and a comprehensive cost analysis to quantify the environmental liabilities associated with the transaction.

May 2006. P.S. Business Parks. Mr. Fickerson managed the environmental due diligence associated with three industrial properties located in Signal Hill, California. Recognized environmental conditions identified at the sites included former oil sumps, waste disposal areas, and petroleum production facilities. The environmental concerns associated with each site were further evaluated by the implementation of a comprehensive subsurface soil boring and geophysical program. Identified environmental liabilities were further analyzed and a budgetary cost estimate was prepared to assist the client in their purchase of the sites. The entire project was completed under budget and within the tight time constraints of a real estate transaction.

July to September 2004. Public Storage. Project manager for acquisition of 27 self storage sites in Minnesota and Wisconsin. The project involved the performing Phase I environmental site assessments at all 27 sites; asbestos surveys at four sites, subsurface investigations of seven sites; preparation of a comprehensive environmental liability cost estimate; and agency negotiations with Minnesota Pollution Control Agency to obtain letters of “No Association Determination” for four of the 27 sites.

March to August 2005. Nature Conservancy. Mr. Fickerson managed the environmental due diligence of a former worker camp and precious metals mine in Tecopa, California. Recognized environmental conditions identified at the site were further evaluated by the implementation of a comprehensive trenching program. Total metals including cyanide, mercury, lead, and copper were identified in soil at concentrations that exceed hazardous waste criteria. Potential remedial scenarios were evaluated, a preliminary risk assessment was performed, and discussions with the client’s legal counsel were conducted. The project team decided that the elevated metals concentrations could be managed in place, thus avoiding costly (in excess of $1M) remediation, and allowing a conservation easement to be placed on this ecologically sensitive property.

February 2009
August 2003. Teachers Insurance and Annuity Association. Performed a Phase I environmental site assessment of five multi-story office buildings comprising approximately 380,000 square-feet of commercial office space on approximately 15 acres of land located in San Diego, California. This project involved a site visit; interviews with the buildings tenants; historical, regulatory, and environmental database review; and preparation of a comprehensive report.

May 2003. PS Business Parks. Mr. Fickerson performed a Phase I environmental site assessment and managed a subsurface assessment of a business park containing 437,000 square-feet of commercial office/warehouse space on 25 acres in Santa Ana, California. An extensive historical review indicated that the site was formerly occupied by a sugar beet processing plant. The identified recognized environmental conditions were further evaluated by the implementation of a comprehensive soil boring program. Mr. Fickerson prepared a budget cost estimate and assisted the client in obtaining environmental insurance allowing the client to proceed with the purchase of property.

February to April 2003. Northrop/Vought Aircraft Corporation, Comprehensive Soil and Groundwater Assessment, Hawthorne, California. Assistant Project Manager for a comprehensive fence-line to fence-line soil assessment of an 80-acre aerospace manufacturing facility. The assessment involved the drilling and sampling of over 200 soil borings to assess the extent of soil impacted by halogenated solvents, petroleum hydrocarbons, and metals.

April 2002. FleetBoston Financial Group. Performed a Phase I environmental site assessment and environmental liability analysis of the Buena Park Mall and Buena Park Marketplace located in Buena Park, California. Combined the buildings totaled approximately 380,000 square-feet of commercial space on approximately 51 acres. This project involved visits and interviews with over 100 tenants; historical, regulatory, and environmental database review, and preparation of comprehensive report. At the conclusion of the project a comprehensive environmental liability analysis was performed to quantify potential future environmental costs.

March 2002. Confidential Client. Project manager responsible for a subsurface soil and groundwater assessment of a dry cleaning facility located in Marina Del Rey, California. Despite the presence of chlorinated solvents in groundwater at concentrations that exceed California's maximum contaminant levels, Mr. Fickerson was able to successfully demonstrate that the release was not a risk to human health or the environment and regulatory site closure was granted by the Los Angeles Regional Water Quality Control Board.

November 2001. Shamrock Logistics GP, LLC. Project manager and primary assessor responsible for the technical environmental liability cost evaluation of groundwater impacts associated with the acquisition of 14 tank farms, heating stations, and over 33 miles of connecting pipelines located throughout Southern California.

September 2001. Teachers Insurance Annuity Association. Prepared a phase I environmental site assessments and limited compliance assessment of a shopping center that contained over 270,000 square feet of retail space on 31 acres in San Diego, California. This project involved site visits; interviews with over 50 tenants; compliance documentation review and analysis; historical and, regulatory agency research, environmental database review, and preparation of comprehensive due diligence report.

March 2001. Air Liquide. Prepared phase I environmental site assessments of four compressed gas facilities and one compressed gas terminal located on the islands of Kauai, Maui, Hawaii, and Oahu, Hawaii. This project involved facility visits, historical and regulatory agency research, environmental database review, and preparation of site-specific due diligence reports.
Phase I Environmental Site Assessment of 20 Acres of Desert Land, Fremont Valley, Near Highway 14, Kern County, California
Phase I Environmental Site Assessment of 20 Acres of Desert Land, Fremont Valley, Near Highway 14, Kern County, California
EXECUTIVE SUMMARY

Beacon Solar, LLC (BSL) contracted with ENSR Corporation (ENSR) to perform a Phase I Environmental Site Assessment (ESA) of 20 acres of vacant desert located in the Fremont Valley, approximately 14 miles north of Mojave off Highway 14, Kern County, California. This Phase I ESA was performed in conformance with the general scope and limitations of ASTM Standard Practice E 1527-05 for ESAs. Exceptions to, or deletions from, this practice are described in Section 1.3 of this report.

This assessment was started on May 2, 2008 conducted through May 15, 2008, with the site visit occurring on May 6, 2008. The subject property consists of two connected parcels of land each consisting of ten acres for a combined total of 20 acres. This rectangular-shaped subject property consists entirely of vacant desert, with two unpaved roads that pass through the subject property in a generally east to west direction. No buildings or other structures were located on the subject property.

The surrounding properties consist of undeveloped desert. Overhead power transmission lines were present between a quarter mile and a half mile west and less then a quarter mile east of the subject property, and Highway 14 was present within a quarter mile east of the subject property. Other than an unpaved road that touched the southeast corner of the subject property, no specific surface features were observed adjacent to the subject property.

Historical research of governmental environmental databases as well as information provided by Mr. Switzer indicated that subject property has been vacant, undeveloped land since at least the early 1900s up to the present. No historical structures or buildings were identified during the review of aerial photographs and topographic maps. There is no evidence that there is or has ever been groundwater monitoring wells, clarifiers, or dry wells on the subject property. There is no evidence that there is or has ever been underground storage tanks, or above ground storage tanks on the subject property. In addition, no discolored soil, water, unusual vegetative conditions, staining or visual evidence of hazardous materials release was observed at the time of ENSR’s site visit.

Based on ENSR’s site visit; review of governmental environmental databases, files, and historical documents; and interviews conducted with selected individuals, no recognized environmental conditions were identified. No additional assessment is recommended at this time.
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APPENDICES

A Representative Site Photographs
B Environmental Database Report
C Qualifications of Environmental Professionals
1.0 Introduction

1.1 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) is to provide the client with information for use in evaluating potential environmental concerns associated with the subject property.

1.2 Scope of work

The Phase I ESA included a site visit, regulatory research, historical review, and environmental database search of 20 acres of vacant desert land located approximately 14 miles north of Mojave off Highway 14 in Kern County, California. In conducting the Phase I ESA, ENSR assessed the subject property for visible signs of possible contamination, researched public records for the subject property, and conducted interviews with representatives of the public, regulatory agencies, current tenants, and the property management. This project was performed in general accordance with American Society for Testing and Materials (ASTM) Standard Practice Designation E 1527-05.

ENSR’s standard terms and conditions for this report include, in addition to the ASTM Phase I ESA scope of work, visual assessment of potential asbestos-containing materials (ACM), lead-based paint, and equipment with the potential to contain polychlorinated biphenyls (PCBs). Conclusions made in this report are based upon the assessment performed and are subject to the study limitations presented in Section 1.3, below.

1.3 Study limitations

This report describes the results of ENSR's Phase I ESA conducted to identify the potential presence of a significant hazardous material or a petroleum hydrocarbon contamination problem involving or materially affecting the subject property.

As with any due diligence evaluation, there is a certain degree of dependence upon verbal information provided by facility or site representatives which is not readily verifiable through visual observations or supported by any available written documentation. During the course of this due diligence assessment, ENSR has attempted to independently assess the potential presence of such conditions within the limits of the established scope of work as described in our proposal. However, verification of potentially important facts is not always possible. ENSR 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.

This report was prepared by ENSR in accordance with the agreed upon scope of work and generally accepted scientific practice in effect at the time of ENSR's assessment of the subject property. The statements, conclusions, and opinions contained in this report are only intended to give approximations of the environmental condition of the site. Moreover, there are several major limitations that are inherent in the conduct of this, or any other, environmental due diligence assessment.

- First, it is difficult to predict which, if any of the potential environmental issues identified will become actual problems in the future, for federal and state environmental regulations continually change, as do the enforcement priorities of the applicable governmental agencies involved.

- Second, even for problems currently identified, it is often difficult and sometimes impossible to accurately estimate the liabilities that may be involved in remediating the problem(s), for the legal and technological standards for evaluating, remedying, and allocating liability for environmental issues are in a constant
state of change. Moreover, the liability for remedying environmental problems tends to be highly dependent upon agency negotiations and the sometimes arbitrary and unpredictable nature of agency officials charged with such negotiations.

- Third, there is always the distinct possibility that major sources of future environmental liability have yet to manifest themselves to the point where they are reasonably identifiable through an external assessment such as the one conducted herein.

This report was prepared by ENSR for the benefit of its client, Beacon Solar, LLC (BSL). ENSR’s client may release the information to third parties, who may use and rely upon the information at their discretion. However, any use of or reliance upon the information by a party other than specifically named above shall be solely at the risk of such third party and without legal recourse against ENSR, its parent, its subsidiaries and affiliates; or their respective employees, officers, or directors; regardless of whether the action in which recovery of damages is sought is based upon contract, tort (including the sole, concurrent, or other negligence and strict liability of ENSR), statute, or otherwise. This information shall not be used or relied upon by a party that does not agree to be bound by the above statement.

Notwithstanding the above, any lender for which the subject property may be collateral for a loan by said lender shall have the right to rely on this report with the same rights and subject to the same limitations as BSL.

1.4 Data failure/data gaps
ENSR submitted Freedom of Information Act (FOIA) requests to the Regional Water Quality Control Board (RWQCB) and the Kern County Department of Environmental Health (KCDEH) regarding historical hazardous materials releases at the subject property (if any). Responses to these FOIA requests have not been received as of the date of this report. Based on the information contained within this report, ENSR does not anticipate that the responses from these regulatory agencies will alter the conclusions or recommendations of this report. Therefore, ENSR does not consider this a significant data failure or gap in the preparation of this report.

Per ASTM E 1527-05, interviews with 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. During the ESA process, ENSR was not provided with contact information for the owner of the subject property. This limitation is not expected to change the outcome of the report based on historical information gathered from other sources, which are documented throughout this report.
2.0 Site Description

2.1 Site location
The subject property is accessed off Highway 14, approximately 14 miles north of the town of Mojave, approximately six miles southwest of the unincorporated community of Cantil, Kern County, California. The area of the subject property is referred to as Fremont Valley and is generally occupied by various ranches and the majority of which is undeveloped desert. The approximate location of the subject property is illustrated on Figure 1 - Site Location Map.

2.2 Site ownership
The two parcels that comprise the subject property are owned by two separate individuals. Parcel 12 is owned by Robert and Ruth Rosen and Parcel 18 is owned by Aileen Wooldridge.

2.3 Site Visit
Ms. Rebecca Gorman and Ms. Michele Woods of ENSR’s Long Beach, California, office visited the subject property on May 6, 2008. Ms. Gorman and Ms. Woods were accompanied by Mr. Ken Switzer of Switzer Land Company. The weather at the time the site visit was sunny with clear skies, dry conditions, windy, and temperatures in the mid 80s °F. Representative photographs taken during the site visit are provided as Appendix A.

The site visit process consisted of walking diagonally to the perimeters of the subject property, walking the perimeters, and driving the access roads through the interior of the subject property. The following sections summarize the results of the site visit.

2.3.1 Site description
The subject property consists of two connected parcels of land that together comprise 20 acres. This rectangular shaped property consists entirely of vacant desert. According to Mr. Switzer, the subject property has been vacant, undeveloped land since at least the early 1900s up to the present. There are two unpaved, access roads that go through the center of the two parcels.

No buildings or other structures were observed on the subject property. During the site visit, no visual evidence of groundwater monitoring wells, clarifiers, or dry wells was observed on the subject property. In addition, no discolored soil, water, unusual vegetative conditions, staining or visual evidence of hazardous materials release was observed at the time of ENSR’s site visit. The approximate layout of the subject property is illustrated in Figure 2 – Site Plan.

2.3.2 Building description
No buildings or other structures were present on the subject property.

2.3.3 Surrounding properties
The surrounding properties consist of undeveloped desert. High-voltage, overhead power transmission lines were present between a quarter mile and a half mile west of the subject property and standard overhead power transmission lines were located less than a quarter mile east of the subject property. Highway 14 was present within a quarter mile east of the subject property. Other than an unpaved road that
touched the southeast corner of the subject property, no specific surface features were observed adjacent to the subject property.

2.3.4 Petroleum hydrocarbons and hazardous materials
No petroleum hydrocarbons or hazardous materials were observed on the subject property during ENSR’s site visit.

2.3.5 Aboveground storage tanks (ASTs)
No ASTs were observed on the subject property during ENSR’s site visit.

2.3.6 Underground storage tanks (USTs)
No visual evidence of fuel-related USTs (e.g., vent pipes, fill ports) was observed during the site visit of the subject property. In addition, no USTs were listed in the State of California Geotracker® database or the environmental database report reviewed by ENSR.

2.3.7 Solid Waste
No dumpsters, trash enclosures, or evidence of dumped solid waste were observed at the subject property during ENSR’s site visit.

2.3.8 Stormwater
No stormwater drains were observed during ENSR’s site visit. Based on ENSR’s site visit and a review of the topographic maps of the subject property area, stormwater is generally anticipated to flow in a northeasterly direction or infiltrate into the ground.

2.3.9 Utilities
No utility improvements appeared to be present on the subject property.

2.3.10 Polychlorinated biphenyls (PCBs)
No pad mounted, pole mounted, or other potential PCB-containing equipment was observed on the subject property.

2.3.11 Asbestos
No structures were observed on the subject property during ENSR’s site visit.

2.3.12 Lead-based paint (LBP)
No structures were observed on the subject property during ENSR’s site visit.

2.3.13 Water intrusion
No structures were observed on the subject property during ENSR’s site visit.
3.0 Environmental Setting

3.1 Topography
According to the United States Geological Survey (USGS) topographic maps of the subject property area (Mojave, and Cinco, California, quadrangles), the elevation of the subject property is approximately 2,260 feet above mean sea level. Based on a review of the topographic maps and ENSR’s site visit, the subject property slopes gradually downward from the southwest towards the northeast.

3.2 Soil
According to information provided by Mr. Switzer and the U.S. Department of Agriculture’s Soil Conservation Services, the subject property soils consist of sandy loam to heavy loam. Soils of this type are anticipated to have high infiltration rates. During ENSR’s site visit, ENSR noted that the on-site surface soils appeared to consist of silty sands, cobbles, and some boulders.

3.3 Groundwater
According to California’s Groundwater Bulletin 118, the subject property is located within the Fremont Valley Groundwater Basin. The basin is characterized by both Quaternary alluvium and Lacustrine deposits. However, the alluvium is considered the most important water-bearing material in the basin. Groundwater in the alluvium is generally unconfined. Average well yield in the basin is reportedly 530 gallons per minute. A number of water wells are located on the former Fremont Ranch, which was situated between a quarter mile and a mile to the east of the subject property. In October 2007, the depth to groundwater below the Fremont Ranch was reported to range from 210 to 436 feet below ground surface. Groundwater, beneath the subject property is anticipated to flow in a northeasterly direction.

3.4 Radon
Radon is a radioactive gas that is generated by the decay of radium in the underlying soil and rocks. Radon gas levels are highly site specific and are influenced by soil and building conditions, including pressure differentials between the soil and the building. The U.S. EPA has established a guideline threshold of 4.0 PicoCuries per liter (pCi/L) of air, above which there may be adverse health risks if exposure continues over a prolonged period of time (generally 70 years).

Review of the Environmental Data Resources (EDR) report revealed that one state radon test has been conducted in the ZIP code area for the subject property (Zip code 93501). The results of this test revealed that less than 4.0 pCi/L of radon per liter of air were detected. According to the EDR report, the subject property is located in EPA Radon Zone 2. Of 94 sites tested in Kern County, the average radon concentration was reported to be 1.422 pCi/L in first floor of the building. No results were provided for the basement or second floor living spaces. Based on this information, it is ENSR’s opinion that radon does not present a significant environmental concern at the subject property. No site-specific radon testing information was provided for ENSR’s review.

3.5 Wetlands
No wetlands-type vegetation (i.e., cattails, etc.) was observed during the site visit, nor were wetlands depicted on the USGS map for the site area. In addition, no pits, ponds, or lagoons were observed onsite during ENSR’s visit.
3.6  Floodplains

According to the Federal Emergency Management Agency flood insurance rate map (1996), the subject property contains areas predisposed for minimal flooding.
4.0 Site and Area History


According to EDR, no Sanborn® fire insurance maps are available for the subject property. No previously prepared environmental reports were provided for ENSR’s review during the course of this assessment or are thought to be available according to Mr. Switzer.

4.1 Subject property

Historical research indicated that subject property has been vacant undeveloped land since at least the early 1900s up the present. Mr. Switzer was not aware of previous releases of hazardous materials at the subject property.

4.2 Adjacent sites

Historical research indicated that the surrounding sites were vacant and undeveloped desert from at least the early 1900s to the present. No historical, off-site sources of concern were identified.
5.0 Database and Records Review

5.1 User Provided Information

ENSR contacted Mr. Kenneth Stein with BSL regarding his knowledge of title records, environmental liens, specialized knowledge, and/or real estate value reduction issues associated with the subject property. Mr. Stein was not aware of environmental cleanup liens or activity use limitations that had been placed on the subject property. Mr. Stein stated that he did not have specialized knowledge or experience that is material to RECs in connection with the subject property. It was Mr. Stein’s opinion that the purchase price of the subject property reflected its fair market value.

Mr. Stein stated that it was his impression that the subject property has been vacant undeveloped land with no historical development. He was unaware of any specific chemicals, spills, chemical releases, or environmental cleanups that may have taken place at the subject property. According to Mr. Stein, it was his opinion that there were no obvious indicators pointing to the presence or likely presence of contamination at the subject property.

5.2 Title Records/Environmental Liens

An environmental lien search was not performed as part of this assessment. Based on ENSR’s land use and historical research, it is ENSR’s opinion that an environmental lien is unlikely to have been placed on the subject property. ENSR was provided with Title Reports for the subject property. No environmental liens were recorded in the Title Reports.

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 EDR report 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 EDR report. A summary of the results of the EDR database search are presented below. A list of the databases searched and the search distances are provided in the EDR report. A copy of the database report is provided in Appendix B.

Based on ENSR’s research, the subject property is not located on or within a one-mile radius of tribal lands.

5.3.1 Subject property

The subject property was not listed in the environmental database report.

5.3.2 Surrounding sites

None of the surrounding sites were identified in the environmental database report. The nearest environmental database listing is for the Jawbone Canyon Store, which was located over 2 mile northwest of the subject property. The Jawbone Store is listed in the Haznet, LUST, and Cortese databases. Based on its distance and down-gradient position relative to the subject property, it is ENSR’s opinion that the Jawbone Canyon Store is not a recognized environmental condition (REC).

No additional off-site sources of concern were identified in the environmental database report, or during ENSR’s area reconnaissance.
5.4 Agency review

5.4.1 Kern County Environmental Health Department
ENSR submitted a Freedom of Information Act (FOIA) request to the KCEHD Hazardous Materials Program to determine if they have files related to potential USTs and/or a historical hazardous materials release that may have occurred at the subject property. As of the date of this report, a response from the KCEHD has not been received. Based on ENSR’s research to date, ENSR does not anticipate the response from the County to our FOIA request will significantly alter the conclusions or recommendations of this report.

5.4.2 Regional Water Quality Control Board
ENSR submitted a FOIA to Ms. Robin Coale with the RWQCB to determine they have files related to potential USTs and/or a historical hazardous materials release that may have occurred at the subject property. As of the date of this report, a response to ENSR’s FOIA requests had not been received from the RWQCB. Based on ENSR’s research to date, ENSR does not anticipate the response from the RWQCB to our FOIA request will significantly alter the conclusions or recommendations of this report.
6.0 Conclusions and Recommendations

ENSR performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the subject property. Any exception to, or deletions from, this practice are described in Section 1.0 of the report. No RECs were identified during this assessment. No additional assessment is recommended at this time.
7.0 Quality Control/Quality Assurance

7.1 Site visit, research, and report preparation:
The site visit, research and report preparation were conducted by Ms. Rebecca Gorman, Environmental Scientist, in ENSR’s Long Beach, California office. Ms. Gorman completed this report on May 15, 2008. Ms. Gorman’s signature is below and her resume is included in Appendix C.

Signature: __________________________
Rebecca Gorman, Environmental Scientist

7.2 Quality control review
A review of this report was conducted by Mr. Mike Arvidson, Section Manager, in ENSR’s Camarillo, California, office. Mr. Arvidson completed his review of this report on February 26, 2008. Mr. Arvidson has over 9 years of environmental due diligence experience and has performed and/or managed Phase I ESAs of commercial and industrial property located throughout the western United States. Mr. Arvidson’s signature is below and his resume is included in Appendix C.

Signature: ___________________________
Mike Arvidson, Section Manager

7.3 Environmental professional statement
Mr. Brandon Vineyard was the Environmental Professional for this project. Mr. Vineyard’s Environmental Professional statement is below:

I declare that, to the best of our professional knowledge and belief, I meet the definition of an Environmental Professional as defined in §312.10 of 40 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 the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Signature: ___________________________
Brandon Vineyard, REA I
Program Manager

Date: May 15, 2008
8.0 References

8.1 Persons Interviewed/Agencies Contacted

Coale, Robin, Lahontan Regional Water Quality Control Board, Victorville Office, 14440 Civic Drive, Suite 200, Victorville, California 92392, (760) 241-6583, rcoale@waterboards.ca.gov. Contacted by Mr. Jim Fickerson, ENSR Corporation, 1220 Avendia Acaso, Camarillo, California 93012, on May 5, 2008.


Switzer, Ken, Switzer Land Company, 609 West Ojai Avenue, Ojai, California 93023, (805) 646-1276. Interviewed by Ms. Rebecca Gorman, ENSR Corporation, 1220 Avendia Acaso, Camarillo, California 93012, on May 6, 2008.


8.2 Documents Reviewed


Assessor Parcel Information, Kern County Assessors. Information reviewed online at: http://assessor.co.kern.ca.us/kips/property_search.asp


EDR Radius Map with GeoCheck®, Beacon, Cantil, California 93519, dated May 5, 2008. Inquiry Number 2211891.2s. Report prepared by Environmental Data Resources, 440 Wheelers Farms Road, Milford, Connecticut 06460, (800) 352-0050.


FIGURES
FPL Energy
20 Acres of Vacant Desert
Fremont Valley, California

SITE LOCATION MAP

FIGURE 1
APPENDIX A
Representative Site Photographs
# PHOTOGRAPHIC LOG

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<td>West</td>
<td>View of the subject property looking west.</td>
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<td>2</td>
<td>5/6/08</td>
<td>North</td>
<td>View of the subject property looking north.</td>
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<td>View of the subject property looking east.</td>
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<td>4</td>
<td>5/6/08</td>
<td>South</td>
<td>View of the subject property looking south.</td>
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<td>Direction Photo Taken:</td>
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<td>View of overhead power lines to the east of the subject property.</td>
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<td>Photo No.</td>
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<tr>
<td>7</td>
<td>5/6/08</td>
<td>East</td>
<td>View of one of the unpaved access roads through the property.</td>
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<tr>
<td>8</td>
<td>5/6/08</td>
<td>West</td>
<td>View of second unpaved access road through the property.</td>
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APPENDIX B
Environmental Database Report
The EDR Radius Map
with GeoCheck®

Beacon
Beacon
Cantil, CA 93519

Inquiry Number: 2211891.2s

May 05, 2008

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com
Thank you for your business.
Please contact EDR at 1-800-352-0050 with any questions or comments.

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**TARGET PROPERTY INFORMATION**

**ADDRESS**

BEACON  
CANTIL, CA 93519

**COORDINATES**

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<td>Longitude (West):</td>
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**USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

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<td>South Map</td>
<td>35118-B1</td>
<td>1994</td>
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**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:

**FEDERAL RECORDS**

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<td>Comprehensive Environmental Response, Compensation, and Liability Information System</td>
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<td>CERC-NFRAP</td>
<td>CERCLIS No Further Remedial Action Planned</td>
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<tr>
<td>LIENS 2</td>
<td>CERCLA Lien Information</td>
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EXECUTIVE SUMMARY

CORRACTS. Corrective Action Report
RCRA-TSDF. RCRA - Transporters, Storage and Disposal
RCRA-LQG. RCRA - Large Quantity Generators
RCRA-SQG. RCRA - Small Quantity Generators
RCRA-CESQG. RCRA - Conditionally Exempt Small Quantity Generator
RCRA-NonGen. RCRA - Non Generators
US ENG CONTROLS. Engineering Controls Sites List
US INST CONTROL. Sites with Institutional Controls
ERNS. Emergency Response Notification System
HMIRS. Hazardous Materials Information Reporting System
DOT OPS. Incident and Accident Data
US CDL. Clandestine Drug Labs
US BROWNFIELDS. A Listing of Brownfields Sites
DOD. Department of Defense Sites
FUDS. Formerly Used Defense Sites
LUCIS. Land Use Control Information System
CONSENT. Superfund (CERCLA) Consent Decrees
ROD. Records Of Decision
UMTRA. Uranium Mill Tailings Sites
ODI. Open Dump Inventory
DEBRIS RÉGION 9. Torres Martinez Reservation Illegal Dump Site Locations
MINES. Mines Master Index File
TRIS. Toxic Chemical Release Inventory System
TSCA. Toxic Substances Control Act
FTTS. FIGRA/ TSCA Tracking System - FIGRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS. FIGRA/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

STATE AND LOCAL RECORDS

HIST Cal-Sites. Historical Calsites Database
CA BOND EXP. PLAN. Bond Expenditure Plan
SCH. School Property Evaluation Program
Toxic Pits. Toxic Pits Cleanup Act Sites
SWF/LF. Solid Waste Information System
CA WDS. Waste Discharge System
WMUDS/SWAT. Waste Management Unit Database
Cortese. "Cortese" Hazardous Waste & Substances Sites List
SWRCY. Recycler Database
LUST. Geotracker's Leaking Underground Fuel Tank Report
CA FID UST. Facility Inventory Database
SLIC. Statewide SLIC Cases
UST. Active UST Facilities
HIST UST. Hazardous Substance Storage Container Database
AST. Aboveground Petroleum Storage Tank Facilities
LIENS. Environmental Liens Listing
SWEEPS UST. SWEEPS UST Listing
CHMIRS. California Hazardous Material Incident Report System
EXECUTIVE SUMMARY

Notify 65. Proposition 65 Records
DEED. Deed Restriction Listing
VCP. Voluntary Cleanup Program Properties
DRYCLEANERS. Cleaner Facilities
WIP. Well Investigation Program Case List
CDL. Clandestine Drug Labs
RESPONSE. State Response Sites
HAZNET. Facility and Manifest Data
AIRS. Emissions Inventory Data
HAULERS. Registered Waste Tire Haulers Listing
ENVIROSTOR. EnviroStor Database

TRIBAL RECORDS
INDIAN RESERV. Indian Reservations
INDIAN ODI. Report on the Status of Open Dumps on Indian Lands
INDIAN LUST. Leaking Underground Storage Tanks on Indian Land
INDIAN UST. Underground Storage Tanks on Indian Land

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 not identified.

Unmappable (orphan) sites are not considered in the foregoing analysis.
Due to poor or inadequate address information, the following sites were not mapped:

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

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ADDRESS: Beacon,
Santa CA 93519
LAT/LONG: 35.2515 / 118.0452

CLIENT: ENSR Consulting & Engineering
CONTACT: Rebecca Gorman
INQUIRY #: 2211891.2s
DATE: May 05, 2008 1:04 pm

Copyright © 2008 EER, Inc. © 2007 TeleAtlas Ltd.
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<td>HAZNET</td>
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<td>AIRS</td>
<td>TP</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
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<td>HAULERS</td>
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<td>ENVIROSTOR</td>
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#### TRIBAL RECORDS

<p>| | | | | | | | | |</p>
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<thead>
<tr>
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<td>INDIAN RESERV</td>
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<td>INDIAN ODI</td>
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<td>INDIAN LUST</td>
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<td>0</td>
<td>NR</td>
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<tr>
<td>INDIAN UST</td>
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<td>0</td>
<td>NR</td>
<td>NR</td>
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#### EDR PROPRIETARY RECORDS

<p>| | | | | | | | | |</p>
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<tr>
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<tr>
<td>Manufactured Gas Plants</td>
<td>1.000</td>
<td>0</td>
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<td>0</td>
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<td>EDR Historical Auto Stations</td>
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<td>EDR Historical Cleaners</td>
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<td>0</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
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#### NOTES:
- TP = Target Property
- NR = Not Requested at this Search Distance
- Sites may be listed in more than one database
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EDR ID Number</th>
<th>EPA ID Number</th>
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NO SITES FOUND
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<tr>
<th>City</th>
<th>EDR ID</th>
<th>Site Name</th>
<th>Site Address</th>
<th>Zip</th>
<th>Database(s)</th>
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</thead>
<tbody>
<tr>
<td>CANTIL</td>
<td>S104161428</td>
<td>RED ROCK CANYON DEPT OF PARKS</td>
<td>HWY 14</td>
<td>93519</td>
<td>LUST</td>
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<tr>
<td>CANTIL</td>
<td>S105023061</td>
<td>JAWBONE CANYON STORE</td>
<td>32629 HWY 14</td>
<td>93519</td>
<td>LUST, Cortese</td>
</tr>
<tr>
<td>CANTIL</td>
<td>U004113239</td>
<td>RED ROCK CANYON STATE PARK</td>
<td>HWY 14 &amp; ABBOTT DR</td>
<td>93519</td>
<td>UST</td>
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<tr>
<td>CANTIL</td>
<td>S106927734</td>
<td>JAWBONE CANYON STORE</td>
<td>14 MILES N MOJAVE HWY 14</td>
<td>93519</td>
<td>SWEEPS UST</td>
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<tr>
<td>CANTIL</td>
<td>U001586535</td>
<td>JAWBONE CANYON STORE</td>
<td>14 MILES N. MOJAVE HWY 14</td>
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<td>HIST UST</td>
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<td>CANTIL</td>
<td>U004113215</td>
<td>JAWBONE CANYON STORE</td>
<td>19 Mi. N/HWY 14, CANTIL</td>
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<tr>
<td>CANTIL</td>
<td>A100176558</td>
<td>RED ROCK CANYON SP</td>
<td>ST. RTE. 14</td>
<td>93519</td>
<td>AST</td>
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<tr>
<td>KRAMER JCT.</td>
<td>U001586534</td>
<td>FOUR CORNERS UNION</td>
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<td>HIST UST</td>
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<td>MOJAVE</td>
<td>S102426217</td>
<td>CALTRANS MOJAVE MAINTENANCE</td>
<td>HWY 14</td>
<td>93501</td>
<td>UST</td>
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<tr>
<td>MOJAVE</td>
<td>1003879873</td>
<td>MOJAVE BURN DUMP</td>
<td>2M S OF HWY 58/2M E OF MOJAVE</td>
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<td>CERC-NFRAP</td>
</tr>
<tr>
<td>MOJAVE</td>
<td>1000131928</td>
<td>A&amp;W SMELTER AND REFINERS</td>
<td>SILVER QUEEN RD</td>
<td>93501</td>
<td>CERC-NFRAP, HAZNET, Cortese</td>
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<tr>
<td>MOJAVE</td>
<td>1003879941</td>
<td>VICTORY MILLSITE (A &amp; W SMELTER)</td>
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<td>CERC-NFRAP</td>
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<td>MOJAVE</td>
<td>1003879733</td>
<td>BLM-CACTUS GOLD MINES CO.</td>
<td>STAR RTE 1-BACKUS RD &amp; TEHACHAPI-WILLOW</td>
<td>93501</td>
<td>CERC-NFRAP</td>
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</table>
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.

**FEDERAL RECORDS**

**NPL:** National Priority List

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

| Date of Government Version: 01/31/2008 | Source: EPA |
| Date Data Arrived at EDR: 02/08/2008 | Telephone: N/A |
| Date Made Active in Reports: 03/17/2008 | Last EDR Contact: 04/28/2008 |
| Number of Days to Update: 38 | Next Scheduled EDR Contact: 07/28/2008 |

**NPL Site Boundaries**

Sources:

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

- EPA Region 1
  - Telephone 617-918-1143
- EPA Region 3
  - Telephone 215-814-5418
- EPA Region 4
  - Telephone 404-562-8033
- EPA Region 5
  - Telephone 312-886-6686
- EPA Region 10
  - Telephone 206-553-8665

**Proposed NPL:** Proposed National Priority List Sites

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

| Date of Government Version: 01/31/2008 | Source: EPA |
| Date Data Arrived at EDR: 02/04/2008 | Telephone: N/A |
| Date Made Active in Reports: 03/17/2008 | Last EDR Contact: 04/28/2008 |
| Number of Days to Update: 42 | Next Scheduled EDR Contact: 07/28/2008 |

**DELISTED NPL:** National Priority List Deletions

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

| Date of Government Version: 01/31/2008 | Source: EPA |
| Date Data Arrived at EDR: 02/08/2008 | Telephone: N/A |
| Date Made Active in Reports: 03/17/2008 | Last EDR Contact: 04/28/2008 |
| Number of Days to Update: 38 | Next Scheduled EDR Contact: 07/28/2008 |

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: 02/19/2008
Number of Days to Update: 56  Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

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: 01/09/2008  Source: EPA
Date Data Arrived at EDR: 02/05/2008  Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008  Last EDR Contact: 04/25/2008
Number of Days to Update: 15  Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

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: 12/03/2007  Source: EPA
Date Data Arrived at EDR: 12/06/2007  Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008  Last EDR Contact: 03/17/2008
Number of Days to Update: 76  Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information
A Federal CERCLA (‘Superfund’) lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/08/2008  Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/07/2008  Telephone: 202-564-6023
Date Made Active in Reports: 03/20/2008  Last EDR Contact: 02/15/2008
Number of Days to Update: 13  Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

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

Date of Government Version: 12/12/2007  Source: EPA
Date Data Arrived at EDR: 12/18/2007  Telephone: 800-424-9346
Date Made Active in Reports: 02/20/2008  Last EDR Contact: 03/03/2008
Number of Days to Update: 64  Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

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

| Date of Government Version: 03/06/2008 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/06/2008 | Telephone: (415) 495-8895 |
| Date Made Active in Reports: 04/18/2008 | Last EDR Contact: 03/06/2008 |
| Number of Days to Update: 43 | Next Scheduled EDR Contact: 05/19/2008 |
| 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: 03/06/2008 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/06/2008 | Telephone: (415) 495-8895 |
| Date Made Active in Reports: 04/18/2008 | Last EDR Contact: 03/06/2008 |
| Number of Days to Update: 43 | Next Scheduled EDR Contact: 05/19/2008 |
| 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: 03/06/2008 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/06/2008 | Telephone: (415) 495-8895 |
| Date Made Active in Reports: 04/18/2008 | Last EDR Contact: 03/06/2008 |
| Number of Days to Update: 43 | Next Scheduled EDR Contact: 05/19/2008 |
| Data Release Frequency: Varies | |

### 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: 03/06/2008 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/06/2008 | Telephone: (415) 495-8895 |
| Date Made Active in Reports: 04/18/2008 | Last EDR Contact: 03/06/2008 |
| Number of Days to Update: 43 | Next Scheduled EDR Contact: 05/19/2008 |
| Data Release Frequency: Varies |
US ENG CONTROLS: Engineering Controls Sites List
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/18/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
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: 01/18/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Varies

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

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 54
Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/22/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Annually

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

Date of Government Version: 10/31/2007
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 60
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/16/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Annually

DOT OPS: Incident and Accident Data
Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 02/14/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 22
Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Varies

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.
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 agreement 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.

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.

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.

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

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.
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.

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.

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.

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.

MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

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: 12/31/2006  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49  
Next Scheduled EDR Contact: 06/16/2008  
Source:  EPA  
Telephone:  202-566-0250  
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: 12/31/2002  
Date Data Arrived at EDR: 04/14/2006  
Date Made Active in Reports: 05/30/2006  
Number of Days to Update: 46  
Next Scheduled EDR Contact: 07/14/2008  
Source:  EPA  
Telephone:  202-260-5521  
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: 01/15/2008  
Date Data Arrived at EDR: 01/22/2008  
Date Made Active in Reports: 01/30/2008  
Number of Days to Update: 8  
Next Scheduled EDR Contact: 06/16/2008  
Source:  EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone:  202-566-1667  
Data Release Frequency: Quarterly

FTTS INS: 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: 01/15/2008  
Date Data Arrived at EDR: 01/22/2008  
Date Made Active in Reports: 01/30/2008  
Number of Days to Update: 8  
Next Scheduled EDR Contact: 06/16/2008  
Source:  EPA  
Telephone:  202-566-1667  
Data Release Frequency: Quarterly

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

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

HIST FTTS INS: 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.
<table>
<thead>
<tr>
<th>SSTS: Section 7 Tracking Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date of Government Version: 12/31/2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source: EPA</td>
</tr>
<tr>
<td>Telephone: 202-564-4203</td>
</tr>
<tr>
<td>Last EDR Contact: 04/14/2008</td>
</tr>
<tr>
<td>Next Scheduled EDR Contact: 07/14/2008</td>
</tr>
<tr>
<td>Data Release Frequency: Annually</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ICIS: Integrated Compliance Information System</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Source: Environmental Protection Agency</td>
</tr>
<tr>
<td>Telephone: 202-564-5088</td>
</tr>
<tr>
<td>Last EDR Contact: 04/14/2008</td>
</tr>
<tr>
<td>Next Scheduled EDR Contact: 07/14/2008</td>
</tr>
<tr>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PADS: PCB Activity Database System</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date of Government Version: 12/04/2007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source: EPA</td>
</tr>
<tr>
<td>Telephone: 202-566-0500</td>
</tr>
<tr>
<td>Last EDR Contact: 02/07/2008</td>
</tr>
<tr>
<td>Next Scheduled EDR Contact: 05/05/2008</td>
</tr>
<tr>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MLTS: Material Licensing Tracking System</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date of Government Version: 01/15/2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source: Nuclear Regulatory Commission</td>
</tr>
<tr>
<td>Telephone: 301-415-7169</td>
</tr>
<tr>
<td>Last EDR Contact: 03/31/2008</td>
</tr>
<tr>
<td>Next Scheduled EDR Contact: 06/30/2008</td>
</tr>
<tr>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RADINFO: Radiation Information Database</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date of Government Version: 01/29/2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source: Environmental Protection Agency</td>
</tr>
<tr>
<td>Telephone: 202-343-9775</td>
</tr>
<tr>
<td>Last EDR Contact: 05/01/2008</td>
</tr>
<tr>
<td>Next Scheduled EDR Contact: 07/28/2008</td>
</tr>
<tr>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>
FINDS: Facility Index System/Facility Registry System
Facility Index System. FINDS contains both facility information and ‘pointers’ to other sources that contain more
detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric
Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial
enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal
Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities
Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/04/2008
Date Data Arrived at EDR: 01/10/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 41
Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35
Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
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: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38
Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/13/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

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

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/25/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: No Update Planned

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
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: 02/26/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 29
Next Scheduled EDR Contact: 02/25/2008
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
Last EDR Contact: 04/28/2008
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: No Update Planned

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: 03/10/2008
Date Data Arrived at EDR: 03/12/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 33
Last EDR Contact: 03/12/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Quarterly

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

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

CA 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
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
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: 04/01/2001  
Source: CAL EPA/Office of Emergency Information

Date Data Arrived at EDR: 05/29/2001  
Telephone: 916-323-3400

Date Made Active in Reports: 07/26/2001  
Last EDR Contact: 04/21/2008

Number of Days to Update: 58  
Next Scheduled EDR Contact: 07/21/2008

Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 01/07/2008  
Source: Department of Conservation

Date Data Arrived at EDR: 01/09/2008  
Telephone: 916-323-3836

Date Made Active in Reports: 02/14/2008  
Last EDR Contact: 04/09/2008

Number of Days to Update: 36  
Next Scheduled EDR Contact: 07/07/2008

Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001  
Source: California Regional Water Quality Control Board San Diego Region (9)

Date Data Arrived at EDR: 04/23/2001  
Telephone: 858-637-5595

Date Made Active in Reports: 05/21/2001  
Last EDR Contact: 04/14/2008

Number of Days to Update: 28  
Next Scheduled EDR Contact: 07/14/2008

Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 02/14/2005  
Source: California Regional Water Quality Control Board Santa Ana Region (8)

Date Data Arrived at EDR: 02/15/2005  
Telephone: 909-782-4496

Date Made Active in Reports: 03/28/2005  
Last EDR Contact: 05/05/2008

Number of Days to Update: 41  
Next Scheduled EDR Contact: 08/04/2008

Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/2005  
Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Date Data Arrived at EDR: 06/07/2005  
Telephone: 760-241-7365

Date Made Active in Reports: 06/29/2005  
Last EDR Contact: 03/31/2008

Number of Days to Update: 22  
Next Scheduled EDR Contact: 06/30/2008

Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 09/09/2003  
Source: California Regional Water Quality Control Board Lahontan Region (6)

Date Data Arrived at EDR: 09/10/2003  
Telephone: 530-542-5572

Date Made Active in Reports: 10/07/2003  
Last EDR Contact: 03/03/2008

Number of Days to Update: 27  
Next Scheduled EDR Contact: 06/02/2008

Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 01/01/2008  
Source: California Regional Water Quality Control Board Central Valley Region (5)

Date Data Arrived at EDR: 01/23/2008  
Telephone: 916-464-4834

Date Made Active in Reports: 02/14/2008  
Last EDR Contact: 04/23/2008

Number of Days to Update: 22  
Next Scheduled EDR Contact: 06/30/2008

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: 03/24/2008  
Next Scheduled EDR Contact: 06/23/2008  
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: 02/11/2008  
Next Scheduled EDR Contact: 05/12/2008  
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30  
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-622-2433  
Last EDR Contact: 04/07/2008  
Next Scheduled EDR Contact: 07/07/2008  
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: 02/19/2008  
Next Scheduled EDR Contact: 05/19/2008  
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: 01/07/2008  
Date Data Arrived at EDR: 01/09/2008  
Date Made Active in Reports: 02/14/2008  
Number of Days to Update: 36  
Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 04/09/2008  
Next Scheduled EDR Contact: 07/07/2008  
Data Release Frequency: Quarterly

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

Date of Government Version: 02/26/2004  
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: 02/19/2008  
Next Scheduled EDR Contact: 05/19/2008  
Data Release Frequency: No Update Planned
CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

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

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: 01/07/2008
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 36
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: N/A
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: 01/09/2008
Next Scheduled EDR Contact: 05/19/2008
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: 04/07/2008
Next Scheduled EDR Contact: 04/07/2008
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: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
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: 04/21/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Varies
SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
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: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
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: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
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: 03/03/2008
Next Scheduled EDR Contact: 05/19/2008
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: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
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: 02/25/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Annually
UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies.

- Date of Government Version: 04/08/2008
- Date Data Arrived at EDR: 04/09/2008
- Date Made Active in Reports: 05/01/2008
- Number of Days to Update: 22
- Source: SWRCB
- Telephone: 916-480-1028
- Last EDR Contact: 04/09/2008
- Next Scheduled EDR Contact: 07/07/2008
- Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

- Date of Government Version: 03/24/2008
- Date Data Arrived at EDR: 03/25/2008
- Date Made Active in Reports: 04/09/2008
- Number of Days to Update: 15
- Source: Department of Public Health
- Telephone: 707-463-4466
- Last EDR Contact: 03/24/2008
- Next Scheduled EDR Contact: 06/23/2008
- Data Release Frequency: Varies

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

- Date of Government Version: 10/15/1990
- Date Data Arrived at EDR: 01/25/1991
- Date Made Active in Reports: 02/12/1991
- Number of Days to Update: 18
- Source: State Water Resources Control Board
- Telephone: 916-341-5851
- Last EDR Contact: 07/26/2001
- Next Scheduled EDR Contact: N/A
- Data Release Frequency: No Update Planned

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

- Date of Government Version: 02/05/2008
- Date Data Arrived at EDR: 02/06/2008
- Date Made Active in Reports: 03/14/2008
- Number of Days to Update: 37
- Source: Department of Toxic Substances Control
- Telephone: 916-323-3400
- Last EDR Contact: 05/05/2008
- Next Scheduled EDR Contact: 08/04/2008
- Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

- Date of Government Version: 11/01/2007
- Date Data Arrived at EDR: 11/27/2007
- Date Made Active in Reports: 02/14/2008
- Number of Days to Update: 79
- Source: State Water Resources Control Board
- Telephone: 916-341-5712
- Last EDR Contact: 04/28/2008
- Next Scheduled EDR Contact: 07/28/2008
- Data Release Frequency: Quarterly

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

- Date of Government Version: 06/01/1994
- Date Data Arrived at EDR: 07/07/2005
- Date Made Active in Reports: 08/11/2005
- Number of Days to Update: 35
- Source: State Water Resources Control Board
- Telephone: N/A
- Last EDR Contact: 06/03/2005
- Next Scheduled EDR Contact: N/A
- Data Release Frequency: No Update Planned

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).
NOTIFY 65: Proposition 65 Records
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

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.

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.

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.

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.
<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDL:</td>
<td>Clandestine Drug Labs&lt;br&gt;A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.</td>
</tr>
<tr>
<td></td>
<td>Date of Government Version: 09/30/2007&lt;br&gt;Date Data Arrived at EDR: 10/15/2007&lt;br&gt;Date Made Active in Reports: 11/07/2007&lt;br&gt;Number of Days to Update: 23&lt;br&gt;Source: Department of Toxic Substances Control&lt;br&gt;Telephone: 916-255-6504&lt;br&gt;Last EDR Contact: 04/21/2008&lt;br&gt;Next Scheduled EDR Contact: 07/21/2008&lt;br&gt;Data Release Frequency: Varies</td>
</tr>
<tr>
<td>RESPONSE:</td>
<td>State Response Sites&lt;br&gt;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.</td>
</tr>
<tr>
<td></td>
<td>Date of Government Version: 02/26/2008&lt;br&gt;Date Data Arrived at EDR: 02/27/2008&lt;br&gt;Date Made Active in Reports: 03/27/2008&lt;br&gt;Number of Days to Update: 29&lt;br&gt;Source: Department of Toxic Substances Control&lt;br&gt;Telephone: 916-323-3400&lt;br&gt;Last EDR Contact: 02/27/2008&lt;br&gt;Next Scheduled EDR Contact: 05/26/2008&lt;br&gt;Data Release Frequency: Quarterly</td>
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<tr>
<td>HAZNET:</td>
<td>Facility and Manifest Data&lt;br&gt;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.</td>
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<tr>
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<td>Date of Government Version: 12/31/2006&lt;br&gt;Date Data Arrived at EDR: 10/04/2007&lt;br&gt;Date Made Active in Reports: 11/07/2007&lt;br&gt;Number of Days to Update: 34&lt;br&gt;Source: California Environmental Protection Agency&lt;br&gt;Telephone: 916-255-1136&lt;br&gt;Last EDR Contact: 02/08/2008&lt;br&gt;Next Scheduled EDR Contact: 05/05/2008&lt;br&gt;Data Release Frequency: Annually</td>
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<tr>
<td>EMI:</td>
<td>Emissions Inventory Data&lt;br&gt;Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.</td>
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<td></td>
<td>Date of Government Version: 12/31/2005&lt;br&gt;Date Data Arrived at EDR: 04/17/2007&lt;br&gt;Date Made Active in Reports: 05/10/2007&lt;br&gt;Number of Days to Update: 23&lt;br&gt;Source: California Air Resources Board&lt;br&gt;Telephone: 916-322-2990&lt;br&gt;Last EDR Contact: 04/18/2008&lt;br&gt;Next Scheduled EDR Contact: 07/14/2008&lt;br&gt;Data Release Frequency: Varies</td>
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<tr>
<td>ENVIROSTOR:</td>
<td>EnviroStor Database&lt;br&gt;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.</td>
</tr>
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### GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
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<td>03/04/2008</td>
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<td>05/19/2008</td>
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<td>03/12/2008</td>
<td>EPA Region 1</td>
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<td>03/20/2008</td>
<td>05/19/2008</td>
<td>6</td>
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### TRIBAL RECORDS

#### 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.

<table>
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#### INDIAN ODI:
Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

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

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

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

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<td>21</td>
<td>EPA Region 7</td>
<td>913-551-7003</td>
<td>02/15/2008</td>
<td>05/19/2008</td>
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</tbody>
</table>
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.

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: 01/28/2008
Date Data Arrived at EDR: 01/29/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 16
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 05/05/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 01/28/2008
Date Data Arrived at EDR: 01/29/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 10
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 05/05/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

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

Date of Government Version: 03/07/2008
Date Data Arrived at EDR: 03/11/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 16
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/25/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Semi-Annually

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: 01/16/2008
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 28
Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/18/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Semi-Annually

KERN COUNTY:

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

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 04/18/2008
Date Made Active in Reports: 05/01/2008
Number of Days to Update: 13
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 04/16/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

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: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0
Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date Data Arrived at EDR: 02/22/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 23
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 02/12/2008
Date Data Arrived at EDR: 02/21/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 35
Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 02/14/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2008
Date Data Arrived at EDR: 03/20/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 25
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/12/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies
Site Mitigation List
Industrial sites that have had some sort of spill or complaint.
Date of Government Version: 05/30/2007
Source: Community Health Services
Date Data Arrived at EDR: 07/11/2007
Telephone: 323-890-7806
Date Made Active in Reports: 08/09/2007
Last EDR Contact: 02/11/2008
Number of Days to Update: 29
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.
Date of Government Version: 02/11/2008
Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 02/21/2008
Telephone: 310-524-2236
Date Made Active in Reports: 03/14/2008
Last EDR Contact: 02/11/2008
Number of Days to Update: 22
Next Scheduled EDR Contact: 05/12/2008
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: 02/19/2008
Number of Days to Update: 34
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.
Date of Government Version: 02/26/2008
Source: City of Torrance Fire Department
Date Data Arrived at EDR: 02/27/2008
Telephone: 310-618-2973
Date Made Active in Reports: 03/14/2008
Last EDR Contact: 02/25/2008
Number of Days to Update: 16
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Semi-Annually

MARIN COUNTY:
Underground Storage Tank Sites
Currently permitted USTs in Marin County.
Date of Government Version: 02/04/2008
Source: Public Works Department Waste Management
Date Data Arrived at EDR: 02/21/2008
Telephone: 415-499-6647
Date Made Active in Reports: 03/14/2008
Last EDR Contact: 04/28/2008
Number of Days to Update: 22
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: Semi-Annually

NAPA COUNTY:
Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.
Date of Government Version: 01/15/2008
Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/16/2008
Telephone: 707-253-4269
Date Made Active in Reports: 02/14/2008
Last EDR Contact: 04/07/2008
Number of Days to Update: 29
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Semi-Annually
### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

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<td>Number of Days to Update</td>
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</tr>
<tr>
<td></td>
<td>Data Release Frequency: Annually</td>
</tr>
</tbody>
</table>

### ORANGE COUNTY:

#### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Health Care Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 714-834-3446</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 03/06/2008</td>
</tr>
<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 06/02/2008</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Annually</td>
</tr>
</tbody>
</table>

#### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Health Care Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 714-834-3446</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 03/06/2008</td>
</tr>
<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 06/02/2008</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>

#### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Health Care Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 714-834-3446</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 03/06/2008</td>
</tr>
<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 06/02/2008</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>

### PLACER COUNTY:

#### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Placer County Health and Human Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 530-889-7312</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 03/17/2008</td>
</tr>
<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 06/16/2008</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Semi-Annually</td>
</tr>
</tbody>
</table>

### RIVERSIDE COUNTY:

#### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Department of Public Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 951-358-5055</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 04/14/2008</td>
</tr>
<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 07/14/2008</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>
Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
<th>Date Made Active in Reports</th>
<th>Last EDR Contact</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/06/2007</td>
<td>Health Services Agency</td>
<td>08/07/2007</td>
<td>951-358-5055</td>
<td>09/24/2007</td>
<td>04/14/2008</td>
<td>48</td>
<td>07/14/2008</td>
<td>Quarterly</td>
</tr>
</tbody>
</table>

SACRAMENTO COUNTY:

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

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
<th>Date Made Active in Reports</th>
<th>Last EDR Contact</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>02/11/2008</td>
<td>Sacramento County Environmental Management</td>
<td>02/27/2008</td>
<td>916-875-8406</td>
<td>03/14/2008</td>
<td>05/02/2008</td>
<td>16</td>
<td>07/28/2008</td>
<td>Quarterly</td>
</tr>
</tbody>
</table>

ML - Regulatory Compliance Master List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
<th>Date Made Active in Reports</th>
<th>Last EDR Contact</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>02/11/2008</td>
<td>Sacramento County Environmental Management</td>
<td>02/27/2008</td>
<td>916-875-8406</td>
<td>03/14/2008</td>
<td>05/02/2008</td>
<td>16</td>
<td>07/28/2008</td>
<td>Quarterly</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
<th>Date Made Active in Reports</th>
<th>Last EDR Contact</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>03/18/2008</td>
<td>San Bernardino County Fire Department Hazardous Materials Division</td>
<td>03/19/2008</td>
<td>909-387-3041</td>
<td>04/14/2008</td>
<td>03/03/2008</td>
<td>26</td>
<td>12/03/2007</td>
<td>Quarterly</td>
</tr>
</tbody>
</table>

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.)

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Date Data Arrived at EDR</th>
<th>Telephone</th>
<th>Date Made Active in Reports</th>
<th>Last EDR Contact</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/16/2005</td>
<td>Hazardous Materials Management Division</td>
<td>05/18/2005</td>
<td>619-338-2268</td>
<td>06/16/2005</td>
<td>04/02/2008</td>
<td>29</td>
<td>06/30/2008</td>
<td>Quarterly</td>
</tr>
</tbody>
</table>
Solid Waste Facilities
San Diego County Solid Waste Facilities.
Date of Government Version: 08/01/2007
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 9
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
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 Data Arrived at EDR: 03/13/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 32
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 04/23/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:
Local Oversight Facilities
A listing of leaking underground storage tank sites located in San Francisco county.
Date of Government Version: 03/03/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.
Date of Government Version: 03/03/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 10
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
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: 02/01/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 17
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:
Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.
Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 02/01/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 13
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 04/07/2008
Next Scheduled EDR Contact: 07/07/2008
Data Release Frequency: Annually
Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.
Date of Government Version: 01/09/2008
Date Data Arrived at EDR: 01/11/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 34
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 04/07/2008
Next Scheduled EDR Contact: 07/07/2008
Data Release Frequency: Semi-Annually

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: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.
Date of Government Version: 02/01/2008
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 9
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 04/28/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Varies

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.
Date of Government Version: 03/04/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 10
Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.
Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.
Date of Government Version: 04/04/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/01/2008
Number of Days to Update: 9
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Quarterly

SONOMA COUNTY:
Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.
Date of Government Version: 01/22/2008  Source: Department of Health Services
Date Data Arrived at EDR: 01/22/2008  Telephone: 707-565-6565
Date Made Active in Reports: 02/14/2008  Last EDR Contact: 04/21/2008
Number of Days to Update: 23  Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Quarterly

SUTTER COUNTY:
Underground Storage Tanks
Underground storage tank sites located in Sutter county.
Date of Government Version: 05/04/2007  Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 05/04/2007  Telephone: 530-822-7500
Date Made Active in Reports: 05/24/2007  Last EDR Contact: 03/31/2008
Number of Days to Update: 20  Next Scheduled EDR Contact: 06/30/2008
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: 02/27/2008  Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 03/25/2008  Telephone: 805-654-2813
Date Made Active in Reports: 04/14/2008  Last EDR Contact: 03/12/2008
Number of Days to Update: 20  Next Scheduled EDR Contact: 06/09/2008
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: 08/01/2007  Source: Environmental Health Division
Date Data Arrived at EDR: 08/29/2007  Telephone: 805-654-2813
Date Made Active in Reports: 09/26/2007  Last EDR Contact: 02/19/2008
Number of Days to Update: 28  Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).
Date of Government Version: 02/27/2008  Source: Environmental Health Division
Date Data Arrived at EDR: 03/25/2008  Telephone: 805-654-2813
Date Made Active in Reports: 04/14/2008  Last EDR Contact: 03/12/2008
Number of Days to Update: 20  Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.
Date of Government Version: 03/26/2008  Source: Environmental Health Division
Date Data Arrived at EDR: 04/09/2008  Telephone: 805-654-2813
Date Made Active in Reports: 05/01/2008  Last EDR Contact: 04/09/2008
Number of Days to Update: 22  Next Scheduled EDR Contact: 07/07/2008
Data Release Frequency: Quarterly

YOLO COUNTY:
Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 01/29/2008
Date Data Arrived at EDR: 02/20/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 23
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 04/28/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Annually

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: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66
Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 03/14/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 12/04/2007
Date Made Active in Reports: 12/31/2007
Number of Days to Update: 27
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/03/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 02/15/2008
Date Data Arrived at EDR: 02/28/2008
Date Made Active in Reports: 04/09/2008
Number of Days to Update: 41
Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/28/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/10/2008
Number of Days to Update: 20
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Annually

RI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 10/01/2007
Date Data Arrived at EDR: 11/09/2007
Date Made Active in Reports: 01/15/2008
Number of Days to Update: 67
Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Annually
WI MANIFEST: Manifest Information

- Hazardous waste manifest information.
- Date of Government Version: 12/31/2006
- Date Data Arrived at EDR: 04/27/2007
- Date Made Active in Reports: 06/08/2007
- Number of Days to Update: 42
- Source: Department of Natural Resources
- Telephone: N/A
- Last EDR Contact: 04/07/2008
- Next Scheduled EDR Contact: 07/07/2008
- 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: PennWell Corporation
- Telephone: (800) 823-6277
- This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

AHA Hospitals:

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

Medical Centers: Provider of Services Listing

- Source: Centers for Medicare & Medicaid Services
- Telephone: 410-786-3000
- A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

- Source: National Institutes of Health
- Telephone: 301-594-6248
- Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

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

Private Schools

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

Daycare Centers: Licensed Facilities

- Source: Department of Social Services
- Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

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.
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

<table>
<thead>
<tr>
<th>Target Property County</th>
<th>FEMA Flood Electronic Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>KERN, CA</td>
<td>YES - refer to the Overview Map and Detail Map</td>
</tr>
</tbody>
</table>

| Flood Plain Panel at Target Property | 0600751400B |
| Additional Panels in search area:    | 0600751375B |

NATIONAL WETLAND INVENTORY

<table>
<thead>
<tr>
<th>NWI Quad at Target Property</th>
<th>NWI Electronic Data Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>CINCO</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

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

Site-Specific Hydrogeological Data:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

<table>
<thead>
<tr>
<th>ROCK STRATIGRAPHIC UNIT</th>
<th>GEOLOGIC AGE IDENTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Era:</td>
<td>Cenozoic</td>
</tr>
<tr>
<td>System:</td>
<td>Quaternary</td>
</tr>
<tr>
<td>Series:</td>
<td>Quaternary</td>
</tr>
<tr>
<td>Code:</td>
<td>Q</td>
</tr>
</tbody>
</table>

Category: Stratified Sequence
(decoded above as Era, System & Series)


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: ARIZO

Soil Surface Texture: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydraulic Conductivity: Not reported

Depth to Bedrock Min: > 0 inches

Depth to Water table Min: > 0 inches

SOIL LAYER INFORMATION

<table>
<thead>
<tr>
<th>Layer</th>
<th>Upper</th>
<th>Lower</th>
<th>Soil Texture Class</th>
<th>AASHTO Group</th>
<th>Unified Soil</th>
<th>Saturated hydraulic conductivity (micro m/sec)</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>3 inches</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Max: 141</td>
<td>Min: 141</td>
<td>Max: 8.4</td>
</tr>
<tr>
<td>2</td>
<td>3 inches</td>
<td>64 inches</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Max: 141</td>
<td>Min: 141</td>
<td>Max: 8.4</td>
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</table>

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

<table>
<thead>
<tr>
<th>DATABASE</th>
<th>SEARCH DISTANCE (miles)</th>
</tr>
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<tbody>
<tr>
<td>Federal USGS</td>
<td>1.000</td>
</tr>
<tr>
<td>Federal FRDS PWS</td>
<td>Nearest PWS within 1 mile</td>
</tr>
<tr>
<td>State Database</td>
<td>1.000</td>
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</tbody>
</table>
### FEDERAL USGS WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2</td>
<td>USGS3161660</td>
<td>1/4 - 1/2 Mile SE</td>
</tr>
<tr>
<td>3</td>
<td>USGS3161522</td>
<td>1/4 - 1/2 Mile ENE</td>
</tr>
<tr>
<td>B5</td>
<td>USGS3161501</td>
<td>1/2 - 1 Mile ENE</td>
</tr>
<tr>
<td>C7</td>
<td>USGS3161655</td>
<td>1/2 - 1 Mile ESE</td>
</tr>
<tr>
<td>D8</td>
<td>USGS3161574</td>
<td>1/2 - 1 Mile NNE</td>
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<tr>
<td>10</td>
<td>USGS3161569</td>
<td>1/2 - 1 Mile NNE</td>
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<tr>
<td>D11</td>
<td>USGS3161575</td>
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### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

No PWS System Found

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

### STATE DATABASE WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
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<th>LOCATION</th>
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</thead>
<tbody>
<tr>
<td>A1</td>
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<td>1/4 - 1/2 Mile SSE</td>
</tr>
<tr>
<td>B4</td>
<td>CADW10000020911</td>
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<tr>
<td>C6</td>
<td>CADW10000020843</td>
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<td>D9</td>
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### GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

#### A1

**SSE**

1/4 - 1/2 Mile

**Lower**

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<td>Lat:</td>
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<td>Stwellno:</td>
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<td>Wellusecod:</td>
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<td>Countycode:</td>
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<tr>
<td>Gwcode:</td>
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#### A2

**SE**

1/4 - 1/2 Mile

**Lower**

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<tr>
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<td>031S037E07J001M</td>
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<td>Dec latlong datum:</td>
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<tr>
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<td>County:</td>
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<td>MOJAVE NE</td>
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<td>Altitude:</td>
<td>2260.00</td>
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<tr>
<td>Altitude method:</td>
<td>Interpolated from topographic map</td>
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<tr>
<td>Altitude accuracy:</td>
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<tr>
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<td>National Geodetic Vertical Datum of 1929</td>
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<tr>
<td>Topographic:</td>
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<tr>
<td>Site type:</td>
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<tr>
<td>Date construction:</td>
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<td>Local standard time flag:</td>
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</tr>
<tr>
<td>Type of ground water site:</td>
<td>Single well, other than collector or Ranney type</td>
</tr>
<tr>
<td>Aquifer Type:</td>
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<tr>
<td>Water quality data count:</td>
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**Database**

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**Map ID**

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<tr>
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<td>A1</td>
<td>SSE</td>
<td>1/4 - 1/2 Mile</td>
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</table>

**Country**

- US

**County**

- 029

**State**

- 06

**District**

- NAD83
3
ENE
1/4 - 1/2 Mile
Lower

Ground-water levels, Number of Measurements: 1

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<th>Feet to</th>
<th>Date</th>
<th>Surface</th>
<th>Sealevel</th>
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</thead>
<tbody>
<tr>
<td></td>
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<table>
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<tr>
<td>Longitude:</td>
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<td>M</td>
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<td>Latlong datum:</td>
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<td>Altitude method:</td>
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<td>Site type:</td>
<td>Ground-water other than Spring</td>
<td>Local standard time flag:</td>
<td>Y</td>
</tr>
<tr>
<td>Date inventoried:</td>
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<td>Type of ground water site:</td>
<td>Single well, other than collector or Ranney type</td>
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Ground-water levels, Number of Measurements: 0
Ground-water levels, Number of Measurements: 43

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<tbody>
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<td>Note: The measurement was discontinued.</td>
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</tr>
<tr>
<td>1976-01-07</td>
<td>275.50</td>
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</tr>
<tr>
<td>1974-02-15</td>
<td>213.40</td>
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<tr>
<td>1972-03-15</td>
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<td>1971-03-17</td>
<td>194.23</td>
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<tr>
<td>1970-03-17</td>
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<td>1969-04-15</td>
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<td>1967-10-10</td>
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<tr>
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<td></td>
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<td>1965-10-18</td>
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<td>1963-11-06</td>
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<table>
<thead>
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<td>1969-09-18</td>
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Ground-water levels, continued.

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C6
SE
1/2 - 1 Mile
Lower

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<tbody>
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<td>Shwellno:</td>
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<tr>
<td>Distriicco:</td>
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<tr>
<td>Wellusecod:</td>
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<td>Gwcode:</td>
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C7
ESE
1/2 - 1 Mile
Lower

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<td>Dec latlong datum:</td>
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<tr>
<td>State:</td>
<td>06</td>
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<tr>
<td>Country:</td>
<td>US</td>
</tr>
<tr>
<td>Location map:</td>
<td>MOJAVE NE</td>
</tr>
<tr>
<td>Altitude:</td>
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<tr>
<td>Altitude method:</td>
<td>Interpolated from topographic map</td>
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<tr>
<td>Altitude accuracy:</td>
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<tr>
<td>Altitude datum:</td>
<td>National Geodetic Vertical Datum of 1929</td>
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<tr>
<td>Topographic:</td>
<td>Not Reported</td>
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<tr>
<td>Site type:</td>
<td>Ground-water other than Spring</td>
</tr>
<tr>
<td>Date inventoried:</td>
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</tr>
<tr>
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<td>Local standard time flag:</td>
<td>Y</td>
</tr>
<tr>
<td>Type of ground water site:</td>
<td>Single well, other than collector or Ranney type</td>
</tr>
<tr>
<td>Aquifer Type:</td>
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</tr>
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<td>Aquifer:</td>
<td>Not Reported</td>
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<td>813</td>
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<tr>
<td>Project number:</td>
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<tr>
<td>Peak flow data begin date:</td>
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
Ground-water levels, Number of Measurements: 1

<table>
<thead>
<tr>
<th>Date</th>
<th>Surface Feet below</th>
<th>Sealevel Feet to</th>
</tr>
</thead>
<tbody>
<tr>
<td>1973-12-20</td>
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**D8**

**NNE**

1/2 - 1 Mile Lower

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<thead>
<tr>
<th>Agency cd:</th>
<th>USGS</th>
</tr>
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<tr>
<td>Site name:</td>
<td>031S037E06J001M</td>
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<tr>
<td>Latitude:</td>
<td>351548</td>
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<td>1180220</td>
</tr>
<tr>
<td>Dec lon:</td>
<td>-118.03979434</td>
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<tr>
<td>Coor acc.:</td>
<td>U</td>
</tr>
<tr>
<td>Dec latlong datum:</td>
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</tr>
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<td>State:</td>
<td>06</td>
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<td>US</td>
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<td>Altitude accuracy:</td>
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</tr>
<tr>
<td>Altitude datum:</td>
<td>National Geodetic Vertical Datum of 1929</td>
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<td>Ground-water other than Spring</td>
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</tr>
<tr>
<td>Daytime:</td>
<td>Not Reported</td>
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<tr>
<td>Local standard time flag:</td>
<td>Y</td>
</tr>
<tr>
<td>Type of ground water site:</td>
<td>Single well, other than collector or Ranney type</td>
</tr>
<tr>
<td>Aquifer Type:</td>
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</tr>
<tr>
<td>Aquifer:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Well depth:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Source of depth data:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Project number:</td>
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</tr>
<tr>
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<td>Daily flow data end date:</td>
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</tr>
<tr>
<td>Peak flow data begin date:</td>
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<td>Peak flow data end date:</td>
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</tr>
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<td>Water quality data count:</td>
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<tr>
<td>Ground water data count:</td>
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**D9**

**NNE**

1/2 - 1 Mile Lower

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<tr>
<th>Agency cd:</th>
<th>CA WELLS</th>
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<tbody>
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<tr>
<td>Longitude:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Dec lon:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Dec lat:</td>
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</tr>
<tr>
<td>Altitude:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Altitude method:</td>
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<td>Date inventoried:</td>
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<td>Daytime:</td>
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<tr>
<td>Type of ground water site:</td>
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</tr>
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<td>Not Reported</td>
</tr>
<tr>
<td>Aquifer:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Well depth:</td>
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</tr>
<tr>
<td>Source of depth data:</td>
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<td>Project number:</td>
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<td>Daily flow data end date:</td>
<td>Not Reported</td>
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<tr>
<td>Peak flow data begin date:</td>
<td>Not Reported</td>
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<tr>
<td>Peak flow data end date:</td>
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</tr>
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<td>Water quality data count:</td>
<td>Not Reported</td>
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<td>Ground water data count:</td>
<td>Not Reported</td>
</tr>
</tbody>
</table>
Longn: -118.0398
Latn: 35.2636
Swellno: 31S37E05M001M
Districtco: 3
Wellusecod: Z
Countycode: 15
Gwcode: 604600
Site id: CADW10000021020

10
NNE
1/2 - 1 Mile
Lower

Agency cd: USGS
Site name: 031S037E05M002S
Latitude: 351545
Longitude: 1180211
Dec lon: -118.03729428
Dec lat: 35.26246202
Coor accr: U
Latlong datum: NAD27
Dec latlong datum: NAD83
State: 06
County: 029
Country: US
Location map: Not Reported
Altitude: 2150.00
Altitude method: Interpolated from topographic map
Altitude accuracy: 20
Altitude datum: National Geodetic Vertical Datum of 1929
Topographic: Not Reported
Site type: Ground-water other than Spring
Date construction: Not Reported
Date inventoried: Not Reported
Mean greenwich time offset: PST
Local standard time flag: Y
Type of ground water site: Single well, other than collector or Ranney type
Aquifer Type: Not Reported
Aquifer: Not Reported
Well depth: Not Reported
Hole depth: Not Reported
Source of depth data: Not Reported
Project number: Not Reported
Real time data flag: 0
Daily flow data end date: 0000-00-00
Daily flow data begin date: 0000-00-00
Peak flow data count: 0
Peak flow data end date: 0000-00-00
Peak flow data begin date: 0000-00-00
Water quality data end date: 1975-05-19
Water quality data count: 2
Ground water data end date: 0000-00-00
Ground water data begin date: 0000-00-00
Ground water data count: 0

Ground-water levels, Number of Measurements: 0
Ground-water levels, Number of Measurements: 3

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<th>Feet to Sealevel</th>
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<th>Feet to Sealevel</th>
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<tr>
<td>1958-01-28</td>
<td>155.78</td>
<td></td>
<td>1958-01-01</td>
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<tr>
<td>1946</td>
<td>150.00</td>
<td></td>
<td>1958-01-28</td>
<td></td>
<td>155.78</td>
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</table>
Federal EPA Radon Zone for KERN County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
   - Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
   - Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KERN COUNTY, CA
Number of sites tested: 94

<table>
<thead>
<tr>
<th>Area</th>
<th>Average Activity</th>
<th>% &lt;4 pCi/L</th>
<th>% 4-20 pCi/L</th>
<th>% &gt;20 pCi/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living Area - 1st Floor</td>
<td>1.422 pCi/L</td>
<td>98%</td>
<td>2%</td>
<td>0%</td>
</tr>
<tr>
<td>Living Area - 2nd Floor</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
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<tr>
<td>Basement</td>
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<td>Not Reported</td>
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<td>Not Reported</td>
</tr>
</tbody>
</table>

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON
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 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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.
LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of 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

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 IREA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.
OTHER

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

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

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

STREET AND ADDRESS INFORMATION

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APPENDIX C
Qualifications of Environmental Professionals
Brandon B. Vineyard
Program Manager

Years Experience: 20

Technical Specialties

- Multidisciplinary Project Management
- Environmental Compliance Auditing
- Environmental Site Assessments
- Environmental Permitting
- Audit Protocol Development

Professional History

- ENSR Corporation
- ENSR International Limited
- SECOR International Incorporated
- ENSR Consulting and Engineering
- BBN/ENSR Consulting and Engineering
- NUKEM/ENSR Consulting and Engineering

Education

- M.S.L. (Environmental Law) Vermont Law School
- B.A. (Business Administration and Non-profit Management) California Lutheran University

Professional Registrations and Affiliations

- Certified Professional Environmental Auditor, Environmental Compliance, Nation-wide
- California EPA Registered Environmental Assessor (REA I), California
- 40-Hour OSHA Health and Safety Certification, N/A

Representative Project Experience

**Environmental Compliance Auditing and Other EH&S Services**

*InStar Services Group Inc., Environmental Compliance Audit and Auditor Training, Nation-wide.*

Provided auditor training during the performance of two environmental compliance audits; one in Houston, Texas and one in Clearwater, Florida. (InStar is a provider of nationwide service in the disaster response and property restoration industry.) Provided guidance and training to corporate internal auditors during these audits. Audited six facilities (Clearwater, Florida; Atlanta, Georgia; Chicopee, Massachusetts; Nashville, Tennessee; Phoenix, Arizona; and Ft. Worth, Texas) as a third-party auditor. The scope of the audits included all operations at these sites, which included hazardous material management, hazardous waste management, air quality issues and asbestos sampling, demolition and disposal recordkeeping. Activities related to these operations included solid and hazardous waste management, wastewater discharges, storm water prevention measures, underground and above ground storage tank management, and air quality permitting and management. Operations were audited to federal, state and local laws and regulations as
well as corporate environmental standards of practice. Assisted in the preparation reports that covered the audit findings. The findings were entered into a database.

**BP Products North America, Environmental Compliance Assessments, Oregon and Washington.** Covered environmental and security issues during the assessment of third-party terminals that were under contract to BP. Six assessments were conducted in Washington and Oregon. The operation assessed were mostly marine terminals, which managed crude, refined products, and agricultural products. Conducted detailed site walks and review of facility compliance documentation. Utilized a detailed, “purpose-built” protocol and was responsible for generating a tabular report of findings and recommended corrective actions.

**BP America, EHS Audit Protocol Updating, England, Scotland and Wales.** Assisted BP in the updating of EHS audit protocols for England, Wales and Scotland. Responsible for reviewing current, relevant acts and regulations in order to update existing protocols. This required the development of questions covering new legislation and updates to existing legislation.

**Confidential RCRA Part B TSDF, Environmental Site Assessment and Material Compliance Review, Vernon, California.** Conducted an ESA and Material Compliance Review of a RCRA Part B TSDF facility located in Vernon, California. The focus of the assessment was past operations on a site that was historically used for industrial operations prior to use as a TSDF. These operations were located on a leased site that was formerly part of a larger industrial complex. Compliance with environmental permits and applicable federal, state and local laws and regulations was also reviewed as part of the assessment. Prepared a report that identified both potential and existing environmental issues of concern as well as environmental permitting and compliance issues.

**Textron, Incorporated, Environmental Compliance Audit, Nashville, Tennessee.** Completed a comprehensive environmental compliance audit of an aircraft wing and tail section manufacturing facility located in Tennessee. Involved a 2,000,000-square-foot facility, and was completed within five days by the audit team. The draft report was completed and submitted to the client within two days of completing the on-site portion of the audit program. Audited operations at the facility against federal, State, and local environmental and selected health and safety laws and regulations.

**United Airlines, Environmental Compliance Audits, North America.** Managed and conducted environmental compliance audits of United Airline operations located at the following airports: Los Angeles International, Burbank, Ontario, San Diego, San Jose, John Wayne (Orange County), Reno, Portland, San Francisco (both airport operations and the San Francisco Maintenance Center), Seattle, Spokane, Boston and Salt Lake City. Operations assessed included aircraft, ground equipment, and facilities/building maintenance activities and ramp services and baggage operations. Activities related to these operations included hazardous and universal waste management, wastewater discharges, storm water prevention measures, underground and above ground storage tank management, SPCC plans, and air quality permitting and management for both stationary and mobile sources. Operations were audited to federal, state and local laws and regulations as well as United policies and procedures. The implementation of United environmental management tools was also assessed during the audits. Findings as well as recommended corrective actions were presented within an Access-based data management program. Assisted United stations on an ongoing basis with environmental issues (e.g., permitting, hazardous waste documentation).

**Confidential Airline Client, Environmental Compliance Audits, California and Colorado.** Lead Auditor for an environmental compliance audit of the client’s operations located at Los Angeles International, San Francisco International, and Denver International Airports. Operations assessed included aircraft, ground equipment, and facilities/building maintenance activities, catering operations, cargo facilities, and ramp services and baggage operations. Activities related to these operations included hazardous and universal waste management, wastewater discharges, storm water prevention measures, above ground storage tank
management, SPCC plans, and air quality permitting and management for both stationary and mobile sources. Operations were audited to federal, state and local laws and regulations as well as the client’s policies and procedures. The implementation of the client’s environmental management tools was also assessed during the audit. Findings as well as recommended corrective actions were presented within an Access-based data management program.

**Northwest Airlines, Environmental Compliance Audit, Massachusetts.** Lead Auditor for an environmental compliance audit of the client’s operations located at Boston Logan International Airport. Operations assessed included hangar operations, which included aircraft maintenance, deicing fluid storage, gasoline and diesel underground storage tanks, and operations conducted by sub-tenants. Activities related to these operations included hazardous and universal waste management, storm water prevention measures, above ground and underground storage tank management, SPCC plans, and air quality permitting and management. Operations were audited to federal, state and local laws and regulations as well as airport policies and procedures. Findings as well as recommended corrective actions were presented to the client.

**Hughes Aircraft Company, Air Quality Compliance Audits, Southern California.** Performed an in-depth air quality compliance audit using South Coast Air Quality Management District regulations as guidelines. Three large aerospace facilities located within the Los Angeles basin (Canoga Park, Fullerton, and Long Beach) were audited. The focus of the audit was coating and plating operations. Applicable checklists and audit summaries were prepared.

**Confidential Entertainment-Industry Client, Environmental, Health & Safety Compliance Audit, Los Angeles, California.** Responsible the environmental portion of a multi-media EHS compliance audit of movie and television studio located in Los Angeles, California. The scope of the audit included all operations at the studio and two off-studio film productions. These operations included, but were not limited to, facilities maintenance operations, scenery production, costume and prop care and management, silk screening and printing operations, and special effect preparation and material storage. Activities related to these operations included solid and hazardous waste management, wastewater discharges, and air quality permitting and management. Operations were audited to federal, state and local laws and regulations. The audit findings were presented to the client’s legal council.

**Carnival Corporation, Environmental and Maritime Compliance Audits, North, Central and South America, Europe, Asia, and Australia.** Lead auditor for environmental and maritime compliance audits performed aboard cruise ships while they are on a voyage. Carnival Corporation owned cruise lines audited to date include Carnival Cruise Lines, Holland America, Costa, P&O Princess, Seabourn, Windstar and Seetours. Manage a team of two to three auditors while onboard the ships. The audit encompasses the Environmental Compliance Plan prepared by Carnival Corporation, cruise line policies and procedures, international maritime treaties and conventions, and federal, state and local laws, regulations and ordinances, where applicable. Issues covered include, but not limited to, hazardous waste and medical waste management, MARPOL garbage management requirements, oily waste management, black and gray water management, air quality requirements, ballast water management, and hazardous materials management. Prepare a report that covers the audit findings as well as corrective action recommendations. The findings and recommendations are also put into an auditing database.

**BP West Coast Products LLC, Regulatory Compliance Program, Richmond, California.** Assessor during the BP Group Compliance & Ethics HSSE Compliance Inspection, which included health, safety, security and environmental assessments, at the Richmond Terminal. Responsible for all environmental issues. Prepared findings and recommended actions, which were entered into the Sharepoint site. Mr. Vineyard attended BP’s Lead Assessor Training in April 2006.

**Chevron Corporation, EHS Compliance Assessment, Oregon and California.** Member of a team who conducted a multimedia EHS compliance assessment of a marine terminal located in Portland, Oregon.
The scope of the audit included federal, state and local EHS laws, regulations, and ordinances. Conducted debrief with facility personnel and prepared a brief exceptions report after the completion of the fieldwork. Also conducted a similar assessment of a retail service station located in Los Angeles, California. Same reporting format was utilized.

**Williams Energy Services, Environmental Compliance Audit, North Carolina.** Conducted a multimedia environmental compliance audit of two terminals located in Charlotte, North Carolina. The scope of the audit included both federal and state environmental laws and regulations. Conducted debrief with facility personnel and prepared a findings report using data management software after the completion of the fieldwork.

**Edison Mission Energy, EH&S Compliance Audits, Spain.** Principle-in-Charge and environmental auditor on an EH&S compliance audit program that include 18 hydroelectric sites located throughout Spain. Assisted in the preparation of the audit plan and the audit protocol, both of which were used in the field. The audits were based on both federal and regional EH&S legislation. The team was able to complete the fieldwork within the client’s required schedule. Reporting, including findings and recommendations, was conducted using a client-provided electronic format.

**Edison Mission Energy/ISAB s.r.l., Environmental Compliance Audit, Austria, Germany, Italy and the US.** Managed and performed environmental compliance reviews of four proposed waste contractors located in Austria, Germany, Italy, and the United States on behalf of a joint venture energy company based in Sicily, Italy. One of the four contractors would be selected to receive the processed material generated at the client’s gasification plant. Site inspections were conducted at the Austrian, German, and Italian facilities in conjunction with ENSR colleagues. A representative of ENSR based in their Pittsburgh, Pennsylvania office visited the facility located in the United States. The focus of the assessments was to: (1) determine potential client liability from selecting a facility (e.g., contaminated land and ground water issues); (2) determine the facility’s ability to accept and process the material (e.g., authorizations in place); (3) determine potential transboundary transport legal issues related to the transport of the material; and (4) identify environmental compliance issues that could impact the facility’s ability to accept and process the material. A detailed report covering all the issues referenced above, including recommendations for follow-up compliance work, was prepared that assisted the client in presenting the data to the joint venture board of directors.

**Anheuser-Busch Companies, Environmental Compliance Audit, London, England.** Selected by Anheuser-Busch to be a member of their corporate audit team for an environmental compliance audit of their brewery located near London. The two-week audit required both a detailed review of national and local environmental legislation and the review of the site’s implementation of corporate environmental management standards. The final report, including findings and recommendations, was prepared while at the facility and was presented to the facility management.

**Confidential Venture Capital Group, Environmental Compliance Audit, Springfield, Missouri.** Conducted environmental compliance audits at five transmission and carburetor re-manufacturing and warehousing facilities located in Springfield, Missouri. The scope of the review focused on hazardous waste management practices of process wastewater, air emissions, and hazardous material management. Prepared a detailed report that included findings and recommendations.

**Trafalgar House/John Brown Engineering, Environmental Compliance Audits, Massachusetts, Michigan, North Carolina and Ohio.** Managed an environmental compliance audit and Title V program for a manufacturer of industrial equipment. The five facilities audited were located in four states: Massachusetts, Michigan, North Carolina, and Ohio. The facilities were audited by teams of auditors who focused on environmental, as well as OSHA, issues relating to the handling of hazardous materials and wastes. Prepared detailed findings reports for each facility, as well as Title V applicability reviews. Provided
compliance recommendations under separate cover for each facility. Corporate environmental management programs were also audited. Provided follow-on storm water permitting consulting services.

Shaklee Corporation, Environmental Compliance Audit, Hayward, California. Managed and assisted in conducting a multimedia environmental compliance assessment at a research and development facility operated by a manufacturer and distributor of health care, food, cosmetic, and home products located in Northern California. Responsible for auditing hazardous material and waste, water quality, storm water, emergency planning, and community right-to-know issues with regard to federal, state, and local laws and regulations. Prepared a written report with findings and recommendations.

UNOCAL/76 Products Company, Environmental Compliance Audits, California, Oregon and Washington. Conducted multimedia environmental compliance audits of gasoline service stations and bulk heating oil terminals in California, Oregon and Washington. Prepared preliminary finding reports and printed these prior to leaving the facilities using a portable computer and printer. Prepared draft and final reports using Paradox data management software.

ARCO Transportation Company, EH&S Compliance Audits, Southern California. Audited oil and gas pump stations and storage facilities located throughout Southern California for a California-based oil and gas company. Responsible for air, hazardous waste and material, and water quality portions of the compliance audit. Reviewed internal reports and records, and conducted field investigations.

UNOCAL, NPDES Compliance Audits, Offshore Platforms, California. Managed and performed NPDES compliance audits for a large California-based oil company. Prepared a specialized permit-based audit checklist that was used at the six offshore platforms located in federal waters off the coast of California and the one on-shore production facility. Provided recommendations for compliance.

Hughes Aircraft Company, Air Quality Compliance Audits, Southern California. Performed an in-depth air quality compliance audit using South Coast Air Quality Management District regulations as guidelines. Three large aerospace facilities located within the Los Angeles basin (Canoga Park, Fullerton, and Long Beach) were audited. The focus of the audit was coating and plating operations. Applicable checklists and audit summaries were prepared.

United States Navy, Air Emission Inventory Audit, Pearl Harbor Naval Shipyard, Hawaii. Assisted with the implementation of the air emission inventory audit phase of a multi-task Title V project for the Pearl Harbor Naval Shipyard, Hawaii. The team collected data from predetermined emission sources located on the Shipyard. In addition, identified applicable state and federal regulations for selected emission sources. Assisted in the preparation of the compliance certification and plan.

UNOCAL, California Environmental Audit Checklist, California. Assisted in the development of auditing protocols covering federal hazardous liquid pipeline regulations and state waste minimization, petroleum aboveground storage tank (AST), and oil spill prevention response regulations. Developed protocols for two California-based oil and gas companies. Assisted with implementation of the auditing programs.

Alcoa Nederlands, EH&S Compliance Audit, Banbury, England. Responsible for environmental issues during a week-long EH&S compliance audit conducted on behalf of Alcoa Nederlands. The facility, which was situated in Banbury, is an aluminum re-melt and fabrication facility. National environmental legislation was used as a guideline for the audit. In addition, Alcoa environmental policies and procedures were used as a guideline. Findings were entered into a Word database provided by the client and presented at the closing meeting.

Air Products and Chemicals, Inc., EH&S Compliance Audits, Clayton and Wilton, England. Responsible for environmental issues during two EH&S compliance audits conducted on behalf of Air Products and Chemicals, Inc. The first facility, which was situated in Clayton (Manchester), manufactures
Confidential Coatings Manufacturer, Modification of an EH&S Compliance Audit Checklist, France, Germany, Ireland, Switzerland and The UK. Responsible for modifying the US-based corporate EH&S compliance audit checklist to reflect applicable UK EH&S legislation without removing or modifying corporate policies and procedures. Also responsible for the modification of the checklist to reflect Irish EH&S legislation. Responsible for coordinating the modification of the checklist for France, Germany, and Switzerland. The modification of the checklist is in preparation for the upcoming, European EH&S compliance audit program, which ENSR will participate.

Confidential Semiconductor Manufacturer, EH&S Training Matrix, The UK (England and Ireland). Responsible for the preparation of an EH&S training matrix that covered all relevant UK EH&S training requirements that would impact the client’s operations. As an example, the matrix identified the frequency which training was required, which employees/contractors required training, recordkeeping requirements, and refresher training. Also responsible for developing a similar matrix for Ireland. Finally, responsible for coordinating the preparation of a matrix using local support for Israel.

Confidential Semiconductor Manufacturer, EH&S Training Matrix, The UK (Scotland). Responsible for the preparation of an EH&S training matrix that covered all relevant UK EH&S training requirements that would impact the client’s operations. As an example, the matrix identified the frequency which training was required and which employees/contractors required training.

Confidential Clothing Retailer, EH&S Standard Operating Procedures, The UK. Assisted an US-based client with amending their corporate EH&S SOPs to reflect UK and European Union EH&S legislation for use by staff in the UK. Reviewed SOPs and associated tables and checklists and finalized them for delivery to the client.

WR Grace, EH&S Compliance Audits, Slough and St. Neots, England. Responsible for environmental issues during two EH&S compliance audits conducted on behalf of WR Grace. The first facility, which was situated in Slough, manufacturers construction materials and the second facility, which was situated in St Neots, manufacturers coatings for the canning industry. National environmental legislation was used as a guideline for the audits, as well as corporate best management practices. Findings were entered to a Word database provided by the client and presented at the closing meeting.

Air Products and Chemicals, Inc., EH&S Compliance Audits, Tees-side and Crewe, England. Responsible for environmental issues during two EH&S compliance audits conducted on behalf of Air Products and Chemicals, Inc. The first facility, which was situated in Tees-side, was an amines plant and the second facility, which was situated in Crewe, was a specialty gas production facility. National environmental legislation was used as a guideline for the audits. Findings were entered to a Word database provided by the client and presented at the closing meeting. Final, summary reports were prepared for the client after we left the facilities.

Eastman Kodak Company, EH&S Compliance Audits. Responsible for environmental issues during two EH&S compliance audits conducted on behalf of Eastman Kodak Company. The first facility was a film converting plant, while the other was a lithographic plate manufacturing facility. National environmental legislation and corporate environmental policies and procedures were used as guidelines for the audits. Findings were entered into an Access database provided by the client and presented at the closing meeting.

Stanley Works, EH&S Compliance Audits. Managed an environmental, health and safety compliance audit program at three tool manufacturing facilities located in Sheffield, England. The audit program was
coordinated with the Sheffield-based organization and the US-based parent corporate environmental group. Scheduled all pre-audit activities, including the distribution of the Pre-Visit Questionnaire to appropriate facility representatives. Managed the two two-member audit teams and report production. Findings and recommended corrective actions were included within an Access database provided by the client.

**Sempra Energy Resources, PM10 Offset Mitigation Plan - Palomar Energy Project, Escondido, California.** Responsible for the preparation of a PM10 offset mitigation plan, which was a requirement of a California Energy Commission Data Request. In generating the plan, several offset options were investigated including lower-emission school buses, dust control measures for unpaved roads at landfill, and retrofit of suitable public vehicles and a privately-operated refuse hauling fleet. Several options were presented in the plan. Costs associated with the offsets were estimated as well as potential emission benefits.

**Confidential Client, Environmental Site Evaluation for an Integrated Energy Project, Northern California.** Assisted with researching land use and transportation and traffic issues associated with 13 Northern California sites selected for a proposed integrated energy project. Performed web-based research (e.g., city/county planning department sites and city street maps) as well as reviewed previously-prepared environmental documents to obtain the required information. Prepared written summaries of the major findings (e.g., unsuitable land uses and limited transport infrastructure).

**Confidential Cement Products Company, Environmental Compliance Audits, California and Arizona.** Conducted environmental compliance audits of cement terminals and Ready Mix plants located in California and Arizona. The scope of the audit included federal, state and local environmental laws and regulations. Operations assessed included vehicle and equipment maintenance and washing, raw material off-loading and storage, concrete production, storage and dispensing of petroleum products, and waste management. Findings were presented in tabular format within a narrative report.

**Alcoa Nederlands, EH&S Compliance Audit, Kitts Green (Birmingham), England.** Responsible for environmental issues during a week-long EH&S compliance audit conducted on behalf of Alcoa Nederlands. The facility, which was situated in Kitts green, is an aluminum re-melt and fabrication facility. National environmental legislation was used as a guideline for the audit. In addition, Alcoa environmental policies and procedures were used as a guideline. Findings were entered into a Word database provided by the client and presented at the closing meeting.

**Environmental Site Assessments**

**Hewlett-Packard Company, Environmental Site Assessments, World-wide** Managed ESAs relating to the sale and/or purchase of assets as well as pre and post lease for Hewlett-Packard. Managed the individuals in the country where the site was located and assisted in report production. Responsible for reviewing the reports and issuing them to the client on completion. Countries where ESAs were conducted included Argentina, Australia, Japan, Hong Kong, Israel, Mexico, South Africa, and Singapore.

**Naval Facilities Engineering Southeast, Environmental Condition of Property Report, Marine Corp Reserve Center, Fresno, California.** Prepared an Environment Condition of Property Report for the MCRC located in Fresno, California. The facility was an 11-acre training and reserve center located adjacent to the Fresno-Yosemite International Airport. Military-related functions had been conducted at the site since the 1940s.

**Confidential Client, Environmental Site Assessments, Fontana, California.** Conducted ESA of a specialty coatings blending facility located in Fontana, California. Current operations at the site included the bulk storage and blending of solvents, pigments, and resins and product packaging. Site operations were also assessed for general compliance with applicable federal, state and local laws and regulations. The site’s land use history was a major focus of the assessment. A report was prepared that identified both
potential environmental issues of concern as well as environmental compliance issues. A Phase II ESA resulted from the initial assessment.

Confidential Client, Environmental Site Assessments, Ontario and Gardena, California. Conducted ESAs of two fleet truck repair facilities (e.g., repair of drive shafts, transmissions, differentials, and resurfacing flywheels and relining brake shoes) located in Gardena and Ontario, California. Site operations were also assessed for general compliance with applicable federal, state and local laws and regulations. The site’s land use history was a major focus of the assessment. A report was prepared that identified both potential environmental issues of concern as well as environmental compliance issues.

Confidential Client, Environmental Site Assessments, Torrance and Long Beach, California. Conducted ESAs of petroleum coke warehousing and distribution facilities located in Torrance and at the Port of Long Beach, California. Current operations at the sites included the bulk storage and transfer of petroleum coke as well as vehicle and equipment maintenance activities. Site operations were also assessed for general compliance with applicable federal, state and local laws and regulations. The site’s land use history was a major focus of the assessment. A report was prepared that identified both potential environmental issues of concern as well as environmental compliance issues.

Confidential Manufacturer of Home Accessory Products, Environmental Site Assessment, Vernon, California. Conducted an ESA of a manufacturing site located in Vernon, California that had been used for industrial activity for over 70 years. Current operations at the site included the fabrication and assembly of metal components, automated parts cleaning, painting, and drying, and packaging finished products. Site operations were also assessed for general compliance with applicable federal, state and local laws and regulations. The former uses of each of the buildings and the potential contingent liability relating to the disposal of hazardous and biohazard waste off site were major focuses of this assessment. A report was prepared that identified both potential environmental issues of concern as well as environmental compliance issues.

Confidential Energy Generation Company, Environmental Site Assessment, Arlington, Arizona. Conducted an ESA of a 580 megawatt, natural gas-fired, combined cycle merchant power facility located in approximately 60 miles west of Phoenix, Arizona. The assessment encompassed nine parcels of land totaling over 4,000 acres. The focus of this assessment was the historical land uses on the developed parcel (energy facility) and undeveloped parcels. The majority of the parcels were formerly used for agricultural purposes (e.g., alfalfa, cotton and a feed lot). Another major focus of this assessment was water rights associated with these parcels. A report was prepared that identified both potential and existing environmental issues of concern as well as environmental permitting and authorization issues associated with the energy facility.

Confidential Consumer Health Care Products Manufacturer, Environmental Site Assessment, Sunnyvale, California. Conducted an ESA of a biopharmaceutical research and development facility encompassing five buildings situated in Sunnyvale. Current operations at the site included laboratory research activities, which included the use of hazardous substances and radioactive materials and the generation of hazardous and biohazard wastes. Site operations were also assessed for general compliance with applicable federal, state and local laws and regulations. The former uses of each of the buildings and the potential contingent liability relating to the disposal of hazardous and biohazard waste off site were major focuses of this assessment. A report was prepared that identified both potential environmental issues of concern as well as environmental compliance issues.

Cadbury Schweppes Americas Beverages, Environmental Site Assessment, Englewood, Colorado. Conducted an ESA of a 7UP Bottling Group facility located in Englewood, Colorado. The site had operated as a soda mixing and bottling facility since the early 1960s, which included fleet vehicle maintenance and fueling. Site operations were also assessed for general compliance with applicable federal, state and local laws and regulations. The site’s land use history was a major focus of the assessment. A report was prepared that identified both potential environmental issues of concern as well as environmental compliance issues. A Phase II ESA was conducted.
Confidential Oil and Gas Client, Kern County, California. Conducted an environmental assessment of the Rogas pipeline facility where liquefied gases (e.g., pentane, isobutene, and propane) are loaded and unloaded into and out of rail tanker cars. The assessment included the review of compliance with relevant environmental laws, regulations and local rules/ordinances. The assessment also included the associated three pipelines (9-miles each in length) and the vehicle maintenance facility.

Confidential Oil and Gas Exploration and Production Company, Environmental Site Assessment, California. Managed an assessment of upstream, off-shore and on-shore oil and gas assets, which were situated in Kern, Los Angeles, Orange, and Santa Barbara counties. This project included a data room review where ENSR’s team spent approximately one week reviewing available data. Conducted site inspections of the properties and assets included within the proposed sale. Prepared a detailed report that provided descriptions of each of the assets/properties and cost estimate summaries for dealing with potential soil and groundwater contamination, including investigation and remediation costs.

Confidential Industrial Gases Processing Facility, Environmental Site Assessment, Kalama, Washington. Conducted an ESA of an industrial gases (hydrogen, nitrogen and liquid oxygen) processing facility located in Kalama, Washington. The focus of the assessment was current operations as the facility was the first development on the site. Compliance with environmental permits and applicable laws and regulations was also reviewed as part of the assessment. Prepared a report that identified both potential and existing environmental issues of concern as well as environmental permitting and compliance issues. The report included a recommendation for a Phase II soil and groundwater investigation.

Confidential US Investment and Real Estate Holding Organization, Environmental Site Assessment, Budapest, Hungary. Located within the Budapest city center. The assessment was conducted using European Bank for Reconstruction and Development (EBRD) environmental assessment guidelines since the EBRD partially financed the development and owns shares. Historical aerial photographs were reviewed along with historical topographical maps. A Hungarian-speaking consultant provided in-county expertise. Prepared a detailed assessment report along with site plans.


Confidential US Consumer Paper Products Manufacturer, Krakow, Poland. Managed the assessment of a 100 year-old paper converting facility and former paper milling facility located near Krakow, Poland. Conducted the site visit along with the client and Polish contractor and prepared a summary report of key findings and detailed site plans that identified potential areas of environmental concern. Participated in client meetings with internal legal council and the client "business team." Assisted the client in the preparation of cost estimates covering a soil/groundwater investigation, structure demolition, infrastructure improvements, and a seismic study.

Confidential UK Multinational, Environmental Site Assessment, Europe, Asia, North and South America. Managed a five-person team during a three-day data room exercise at a law firm in Frankfurt, Germany. The client was proposing to acquire approximately 52 manufacturing and distribution sites located throughout the world. Responsible for the preparation of a spreadsheet summary report that categorized the sites by their potential environmental liabilities. Also responsible for the preparation of one-page summary reports covering each of the sites reviewed.

Confidential US Law Firm, Environmental Site Assessments, Marignier, France. Managed the assessment of four precision metal parts manufacturing facilities located in Marignier, France. Conducted
the site visits along with a French colleague and prepared reports that identified potential environmental liabilities and EH&S compliance issues. Responsible for preparing the scope of work for the follow-up Phase II soil and groundwater investigations at these sites.

**Confidential US Multinational, Environmental Site Assessments, Haarlem, The Netherlands.** Managed the assessment of a facility that prints compact disk and DVD packaging. Conducted the site visit and prepared a detailed summary report that identified EH&S compliance issues as well the potential for soil and groundwater contamination from historical operations. Responsible for the site inspections, interviews, and data review.

**Confidential US Multinational, Environmental Site Assessments, Chocianow, Poland.** Managed the assessment of a facility that prints compact disk and DVD packaging. Conducted the site visit and prepared a detailed summary report that identified EH&S compliance issues as well the potential for soil and groundwater contamination from historical operations. Responsible for the site inspections, interviews, and data review.

**Confidential US Multinational, Environmental Site Assessments, Helsingborg, Sweden.** Managed the assessment of a facility that manufactures wall covering using glass fibers. The assessment included a detailed review of historical land use practices and key EH&S compliance issues. Prepared a summary report that focused on the potential for soil and groundwater contamination at the site as a result of historical operations (formerly owned and operated by Polish government). Provided the client with cost estimates relating to issues (e.g., asbestos-containing building materials) that may require follow-up action.

**Confidential US Multinational, Environmental Site Assessment, Poznan, Poland.** Managed the assessment of an electronic equipment assembly facility located in Poznan, Poland. Conducted the site visit in association with a Polish colleague. The assessment included a detailed review of key EH&S compliance issues and the potential for soil and groundwater contamination at the site as a result of historical operations. Provided the client with permit transfer support and identified other environmental issues that must be addressed prior to the transfer of the operations.

**Confidential US Multinational, Environmental Site Assessments, England and The Netherlands.** Managed a four-site portfolio of sites located in England and The Netherlands. The sites investigated were printing operations, which included personal care product and compact disk packaging. Conducted the site visits and prepared reports for one of the located in England and both of the Dutch sites. Responsible for the site inspections, interviews, and data review. Prepared detailed summary reports that identified potential environmental liabilities and findings related to environmental compliance.

**Confidential Financial Lending and Asset Management Institution, Environmental Site Assessments, Denmark, England and Scotland.** Managed 15 sites of an approximately 60-site portfolio for a major US-based financial institution. The sites investigated were located in Denmark, England, and Scotland. Conducted the site visits and prepared reports for the two Danish sites. Responsible for peer reviewing reports generated for the 15 sites as well as reports prepared for sites in Austria. Assisted in preparing the original scope of work and budget.

**Confidential Computer Manufacturer, Environmental Site Assessment, Coventry, England.** Conducted both an environmental site assessment and an environmental compliance assessment of a hand-held computer assembly facility located in Coventry, England on behalf of a US-based company who were acquiring the company. Responsible for the site inspection, interviews, and data review. Prepared a
detailed report that identified potential environmental liabilities and findings related to environmental compliance.

**Confidential Financial Lending and Asset Management Institution, Environmental Site Assessment, Cologne, Germany.** Assisted German colleagues with the site inspection and report preparation covering a telecommunication equipment warehouse and office located in Cologne, Germany on behalf of the US-based client. The scope of the assessment included both identifying potential environmental liabilities and environmental compliance issues. The report was prepared using the client's template. Assisted in the preparation of a scope of work and budget for a Phase II investigation at the site.

**Confidential Consumer Paper Products Manufacturer, Environmental Site Assessments, Switzerland.** Conducted environmental site assessments at three paper manufacturing and converting facilities located throughout Switzerland on behalf of a US-based client looking to acquire the facilities. Responsible for the site inspections and assisted German-speaking colleagues with determining compliance with environmental legislation and potential environmental liabilities. Responsible for the generation of detailed reports and summary cost tables covering potential liabilities for the three Swiss sites as well as one site in Germany.

**Confidential Industrial Equipment Manufacturer, Environmental Site Assessments, Finland, Norway and Sweden.** Conducted environmental site assessments at three sites (one in each country) where industrial pumps are assembled and warehoused in Finland, Norway, and Sweden on behalf of a US-based client looking to acquire the facilities. Responsible for site inspections, interviews, and data review. Completed all three site inspections within the require schedule of three days. Provided client with verbal assessments within 48 hours and written summaries within a four days.

**Confidential Tool Manufacturer, Environmental Site Assessment, Sheffield, England.** Conducted an environmental site assessment of a tool manufacturing facility located in Sheffield, England on behalf of the owners and occupiers of the site (US-based corporation) who were looking into selling the business. Responsible for the inspection of the site as well as conducting interviews and reviewing environmental data. Provided the client with a verbal summary of the findings and then prepared a detailed report that summarized potential environmental liabilities. In addition, the assessment was used to as follow up to an EH&S compliance audit that was conducted by ENSR at an earlier date.

**Confidential Investment Fund, Environmental Site and Environmental Compliance Assessments, Reading, England.** Conducted both an environmental site assessment and an environmental compliance assessment of a three-building office complex located in Reading, England on behalf of a US-based investment fund who were looking into acquiring the site. The site was occupied by the UK-headquarters of a software company. Responsible for the site inspection, interviews, and data review. Preparing two separate detailed reports. The first report covered the environmental site assessment and focused on identified potential environmental liabilities. The second report covered the results of the environmental compliance assessment.

**Confidential Coatings Manufacturer, Environmental Site Assessment, Rotterdam, The Netherlands.** Conducted an environmental site assessment of a coatings blending facility located near Rotterdam, The Netherlands on behalf of a US-based client. Responsible for the site inspection and assisted my Dutch-speaking colleague with the interviews and data review. Environmental, health and safety compliance issues were also addressed during our assessment. The key focus of the assessment was the client's ability to expand production if the facility were to be acquired. In this respect, a meeting was held with the Provincial authority to discuss permitting issues, as well as identified soil contamination at the facility.

**Confidential Petroleum and Natural Gas Exploration Company, Environmental Site Assessments, The Netherlands.** Managed the team that conducted assessments of on-shore natural gas processing and storage facilities (two) and an off-shore production platform located in The Netherlands on behalf of a
Canadian client. Assisted with the preparation of the detailed reports, which identified potential environmental liabilities and cost estimates for addressing these liabilities. The reports also addressed potential operational issues (e.g., permits and authorizations).

**Confidential Brake Manufacturing Facilities, Environmental Site Assessment, Seven Sites Located throughout England.** Conducted environmental site assessments at seven brake manufacturing, warehousing and distribution, and related facilities located throughout northern England on behalf of UK-based client. In addition to the review of historical and current operations, the environmental compliance status of operations was reviewed, based on national environmental legislation. Conducted the site visits within a one-week period, as required by the client. Prepared detailed reports that summarized potential environmental liabilities.

**Confidential Automotive Parts Manufacturer and Distributor, Environmental Site Assessment, Grantham, England.** Conducted an environmental site assessment on behalf of a US-based client who was to purchase a diesel and gasoline vehicle engine re-manufacturing facility located in Grantham, England. In addition to the review of historical operations, the environmental compliance status of operations was reviewed, based on national environmental legislation.

**Confidential US Venture Capital Group, Environmental Site Assessments, England, Italy, The Netherlands and Sweden.** Managed and performed environmental site assessments at printed circuit board manufacturing facilities located in England, Italy, The Netherlands, and Sweden. The assessment included the review of operations to determined that were in compliance with national environmental legislation. Managed the data room reviews, which were held at law offices. Provided the client with reports that detailed findings and provided cost estimates for corrective actions and Phase II investigations and potential remediation.

**Confidential Specialty Paper Manufacturer, Environmental Site Assessment, Bavaria, Germany.** Managed and conducted an environmental site assessment covering two specialty paper-manufacturing complexes located in the State of Bavaria. The assessment was conducted on behalf of the US-based client. In addition to a review of historical operations, an assessment of the operation’s environmental compliance status was performed, based on both state and federal environmental legislation. The client was provided with a report that identified findings as well as provided recommendations and cost estimates covering corrective actions.
Years Experience: 10

Technical Specialties

- Environmental, Health and Safety Compliance and Management Systems
- Site Remediation
- Project Management
- Environmental Site Assessments

Professional History

- ENSR
- HR Textron, Inc.
- Lindmark Engineering

Education

- M.B.A. (Management) Graziadio School of Business and Management - Pepperdine University
- B.S. (Civil Engineering) University of California, Los Angeles

Professional Registrations and Affiliations

- Engineer-in-Training, California

Representative Project Experience

Environmental Health and Safety Compliance

**Due Diligence Multimedia Environmental, Health, and Safety Assessment, Thousand Oaks, California:** The onsite operations consisted of the design, assembly, and test of equipment for U.S. Military. Project objective was to conduct a environmental site assessment (Phase I) and evaluate environmental, health, and safety programs for compliance with regulatory requirements and conformance with the client’s corporate requirements.

**Due Diligence Multimedia Environmental Assessment, Modesto, California:** The on-site operations consisted of the processing and packaging of butter, ice cream, cottage cheese, and condensed milk processing along with packaging and distribution of other dairy products (e.g., milk, eggs, and juice). Project objective was to conduct a gap analysis on a previously prepared Phase I ESA and conduct high level review on environmental compliance.

**Due Diligence Multimedia Environmental Audit, San Bernardino, California:** The on-site operations consisted of the filling and degassing of compressed gas cylinders, including specialty blends, quality control testing, and storage of hazardous materials. The deliverable consisted of a matrix outlining deficiencies, regulatory citation, corrective action, and estimated cost to bring into compliance.
**Due Diligence Multimedia Environmental Compliance Assessment, Southern California:** The compliance assessment covered four facilities: a foundry, two powder coat painting facilities, and a die cast facility. The deliverable consisted of an outline of regulatory deficiencies and recommendation to minimize environmental.

**Due Diligence Health and Safety Compliance Assessment, Covina, California:** One day assessment of safety programs of a sewn and printed label manufacturing facility. The on-site evaluation included machine guarding, OSHA recordkeeping and reporting, emergency response, mobile equipment, fall protection, dock safety, hot work, permitting, training, hazard communication, limited loss prevention, and limited industrial hygiene. The deliverable consisted of a written compliance matrix and report outlining the findings, recommended corrective actions, and estimated corrective action costs.

**Health and Safety Compliance Audit, Buena Park, California:** A four day compliance audit to determine compliance with regulatory requirements and internal corporate requirements. The on-site evaluation included confined space entry, hot work, machine guarding, PPE, emergency response, mobile equipment, fall protection, dock safety, and training. The deliverable consisted of a verbal and written compliance matrix outlining the findings, regulatory citations, and observations.

**Health and Safety Conformance with OHSAS 18001, Northridge, California:** Desk top review of a medical devices company’s environmental, health, and safety management system manual for conformance with OHSAS 18001 and ISO 14001. The project also included an evaluation of the facility’s documents and document control program to identify any gaps in conformance with the above referenced standards. Deliverable consisted of a written letter report identifying gaps identified and suggested corrective actions.

**Environmental Management System Audit Preparation, Valencia, California:** Managed cross-functional team in gap analysis; prioritized action items, wrote procedures and work instructions; developed document control program and storage; integrated EHS into business processes (e.g., procurement, engineering, and shipping) and trained site personnel. The site passed corporate business systems assessment.

**DOT Compliance Assessment, Toledo, Ohio:** Completed a three-day refinery wide evaluation to determine applicability of DOT, USCG, and EPA to several pipelines and breakout tanks. The scope of work included reviewing necessary drawings (e.g., piping and instrumentation diagrams), interviewing site personnel, and touring the applicable site areas. Deliverable consisted of a written letter report identifying agency jurisdiction for site pipelines and applicable breakout tanks.

**ISO 14001 and AS9100 Internal Audit Program Integration, Valencia and Pacoima, California:** Co-led a cross-functional team to integrate the internal audit programs for the company’s AS9100 and ISO 14001 management programs. ISO 14001 Lead Auditor for west coast operations. Conducted gap analysis; wrote process and element audit checklists; increased robustness of audit protocols; and prepared training material and conducted auditor training. The project scope was expanded to include integration of corrective and preventive action processes and tracking. Project resulted in an annual labor cost avoidance of $85,000.

**ISO 14001 Implementation, Valencia and Pacoima, California:** Designed and continuously improved the ISO 14001 program for two manufacturing facilities. Formed cross-function team to conduct gap analysis; integrated environmental programs with business processes; established environmental objectives and targets; wrote procedures and work instructions; managed internal audit and corrective action programs; and established senior management reporting process. Facility attained certification to ISO 14001:2004 standard.

**Behavior Based Safety Training Program, Valencia and Pacoima, California:** Evaluated safety programs, designed training requirements, and implemented employee engagement strategy for two manufacturing facilities. Rewrote the company’s new hire orientation program and return to work procedure; drafted safety performance indicators (metrics) for management performance evaluations; initiated senior leadership behavior focused inspections; and proposed incentive program that uses cost avoidances to fund the program. First year program results indicated a 20% reduction in the number of recordable injuries compared to the previous year.
Lock-Out/ Tag-Out Program, Valencia and Pacoima, California: Managed LOTO program improvement project for two machine centers consisting of approximately 100 pieces of equipment. Equipment types included lathes, mills, hones, grinders, and EDM machines. Established evaluation and recordkeeping process, wrote process procedure, and completed machine specific procedures for all in scope equipment.

FAA Drug and Alcohol Program Compliance, Valencia and Pacoima, California: The project consisted of defining the FAA program scope specific to the company’s operations, auditing and identifying deficiencies, and determining compliance requirements; conducting a gap analysis; mapping current and future state processes; identifying and implementing process improvements; developing facility training and control programs; and preparing the company for FAA compliance audit. The deliverable consisted of a written program, control plan, and standard work documents.

Project Management

Facility Discharge Improvements, Valencia, California: Project manager for the rerouting of cooling tower water to the industrial wastewater system. At the time, facility maintained a NPDES permit to discharge cooling tower water to the Santa Clara River. The facility NPDES permit was close to its renewal when the LA RWQCB announced Chloride discharge limits would be reduced to a point below the level of incoming City water. The project consisted of negotiations with the LA County Sanitation Districts, LA RWQCB, and LA DPW. A cross-functional team approach prepared the permit and rerouted the discharge to the facility’s industrial wastewater system. Facility operations were not interrupted, regulatory footprint decreased with cancellation of NPDES permit, and operating efficiencies improved with an annual cost savings of $43,000.

Underground Storage Tank and System Upgrades, California: Led operations for the removal and upgrade of gasoline and diesel underground storage tanks at various locations in Southern California. Activities included permitting, proposal preparation, site safety officer, air monitoring, sample collection, vendor procurement, and agency interface.

Underground Storage Tank Removal and Site Demolition, Los Angeles, California: Led field operations and site safety officer for the discovery and removal of four underground storage tanks, two hydraulic lifts, and demolition of several retaining walls and concrete structures. Prepared and submitted a closure report to the oversight agency.

Containment Improvements, Valencia and Pacoima, California: Designed and constructed secondary containment structures with chemical barriers for the storage and/or processing of chemicals to comply with SWPPP or SPCC requirements.

Remediation

Soil and Groundwater Remediation, Valencia, California: Project manager for the assessment and clean up of a chlorinated solvent plume. The plume extended onto two adjacent and active properties. The LA RWQCB had jurisdiction over the site. Site activities included permitting, well and conveyance piping installation, groundwater monitoring, SVE, pump and treat, and in situ bioremediation using sucrose and sodium lactate, HRC®, and HRX® injections.

Soil and Groundwater Remediation, Greenville, Ohio: Project manager for the assessment and clean up of a chlorinated solvent plume. The property was an active manufacturing facility. Site activities included permitting, well installation, groundwater monitoring, SVE, and in situ bioremediation using HRC® injections. Conducted and prepared a condensed Phase I ESA to assist corporate counsel with drafting environmental provisions and deed restrictions. Property was successfully sold with deed restrictions including contract conditions allowing access to the property and use of the facility's utilities and discharge system.
Soil and Groundwater Remediation, Cape Cod, Massachusetts: Assisted in a historical operational review of site operations at the Massachusetts Military Reserve (MMR). Both the US Army and Massachusetts National Guard conducted training at MMR since WWII. On site hazards include exposed and buried unexploded ordinances. Site contamination included various types of explosives, diesel fuel, and metals. The project consisted of a site inspection and document review.

Remediation System Rerouting, Newbury Park, California: Led field construction crew in the relocation of extraction conveyance piping for a site impacted with chlorinated solvents. Area development required the widening of the off ramp from the 101 Freeway. The crew used directional boring equipment and avoided interference with freeway traffic.

Remediation Site Closure, Pacoima, California: Project manager for soil impacted with Stoddard Solvent at an active manufacturing facility. Reviewed project historical data; redesigned air monitoring collection process; redesigned the closure plan; and conducted field oversight activities. The project received a no further action letter from the LA RWQCB, nine months ahead of schedule and approximately $32,000 under budget.

Environmental Site Assessments

Phase I Environmental Assessment, Cerritos, California: The assessment consisted of two vacant buildings, approximately 300,000 square foot warehouse & 9,300 square foot office building on approximately 14.81 acre lot. Former operations at the Weyerhaeuser facility consisted of the manufacturing of single-faced corrugated paper.

Phase I Environmental Site Assessment, Goleta, California: The assessment consisted of approximately 880 acres along the coastal bluffs and into the nearby foothills. The on-site operations consisted of limited agriculture use and range management (cattle). Historical setting included oil exploration, agriculture, and limited Coast Guard activities.

Phase I Environmental Site Assessment, La Jolla, California: The assessment consisted of approximately 2 acres with a five story office building. The on-site operations consisted of office related activities (e.g., consultants, property management, mental health, mortgage lenders, and banks).

Phase I Environmental Site Assessment, Santa Fe Springs, California: The assessment consisted of approximately 3 acres with a 40,000 square foot warehouse. Rinchem is a third party logistics (TPL) of high purity products (i.e., non hazardous and hazardous chemicals). The facility was divided into three areas, caustics, flammables, and oxidizers. Client aborted project after site visit and visit to SFS Fire Department.

Phase I Environmental Site Assessment, Goleta, California: The assessment consisted of approximately 1,048 acres along the coastal bluffs and into the nearby foothills. The on-site operations consisted of limited agriculture use and range management (cattle). Historical setting included oil exploration, agriculture, recreation use, and limited Coast Guard activities.

Phase I Environmental Site Assessment, Lowell, Massachusetts: Conducted and prepared a condensed Phase I ESA of a boron composite manufacturing facility. Issues related to the site use of mercury were identified and included.

Phase I Environmental Site Assessment, Commerce, California: Conducted and prepared a condensed Phase I ESA of a furniture manufacturing facility. The lease with the tenant expired and the ESA was conducted on behalf of the property owner.
Phase I Environmental Site Assessment, Los Angeles, California: Conducted and prepared a Phase I ESA of a light manufacturing and distribution facility. An underground storage tank was discovered during the Phase I ESA. Mr. Arvidson was the project manager and construction coordinator for the UST removal.

Phase I Environmental Site Assessment, Sunland, California: Conducted and prepared a Phase I ESA for a client seeking acquisition of a salvage business. The site was used for the dismantling and segregation of post consumer automobiles.
Rebecca Gorman  
Environmental Scientist

Years Experience: 4

Technical Specialties
- Auditor: FIFRA, Environmental (DOT, Health & Safety Support)
- Environmental Compliance Assistance
- Environmental Permitting
- Site Assessments
- Writing Environmental Plans and Procedures
- Air Reporting

Professional History
- ENSR Corporation
- The RETEC Group, Inc.
- Delta Environmental Consultants, Inc.

Education
- BS, Geology, California State University, Long Beach

Professional Accreditations
- Mabel Myers Geology Scholarship Recipient
- Clark’s Field Geology Scholarship Recipient

Representative Project Experience

Environmental Scientist

BP Calciner, Wilmington, California: Assist site management with ensuring site remains in compliance with air permit requirements and environmental recordkeeping requirements and assist with updating permits, training, equipment inspections, and reporting. Write and review Hazardous Materials Business Plans and updated MSDS’s. Prepare various storm water and wastewater reports.

Refinery: Have written various stormwater reports. Reviewed refinery equipment against air permit.

Retail Oil & Gas: Wrote Hazardous Materials Business Plans, trained employees on hazardous materials and waste handling as well as site emergency training.

Project Management

Managed a team of 13 employees covering compliance activities at 500 oil and gas retail facilities in Southern California. Focus was on compliance assurance among site employees and contractors. Interacted with regulatory agencies to resolve compliance issue.
Site Assessment

Conducted soil and groundwater investigations pertaining to hydrocarbon subsurface contamination. Responsibilities included proposal development, permit acquisition, and report generation. Managed field team and activities including daily health and safety tailgate meetings and new employee training.

Auditor

Experienced with all media EHS compliance audits involving, refining, retail oil & gas, and manufacturing operations.

Retail Oil and Gas: Focused on Underground/ Above Storage Tanks (UST/AST), Hazardous Materials/Waste, Hydrocarbon Vapor Recovery Systems, UST Monitoring Systems, Permitting, SCAQMD, and Health and Safety. Acted as Lead Auditor and assisted in the training of other auditors.

Refining: Auditor on FIFRA and DOT compliance activities. FIFRA focus on pesticide/herbicide use, application, certification (employee and contractor), and record-keeping. DOT focus on hazardous materials, training, and record-keeping.

Manufacturing: Multi-media compliance for heavy industry including air, hazardous materials/ waste, stormwater, wastewater, DOT, and AST/UST.

Health & Safety

Developed internal Health and Safety Programs for retail oil & gas operations based on client requirements. Wrote Health and Safety plans for over 500 retail gas locations.
October 21, 2011

Mr. Gregory Moore
Kern County Environmental Health Division
2700 M Street, Suite 300
Bakersfield, California 93301-2370

Re: 60186193-6
Subject: Underground Storage Tank Removal Report – Fremont Valley Ranch, 29954 Highway 14, Kern County, California

Dear Mr. Moore:

On behalf of Beacon Solar, LLC, AECOM submits this report documenting the removal of one 5,000-gallon diesel underground storage tank (UST) and one 2,000-gallon gasoline UST located at the subject property. The location of the subject property is illustrated on the attached Figure 1 – Site Location Map. The approximate locations of the former USTs and former site features are illustrated on Figure 2 – Site Plan.

PRE-FIELD ACTIVITIES

Permits

Prior to commencement of field activities, a permit for permanent closure of underground hazardous substances storage tank systems (#CR-8910) was obtained from the Kern County Environmental Health Division (KCEHD). A copy of the permit is provided in Attachment A.

Underground Utility Clearance

Prior to removing the USTs, the proposed excavation area was marked with wooden stakes. AECOM’s subcontractor, A.J. Diani Construction Co., Inc. (Diani) contacted Underground Service Alert (USA) to mark subsurface utilities within the proposed excavation limits.

UST REMOVAL

UST Removal Preparation

On September 13, 2011, under the direction of AECOM personnel, Diani Construction removed two dispenser islands associated with the USTs. Approximately four feet of overburden soil was removed and stockpiled to expose the top third of each UST. The USTs were situated end-to-end in a north/south direction with the 5,000-gallon diesel UST to the south and the 2,000-gallon UST to the north (Figure 3 – Soil Sample Locations). Product piping and fill ports extended vertically from each UST to the dispenser island locations. No lateral product piping was present. A photographic log detailing the UST removal process is included in Attachment B.
The fill ports and associated product piping were detached from each UST, cleaned, and removed from the excavation area. Each tank interior was decontaminated and rinsed in preparation for removal. Residual liquid was pumped from each tank with a vacuum truck. Approximately 100-gallons of decontamination liquid was pumped from the USTs and transported as non-hazardous waste to DeMenno Kerdoon in Compton, California. A copy of the non-hazardous waste manifest for decontamination liquid is included in Attachment C.

Following decontamination, the interior atmosphere of each UST was purged with dry ice until it contained 0% of the lower explosive limit (LEL) for gasoline or diesel. The USTs were subsequently certified for transport (certification number: 15A2744).

**UST Removal**

KCEHD inspector, Mr. Gregory Moore, was present to witness the removal of each UST. The inspector observed the tanks and found them to be structurally sound and authorized removal from the site. On September 14, 2011, the USTs were transported to Ecology Auto Parts in Santa Fe Springs, California for recycling. A copy of the UST Certificate of Destruction is included in Attachment C.

**PRELIMINARY SITE ASSESSMENT**

**Soil Sampling**

Since the USTs were situated end-to-end, KCEHD inspector Mr. Moore elected to consider the tanks as one unit, and subsequently directed AECOM to collect soil samples from 1/3 of the way in from each end at 2-feet and 6-feet below the bottom of the tank unit. The soil samples were collected from the excavator bucket and transferred to 8-ounce glass jars. The soil samples were sealed, labeled, recorded on a chain-of-custody (COC) form and placed in an ice chest pending delivery to BC Laboratories in Bakersfield, California. BC Laboratories is a certified hazardous waste testing laboratory under California certification number 1186.

In general, soils encountered during the UST removal process appeared clean. No petroleum hydrocarbon odors or staining were observed around the UST locations. After the USTs were removed, the remaining pit was backfilled with excavated material.

**Laboratory Analysis**

A total of four soil samples were selected for laboratory analysis. Additionally, a duplicate soil sample was collected from beneath the diesel UST at 6-feet below the tank bottom. The soil samples were analyzed on a five-day turnaround time for the following:

- Gasoline range organics (GRO C₄₋C₁₂) by LUFT method,
- Total petroleum hydrocarbons as diesel (TPH-d) by LUFT/FFP method,
- Total petroleum hydrocarbons as motor oil (TPH-mo) by LUFT/FFP method, and
- Benzene, toluene, ethylbenzene, total xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by US EPA Method 8260b.
**Soil Sample Analytical Results**

Petroleum hydrocarbons were not detected above the laboratory detection limits (not detected) in the soil samples collected from beneath the UST unit at depths of 2 and 6-feet below the tank bottoms. A copy of the laboratory analytical report with COC documentation is included in Attachment D.

**CONCLUSIONS AND RECOMMENDATIONS**

In general, soils encountered around and beneath the USTs appeared clean. No petroleum hydrocarbon odors or staining were observed. Based on field observations and the absence of petroleum hydrocarbons in soil samples collected beneath the USTs, no further assessment or remediation is warranted beneath the former UST locations.

If you have questions regarding this report, please contact Mr. Jim Fickerson at (805) 388-3775 or email him at jim.fickerson@aecom.com.

Jim Fickerson, REA  
Program Manager

Dana Files, P.G.  
Geologist

**Figures**

1. Site Location Map
2. Site Plan
3. Site Plan with Soil Sample Locations

**Attachments**

A. UST Removal Permit  
B. Photo Log  
C. Non-Hazardous Waste Manifest for Decon Water and UST Certificate of Destruction  
D. Laboratory Analytical Reports & Chain-of-Custody Documentation

Cc: Mr. Brandon Stankiewicz, NextEra Energy Resources w/figures & attachments
FIGURES
Fremont Valley Ranch
29954 Highway 14
Kern County, California

Site Location
PROPERTY BOUNDARY

Former Underground Storage Tank Locations
(See Figure 3)
ATTACHMENT A
UST Removal Permit
APPLICATION AND PERMIT FOR PERMANENT CLOSURE
UNDERGROUND HAZARDOUS SUBSTANCES STORAGE TANK SYSTEMS

This Application is for ☐ Removal  ☐ Abandonment in Place

<table>
<thead>
<tr>
<th>Facility Information</th>
<th>Owner's Information</th>
<th>Contractor's Information</th>
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<tbody>
<tr>
<td>Name: Fremont Valley Ranch</td>
<td>Name: Beacon Solar, LLC</td>
<td>Name: A.J. Diani Construction Co., Inc</td>
</tr>
<tr>
<td>Address: 29994 Highway 14</td>
<td>Address: 700 Universe Blvd</td>
<td>Address: 351 N Blosser Rd</td>
</tr>
<tr>
<td>City: Mojave</td>
<td>City: June Beach</td>
<td>City: Santa Maria</td>
</tr>
<tr>
<td>State: CA</td>
<td>Zip: 93501</td>
<td>State: CA</td>
</tr>
<tr>
<td>Phone: NA</td>
<td>Phone: 516-304-5109</td>
<td>Phone: 805-292-9533</td>
</tr>
<tr>
<td>Cross Street: NA</td>
<td></td>
<td>License No. &amp; Contractor: 178450</td>
</tr>
</tbody>
</table>

Proposed Start Date: Sep/Oct 2011  Project Contact: Jim Pickerson  Phone Number: 805-388-3775

<table>
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<tr>
<th>Sampler</th>
<th>Laboratory</th>
<th>Disposal</th>
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<tr>
<td>Name: AUCOM</td>
<td>Name: BC Laboratories</td>
<td>Disposal Location: A.J. Diani</td>
</tr>
<tr>
<td>Address: 1220 Avenida Acaso</td>
<td>Address: 4100 Atlas Court</td>
<td>Rinse Disposal Location: Denneo Keddon</td>
</tr>
<tr>
<td>City: Camarillo</td>
<td>City: Bakersfield</td>
<td>Disposal Location: Tank &amp; Piping</td>
</tr>
<tr>
<td>Phone: 805-388-3775</td>
<td>Phone: 661-397-4911</td>
<td>Denneo Keddon</td>
</tr>
</tbody>
</table>

TANK INFORMATION

<table>
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<tr>
<th>Tank #</th>
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<th>Chemical Stored</th>
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<tbody>
<tr>
<td>1</td>
<td>7,000 gal</td>
<td>Gasoline</td>
<td>NA</td>
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<tr>
<td>2</td>
<td>7,000 gal</td>
<td>Diesel</td>
<td>NA</td>
</tr>
</tbody>
</table>

Use additional page if needed.

POST ON PREMISES

CONDITIONS AS FOLLOWS:

1. It is the responsibility of the Permittee to obtain permits which may be required by other regulatory agencies prior to beginning work (i.e., City Fire and Building Departments).
2. Permits should notify the United Hazardous Materials/Waste Program at (661) 382-8700 two working days prior to tank removal or abandonment in place to arrange for required inspection(s).
3. Task closure activities should be performed in accordance with Kern County Environmental Health and Fire Department approved methods as described in Handbook 111-10.
4. It is the contractor's responsibility to know and adhere to all applicable laws regarding the handling, transportation, or treatment of hazardous materials.
5. The tank removal contractor should meet all minimum supervisory requirements as specified in laws enforced by the Contractor Licensing Board.
6. If any contractors other than those listed on permit and permit application are to be utilized, prior approval should be obtained by the specialist approving the permit. Deviation from the submitted application is not recommended without prior approval.
7. State CFT regulations specify that soil samples be retrieved within the native material beneath portions of the underground storage tanks. The following are soil sampling recommendations that could prevent unnecessary remediation costs:
   a. Tank size less than or equal to 1,000 gallons - a minimum of two samples, retrieved from beneath the center of the tank at depths of approximately two feet and six feet.
   b. Tank size greater than 1,000 to 10,000 gallons - a minimum of four samples, retrieved one-third of the way in from the ends of each tank at depths of approximately two feet and six feet.
   c. Tank size greater than 10,000 gallons - a minimum of six samples, retrieved one-fourth of the way in from the ends of each tank and beneath the center of each tank at depths of approximately two feet and six feet.

THIS APPLICATION BECOMES A PERMIT WHEN APPROVED
(continued on reverse side)
POST ON PREMISES

8. Sample locations to be specified either within a plot plan attached or one provided on this permit application.

9. Piping samples are to be retrieved at depths of approximately two feet and six feet for every 20 linear feet of pipe run and under the dispenser area.

10. Soil samples shall be analyzed for key constituents representative of the materials stored. The following are local recommendations for sample analysis:
   a. Gasoline: benzene, toluene, xylene, ethyl benzene, MTBE, and total petroleum hydrocarbons (gasoline)
   b. Diesel: benzene, MTBE, and total petroleum hydrocarbons (diesel)
   c. Waste oil: oil and grease, and total lead
   d. Unknown: samples should be analyzed for a full range of substances which may have been stored within the tank.

11. To ensure that the permit processing is cost-effective, the following time line is recommended:

   **ACTIVITY**          **DEADLINE**          **Drawing of Physical Layout of Facility**

   Notification to Inspector listed on permit of date and time of closure and soil sampling. Two working days

   Transportation and tracking forms sent to Hazardous Materials Management Program. All hazardous waste manifests must be signed by the receiver of the hazardous waste.

   Sample analysis to Hazardous Materials Management Program. No later than 3 working days after arrival.

   No later than 5 working days for transportation and 14 working days for the tracking form after removal.

12. Purging/Emptying Conditions:
   a. Liquid shall be pumped from the tank prior to purging, such that less than 1 gallon of liquid remains in the tank (CSHASC 41760).
   b. Tank shall be purged through vent pipe discharging at least 10 feet above ground level (CSHASC 41760).
   c. No emission shall result in odors detectable at or beyond property line. (Rule 419)
   d. No emission shall endanger the health, safety, comfort or repose of any person (CSHASC 41760)
   e. Vent lines shall remain attached to tank until the inspector arrives to authorize removal.

RECOMMENDATIONS/GUIDELINES FOR REMOVAL OF UNDERGROUND STORAGE TANKS

This Division is responsible for ensuring that the standards contained in the Kern County Ordinance Code, Division 8 and State regulations pertaining to underground storage tanks are met. The guidelines and conditions provided within this permit are to assure this Division in meeting that goal.

1. It is the contractor/applicant's responsibility to know and abide by CAL-OSHA regulations.

2. Tracking forms, hazardous waste manifests and analyses documentation are necessary for each site in order to close a case file or move it into mitigation. When contractors do not follow through on necessary paperwork, an unmanageable backlog of incomplete cases results, resulting in prolonged processing time for completing site closures.

THE APPLICANT HAS RECEIVED, UNDERSTOOD, AND WILL COMPLY WITH THE ABOVE CONDITIONS OF THIS PERMIT AND ANY OTHER STATE, LOCAL AND FEDERAL REGULATIONS PERTAINING TO WORK COMPLETED ON SITE.

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY AND TO THE BEST OF MY KNOWLEDGE IS TRUE AND CORRECT.

Owner's signature: ___________________________ Date: 8-11-11
Authorized Representative: ___________________________ Date: 8-11-11

INTERNAL USE ONLY

Approved By: ___________________________ Total Fee $1,550.00 Paid On: 8-11-11
Issue Date: Aug. 30, 2011 Receipt # 175912, Cash Check # 1455373
Permit Expiration Date: Dec. 30, 2011

THIS APPLICATION BECOMES A PERMIT WHEN APPROVED.
8. Sample locations to be specified either within a plot plan attached or one provided on this permit application.
9. Piping samples are to be removed at depths of approximately two feet and six feet for every 20 linear feet of pipe run and under the dispensing area.
10. Soil samples shall be analyzed for key constituents representative of the materials stored. The following are local recommendations for sample analysis:
   a. Gasoline - benzene, toluene, xylene, ethyl benzene, MTBE, and total petroleum hydrocarbons (gasoline)
   b. Diesel - benzene, MTBE, and total petroleum hydrocarbons (diesel)
   c. Waste oil - oil and grease, and total lead
   d. Unknown - Samples should be analyzed for a full range of substances which may have been stored within the tank.
11. To ensure that the permit processing is cost effective, the following time lines are recommended:

<table>
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<td>Transportation and tracking forms sent to Hazardous Materials Management Program. All hazardous waste manifests must be signed by the receiver of the hazardous waste</td>
<td>No later than 5 working days for transportation and 14 working days for the tracking form after removal</td>
</tr>
<tr>
<td>Sample analysis to Hazardous Materials Management Program after</td>
<td>No later than 3 working days</td>
</tr>
</tbody>
</table>

12. Purging/venting Conditions:
   a. Liquid shall be pumped from the tank prior to purging, such that less than 8 gallons of liquid remains in the tank (CSH&B 41700).
   b. Tank shall be purged through vent pipe discharging at least 10 feet above ground level. (CSH&B 41700)
   c. No emission shall result in odors detectable at or beyond property line. (RUL 419)
   d. No emission shall endanger the health, safety, comfort or repose of any person. (CSH&B 41700)
   e. Vent lines shall remain attached to tank until the inspector arrives to authorize removal.

Provide a drawing in the space above of tanks, piping, lengths, dimensions, proposed sampling locations designated by &, and North arrow (use additional page if needed).

RECOMMENDATIONS/GUIDELINES FOR REMOVAL OF UNDERGROUND STORAGE TANKS

This Division is responsible for ensuring that the standards contained in the Kern County Ordinance Code, Division 8 and State regulations pertaining to underground storage tanks are met. The guidelines and conditions provided within this permit are to assist this Division in meeting that goal.

1. It is the contractor/applicant's responsibility to know and abide by CAL-OSHA regulations.
2. Tracking forms, hazardous waste manifests and analyses documentation are necessary for each site in order to close a case file or move site into mitigation. When contractors do not follow through on necessary paperwork, an unmanageable backlog of incomplete cases results, resulting in prolonged processing time for completing site closures.

THE APPLICANT HAS RECEIVED, UNDERSTANDS, AND WILL COMPLY WITH THE ABOVE CONDITIONS OF THIS PERMIT AND ANY OTHER STATE, LOCAL AND FEDERAL REGULATIONS PERTAINING TO WORK COMPLETED ON SITE. THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY AND TO THE BEST OF MY KNOWLEDGE IS TRUE AND CORRECT.

Owner's Signature ___________________________ Date 8/18/11
Authorized Representative ___________________

INTERNAL USE ONLY

Approved By: _____________________________ Total Fee _____________ Paid On: ___________
Issue Date: _______________________________ Receipt # ___________ Cash ___________ Check # ___________
Permit Expiration Date: _____________________ Fee Received By: __________________

THIS APPLICATION BECOMES A PERMIT WHEN APPROVED
ATTACHMENT B
Photo Log
### Facility Name:
Fremont Valley Ranch

### Site Location:
29954 Highway 14, Kern County, California

### Project No.:
60186193-6

<table>
<thead>
<tr>
<th>Photo No.</th>
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<th>Direction Photo Taken</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>9/13/2011</td>
<td>South</td>
<td>View of exposed USTs. 2,000-gallon gasoline UST is in the foreground and 5,000-gallon diesel UST is in the background. Note fill ports and product piping ports on tops of tanks.</td>
</tr>
<tr>
<td>2</td>
<td>9/13/2011</td>
<td>North</td>
<td>View of 2,000-gallon gasoline UST.</td>
</tr>
<tr>
<td>Photo No.</td>
<td>Date</td>
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<td>Description</td>
</tr>
<tr>
<td>----------</td>
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<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>3</td>
<td>9/13/2011</td>
<td>Southeast</td>
<td>View of remaining 5,000-gallon diesel UST prior to removal.</td>
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<table>
<thead>
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<tbody>
<tr>
<td>4</td>
<td>9/13/2011</td>
<td>West</td>
<td>View of 5,000-gallon diesel UST in foreground. 2,000-gallon gasoline UST is already loaded on the truck in background.</td>
</tr>
</tbody>
</table>
Facility Name: Fremont Valley Ranch
Site Location: 29954 Highway 14, Kern County, California
Project No.: 60186193-6

Photo No. 5  Date: 9/13/2011
Direction Photo Taken: South
Description:
View of remaining void where the 5,000-gallon diesel UST was previously located.

Photo No. 6  Date: 9/13/2011
Direction Photo Taken: Northeast
Description:
View of 2,000-gallon gasoline, and 5,000-gallon diesel USTs loaded on the truck pending transport to Ecology Auto Parts in Santa Fe Springs, California for destruction.
<table>
<thead>
<tr>
<th>Photo No.</th>
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<th>Direction Photo Taken</th>
<th>Description</th>
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<tbody>
<tr>
<td>7</td>
<td>9/13/2011</td>
<td>South</td>
<td>View of excavator retrieving soil for sampling as part of the preliminary site assessment.</td>
</tr>
<tr>
<td>8</td>
<td>9/13/2011</td>
<td>Northeast</td>
<td>View of backfill material being added to the excavation.</td>
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<tr>
<td>Facility Name</td>
<td>Site Location</td>
<td>Project No.</td>
<td></td>
</tr>
<tr>
<td>-------------------------</td>
<td>----------------------------------------------------</td>
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<tr>
<td>Fremont Valley Ranch</td>
<td>29954 Highway 14, Kern County, California</td>
<td>60186193-6</td>
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<th>Direction Photo Taken</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>9/13/2011</td>
<td>South</td>
<td>View of backfilled and compacted excavation location.</td>
</tr>
</tbody>
</table>
ATTACHMENT C
Non-Hazardous Waste Manifest for Decon Water and UST
Certificate of Destruction
1. Generator ID Number: CAC002672164
2. Emergency Response Phone: (714) 990-6885
3. Manifest Tracking Number: 002144715 FLE
4. Generator's Name and Mailing Address: Beacon Solar LLC
   700 Universe Blvd.
   Juno Beach, FL 33408
   Phone: 561-304-5109
5. Transporter 1 Company Name: Rialto and Sons Trucking, Inc.
6. Transporter 2 Company Name: DeMenno Kerdoon
   2000 N. Alameda Street
   Compton, CA 90222
   Phone: (310) 597-7100
7. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group):
   1. NON RCRA HAZARDOUS WASTE LIQUID
      (Olly Water Mixture)
   2. 
   3. 
   4. 
8. Spinal Handling Instructions and Additional Information:
   Wear All Appropriate Protective Clothing
9. Generator/Officer's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/printed and are in all respects in proper condition for transport, according to applicable international and national governmental regulations. I certify that all the information on this form is true and correct. I am the primary exporter.
   Signature: [Signature]
   Date: 09/13/11
10. International Shipments: Import to U.S. [ ] Export from U.S. [ ]
    Transporter signature: [Signature]
    Date leaving U.S.: 09/13/11
11. Discrepancy: 
    Discrepancy Indication Space: [ ]
    Quantity: [ ]
    Type: [ ]
    Residues: [ ]
    Partial Rejection: [ ]
    Full Rejection: [ ]
    Manifest Reference Number: U.S. EPA ID Number
12. Alternate Facility (or Generator): 
    Facility's Phone: 
    Signature of Alternate Facility (or Generator): [Signature]
    Date: 09/23/11
13. Hazardous Waste Report Management Method (e.g., OSP for hazardous waste treatment, disposal, and recycling systems):
    1. 
    2. 
    3. 
    4. 
14. Designated Facility Owner or Operator: Certification of receipt of hazardous material indicated by the manifest except as noted in item 16.
    Printed Type Name: [Type Name]
    [Signature]
    Date: 09/23/11
   DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)
CERTIFICATE OF DESTRUCTION

ECOLOGY AUTO PARTS
13780 E, IMPERIAL HWY
SANTA FE SPRINGS, CA 90670
(562) 404-8683

COMPANY: Beacon Solar
JOB SITE: 29954 Highway 14
Mojave, CA

DESCRIPTION: 1-5,000 gallon steel tank
1-2,000 gallon steel tank

UNDERGROUND STORAGE TANKS
HAS BEEN SCRAPPED, CRUSHED AND DESTROYED AT
ECOLOGY AUTO PARTS
SANTA FE SPRINGS, CA
ON: 9-14-11

SIGNATURE: [Signature]
TITLE: MANAGER / BARBARA MEDRANO
DATE: 09/26/2011
ATTACHMENT D
Laboratory Analytical Report & Chain of Custody Documentation
Enclosed are the results of analyses for samples received by the laboratory on 9/14/2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

[Signature]

Molly Meyers
Client Service Rep
# Table of Contents

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- Laboratory / Client Sample Cross Reference

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  - Purgeable Aromatics and Total Petroleum Hydrocarbons
- 1114865-02  - B-S-2
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  - Purgeable Aromatics and Total Petroleum Hydrocarbons
- 1114865-03  - B-S-6
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- Volatile Organic Analysis (EPA Method 8260)
  - Method Blank Analysis
  - Laboratory Control Sample
  - Precision and Accuracy
- Purgeable Aromatics and Total Petroleum Hydrocarbons
  - Method Blank Analysis
  - Laboratory Control Sample
  - Precision and Accuracy

## Notes
- Notes and Definitions
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Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1114865  Page 2 of 2

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---

**SAMPLE RECEIPT FORM**

**Submission #:**

**SHIPPING INFORMATION**
- Federal Express
- UPS
- Hand Delivery

**SHIPPING CONTAINER**
- Ice Chest
- Box

**Refrigerant:**
- Ice
- Blue Ice
- None
- Other

**Comments:**

**Custody Seals:**
- Ice Chest
- Containers

**Intact? Yes ☐ No ☐ Comments:**

**All samples received?**
- Yes ☑ No ☐

**All samples containers intact?**
- Yes ☑ No ☐

**Description(s) match COC?**
- Yes ☑ No ☐

**COC Received**
- YES ☑ NO ☐

**Emissivity:** 0.98

**Container:**
- Glass

**Thermometer ID:** 171

**Date/Time:** 9/4 10:40

**Temperature:**
- 1.7°C
- 1.8°C

**Sample Containers**

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<th>SAMPLE CONTAINERS</th>
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</tr>
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<td>1</td>
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<tr>
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<td>PT INORGANIC CHIMICAL METALS</td>
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<tr>
<td>PT TOTAL SULFIDE</td>
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<td>PLASTIC BAG</td>
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<td>FERROUS ION</td>
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<tr>
<td>ENCORE</td>
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</tbody>
</table>

**Comments:**

**Sample Numbering Completed By:**

A = Actual  C = Corrected

**DateTime:** 9/4 11:10

---

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4100 Atlas Court  Bakersfield, CA 93308  (661) 327-4911  FAX (661) 327-1918  www.bclabs.com Page 4 of 23
Laboratory / Client Sample Cross Reference

<table>
<thead>
<tr>
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<td><strong>Sampling Location:</strong> ---</td>
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<td><strong>Sampling Point:</strong> DUP-1</td>
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## Volatile Organic Analysis (EPA Method 8260)

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<th>Constituent</th>
<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>ND</td>
<td>ug/L</td>
<td>0.50</td>
<td>0.083</td>
<td>EPA-8260</td>
<td>ND</td>
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<tr>
<td>Ethylbenzene</td>
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<td>ug/L</td>
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<td>0.098</td>
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<td>Methyl t-butyl ether</td>
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<td>ug/L</td>
<td>0.50</td>
<td>0.11</td>
<td>EPA-8260</td>
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<tr>
<td>Toluene</td>
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<td>ug/L</td>
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<td>0.093</td>
<td>EPA-8260</td>
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<td>0.36</td>
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<td>1,2-Dichloroethane-d4 (Surrogate)</td>
<td>112</td>
<td>%</td>
<td>76 - 114 (LCL - UCL)</td>
<td>EPA-8260</td>
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<tr>
<td>Toluene-d8 (Surrogate)</td>
<td>107</td>
<td>%</td>
<td>88 - 110 (LCL - UCL)</td>
<td>EPA-8260</td>
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<tr>
<td>4-Bromofluorobenzene (Surrogate)</td>
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<td>%</td>
<td>86 - 115 (LCL - UCL)</td>
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### QC

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<td>1</td>
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<td>JMC</td>
<td>MS-V12</td>
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# Volatile Organic Analysis (EPA Method 8260)

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<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
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<td>mg/kg</td>
<td>0.0050</td>
<td>0.0013</td>
<td>EPA-8260</td>
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<tr>
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<td>Toluene</td>
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<td>mg/kg</td>
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<td>0.0012</td>
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<tr>
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<td>mg/kg</td>
<td>0.010</td>
<td>0.0034</td>
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<td>1,2-Dichloroethane-d4 (Surrogate)</td>
<td>86.1</td>
<td>%</td>
<td>70 - 121 (LCL - UCL)</td>
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<tr>
<td>Toluene-d8 (Surrogate)</td>
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<td>%</td>
<td>81 - 117 (LCL - UCL)</td>
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<td>4-Bromofluorobenzene (Surrogate)</td>
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<td>%</td>
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<table>
<thead>
<tr>
<th>Run #</th>
<th>Method</th>
<th>Prep Date</th>
<th>Run Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
<th>Dilution</th>
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## Purgeable Aromatics and Total Petroleum Hydrocarbons

**BCL Sample ID:** 1114865-02  
**Client Sample Name:** B-S-2, 9/13/2011  1:20:00PM

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<th>Result</th>
<th>Units</th>
<th>PQL</th>
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<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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<td>Gasoline Range Organics (C4 - C12)</td>
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<td>TPH - Diesel (FFP)</td>
<td>ND</td>
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<td>10</td>
<td>1.2</td>
<td>Luft/FFP</td>
<td>ND</td>
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<td>TPH - Motor Oil</td>
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<td>mg/kg</td>
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<td>Tetracosane (Surrogate)</td>
<td>103</td>
<td>%</td>
<td>20 - 145</td>
<td>(LCL - UCL)</td>
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<tr>
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<td>%</td>
<td>70 - 130</td>
<td>(LCL - UCL)</td>
<td>Luft</td>
<td>1</td>
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<table>
<thead>
<tr>
<th>Run #</th>
<th>Method</th>
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<th>Run Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
<th>Dilution</th>
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<tr>
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<td>09/13/11</td>
<td>09/14/11  18:06</td>
<td>JJH</td>
<td>GC-V8</td>
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<td>GC-2</td>
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## Volatile Organic Analysis (EPA Method 8260)

<table>
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<th>Constituent</th>
<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>ND</td>
<td>mg/kg</td>
<td>0.0050</td>
<td>0.0013</td>
<td>EPA-8260</td>
<td>ND</td>
<td></td>
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<tr>
<td>Ethylbenzene</td>
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<td>mg/kg</td>
<td>0.0050</td>
<td>0.0015</td>
<td>EPA-8260</td>
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<td>Methyl t-butyl ether</td>
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<td>0.0050</td>
<td>EPA-8260</td>
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<td>Toluene</td>
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<td>mg/kg</td>
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<td>0.0012</td>
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<td>1,2-Dichloroethane-d4 (Surrogate)</td>
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<td>81 - 117 (LCL - UCL)</td>
<td>EPA-8260</td>
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<tr>
<td>4-Bromofluorobenzene (Surrogate)</td>
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<td>%</td>
<td>74 - 121 (LCL - UCL)</td>
<td>EPA-8260</td>
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### QC Table

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<th>Run Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
<th>Dilution</th>
<th>Batch ID</th>
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### Purgeable Aromatics and Total Petroleum Hydrocarbons

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<thead>
<tr>
<th>BCL Sample ID</th>
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<th>Result</th>
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<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
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<td>1114865-03</td>
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<td>Gasoline Range Organics (C4 - C12)</td>
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<td>mg/kg</td>
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<td>0.10</td>
<td>Luft</td>
<td>ND</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TPH - Diesel (FFP)</td>
<td>ND</td>
<td>mg/kg</td>
<td>10</td>
<td>1.2</td>
<td>Luft/FFP</td>
<td>ND</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TPH - Motor Oil</td>
<td>ND</td>
<td>mg/kg</td>
<td>20</td>
<td>6.5</td>
<td>Luft/FFP</td>
<td>ND</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tetracosane (Surrogate)</td>
<td>92.4</td>
<td>%</td>
<td>20 - 145 (LCL - UCL)</td>
<td>Luft/FFP</td>
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<tr>
<td></td>
<td></td>
<td>a,a,a-Trifluorotoluene (FID Surrogate)</td>
<td>99.2</td>
<td>%</td>
<td>70 - 130 (LCL - UCL)</td>
<td>Luft</td>
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<td>1</td>
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<table>
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<th>Run Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
<th>Dilution</th>
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<td>GC-2</td>
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<td>BU0945</td>
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### Volatile Organic Analysis (EPA Method 8260)

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<th>Units</th>
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<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>ND</td>
<td>mg/kg</td>
<td>0.0050</td>
<td>0.0013</td>
<td>EPA-8260</td>
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<td></td>
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<tr>
<td>Ethylbenzene</td>
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<td>mg/kg</td>
<td>0.0050</td>
<td>0.0015</td>
<td>EPA-8260</td>
<td>ND</td>
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</tr>
<tr>
<td>Methyl t-butyl ether</td>
<td>ND</td>
<td>mg/kg</td>
<td>0.0050</td>
<td>0.00050</td>
<td>EPA-8260</td>
<td>ND</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Toluene</td>
<td>ND</td>
<td>mg/kg</td>
<td>0.0050</td>
<td>0.0012</td>
<td>EPA-8260</td>
<td>ND</td>
<td></td>
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<tr>
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<td>mg/kg</td>
<td>0.010</td>
<td>0.0034</td>
<td>EPA-8260</td>
<td>ND</td>
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<td>1</td>
</tr>
<tr>
<td>1,2-Dichloroethane-d4 (Surrogate)</td>
<td>105</td>
<td>%</td>
<td>70 - 121 (LCL - UCL)</td>
<td>EPA-8260</td>
<td>1</td>
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<td></td>
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</tr>
<tr>
<td>Toluene-d8 (Surrogate)</td>
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<td>%</td>
<td>81 - 117 (LCL - UCL)</td>
<td>EPA-8260</td>
<td>1</td>
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<tr>
<td>4-Bromofluorobenzene (Surrogate)</td>
<td>115</td>
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<td>74 - 121 (LCL - UCL)</td>
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</table>

<table>
<thead>
<tr>
<th>Run #</th>
<th>Method</th>
<th>Prep Date</th>
<th>Run Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
<th>Dilution</th>
<th>QC Batch ID</th>
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<tbody>
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Purgeable Aromatics and Total Petroleum Hydrocarbons

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<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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<tbody>
<tr>
<td>Gasoline Range Organics (C4 - C12)</td>
<td>ND</td>
<td>mg/kg</td>
<td>1.0</td>
<td>0.10</td>
<td>Luft</td>
<td>ND</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>TPH - Diesel (FFP)</td>
<td>ND</td>
<td>mg/kg</td>
<td>10</td>
<td>1.2</td>
<td>Luft/FFP</td>
<td>ND</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>TPH - Motor Oil</td>
<td>ND</td>
<td>mg/kg</td>
<td>20</td>
<td>6.5</td>
<td>Luft/FFP</td>
<td>ND</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Tetracosane (Surrogate)</td>
<td>110</td>
<td>%</td>
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<td>(LCL - UCL)</td>
<td>Luft/FFP</td>
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<tr>
<td>a,a,a-Trifluorotoluene (FID Surrogate)</td>
<td>77.8</td>
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<td>70 - 130</td>
<td>(LCL - UCL)</td>
<td>Luft</td>
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Run # | Method | Prep Date | Run Date/Time | Analyst | Instrument | Dilution | QC Batch ID |
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<tr>
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<tbody>
<tr>
<td>1</td>
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<td>Luft/FFP</td>
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<td>MWB</td>
<td>GC-2</td>
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<td>BU10945</td>
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Volatile Organic Analysis (EPA Method 8260)

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<thead>
<tr>
<th>Constituent</th>
<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>ND</td>
<td>mg/kg</td>
<td>0.0050</td>
<td>0.0013</td>
<td>EPA-8260</td>
<td>ND</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>ND</td>
<td>mg/kg</td>
<td>0.0050</td>
<td>0.0015</td>
<td>EPA-8260</td>
<td>ND</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Methyl t-butyl ether</td>
<td>ND</td>
<td>mg/kg</td>
<td>0.0050</td>
<td>0.00050</td>
<td>EPA-8260</td>
<td>ND</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Toluene</td>
<td>ND</td>
<td>mg/kg</td>
<td>0.0050</td>
<td>0.0012</td>
<td>EPA-8260</td>
<td>ND</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Total Xylenes</td>
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<td>0.010</td>
<td>0.0034</td>
<td>EPA-8260</td>
<td>ND</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>1,2-Dichloroethane-d4 (Surrogate)</td>
<td>101</td>
<td>%</td>
<td>70 - 121</td>
<td>(LCL - UCL)</td>
<td>EPA-8260</td>
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</tr>
<tr>
<td>Toluene-d8 (Surrogate)</td>
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<td>%</td>
<td>81 - 117</td>
<td>(LCL - UCL)</td>
<td>EPA-8260</td>
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<td>4-Bromofluorobenzene (Surrogate)</td>
<td>89.4</td>
<td>%</td>
<td>74 - 121</td>
<td>(LCL - UCL)</td>
<td>EPA-8260</td>
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**Run #** | **Method** | **Prep Date** | **Run Date/Time** | **Analyst** | **Instrument** | **Dilution** | **QC Batch ID**
---|------------|---------------|-------------------|-------------|----------------|--------------|-----------------
1 | EPA-8260 | 09/13/11 | 09/15/11 02:07 | ADC | MS-V2 | 1 | BU0717 |

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# Purgeable Aromatics and Total Petroleum Hydrocarbons

<table>
<thead>
<tr>
<th>BCL Sample ID: 1114865-05</th>
<th>Client Sample Name: B-N-6, 9/13/2011 1:35:00PM</th>
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<tbody>
<tr>
<td><strong>Constituent</strong></td>
<td><strong>Result</strong></td>
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<tr>
<td>Gasoline Range Organics (C4 - C12)</td>
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</tr>
<tr>
<td>TPH - Diesel (FFP)</td>
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<tr>
<td>TPH - Motor Oil</td>
<td>ND</td>
</tr>
<tr>
<td>Tetracosane (Surrogate)</td>
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<tr>
<td>a,a,a-Trifluorotoluene (FID Surrogate)</td>
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## QC

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<th>Run Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
<th>Dilution</th>
<th>Batch ID</th>
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<td>BUI0945</td>
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# Volatile Organic Analysis (EPA Method 8260)

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<tr>
<th>Constituent</th>
<th>Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Method</th>
<th>MB Bias</th>
<th>Lab Quals</th>
<th>Run #</th>
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<tbody>
<tr>
<td>Benzene</td>
<td>ND</td>
<td>mg/kg</td>
<td>0.0050</td>
<td>0.0013</td>
<td>EPA-8260</td>
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</tr>
<tr>
<td>Ethylbenzene</td>
<td>ND</td>
<td>mg/kg</td>
<td>0.0050</td>
<td>0.0015</td>
<td>EPA-8260</td>
<td>ND</td>
<td>1</td>
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<tr>
<td>Methyl t-butyl ether</td>
<td>ND</td>
<td>mg/kg</td>
<td>0.0050</td>
<td>0.00050</td>
<td>EPA-8260</td>
<td>ND</td>
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<tr>
<td>Toluene</td>
<td>ND</td>
<td>mg/kg</td>
<td>0.0050</td>
<td>0.0012</td>
<td>EPA-8260</td>
<td>ND</td>
<td>1</td>
<td></td>
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<tr>
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<td>0.010</td>
<td>0.0034</td>
<td>EPA-8260</td>
<td>ND</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>1,2-Dichloroethane-d4 (Surrogate)</td>
<td>114</td>
<td>%</td>
<td>70 - 121 (LCL - UCL)</td>
<td>EPA-8260</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Toluene-d8 (Surrogate)</td>
<td>102</td>
<td>%</td>
<td>81 - 117 (LCL - UCL)</td>
<td>EPA-8260</td>
<td>1</td>
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<tr>
<td>4-Bromofluorobenzene (Surrogate)</td>
<td>98.1</td>
<td>%</td>
<td>74 - 121 (LCL - UCL)</td>
<td>EPA-8260</td>
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<tr>
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<th>Method</th>
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<th>Run Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
<th>Dilution</th>
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### Purgeable Aromatics and Total Petroleum Hydrocarbons

**BCL Sample ID:** 1114865-06

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<th>MB</th>
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<th>Run #</th>
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<tbody>
<tr>
<td>Gasoline Range Organics (C4 - C12)</td>
<td>ND</td>
<td>mg/kg</td>
<td>1.0</td>
<td>0.10</td>
<td>Luft</td>
<td>ND</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>TPH - Diesel (FFP)</td>
<td>ND</td>
<td>mg/kg</td>
<td>10</td>
<td>1.2</td>
<td>Luft/FFP</td>
<td>ND</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>TPH - Motor Oil</td>
<td>ND</td>
<td>mg/kg</td>
<td>20</td>
<td>6.5</td>
<td>Luft/FFP</td>
<td>ND</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Tetracosane (Surrogate)</td>
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<td>%</td>
<td>20</td>
<td>145</td>
<td>Luft/FFP</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>a,a,a-Trifluorotoluene (FID Surrogate)</td>
<td>107</td>
<td>%</td>
<td>70</td>
<td>130</td>
<td>Luft</td>
<td></td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Run #</th>
<th>Method</th>
<th>Prep Date</th>
<th>Run Date/Time</th>
<th>Analyst</th>
<th>Instrument</th>
<th>Dilution</th>
<th>QC</th>
<th>Batch ID</th>
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</thead>
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<tr>
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<td>09/14/11 20:08</td>
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<td>Luft/FFP</td>
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<td>MWB</td>
<td>GC-2</td>
<td>0.990</td>
<td></td>
<td>BU0945</td>
</tr>
</tbody>
</table>

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4100 Atlas Court  Bakersfield, CA  93308   (661) 327-4911  FAX (661) 327-1918   www.bclabs.com
Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

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<tr>
<th>Constituent</th>
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### Volatile Organic Analysis (EPA Method 8260)

#### Quality Control Report - Laboratory Control Sample

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**QC Batch ID: BUI0915**

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**QC Batch ID: BUI1074**

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### Volatile Organic Analysis (EPA Method 8260)

#### Quality Control Report - Precision & Accuracy

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<td>mg/kg</td>
<td>78.5</td>
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<td>MSD</td>
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<td>ND</td>
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<td>4.1</td>
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<td>102</td>
<td>81 - 117</td>
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<td>MSD</td>
<td>1113168-76</td>
<td>ND</td>
<td>0.050716</td>
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<td>mg/kg</td>
<td>0.3</td>
<td>101</td>
<td>81 - 117</td>
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<td>ND</td>
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<td>0.050000</td>
<td>mg/kg</td>
<td>100</td>
<td>74 - 121</td>
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<tr>
<td>MSD</td>
<td>1113168-76</td>
<td>ND</td>
<td>0.049605</td>
<td>0.050000</td>
<td>mg/kg</td>
<td>1.0</td>
<td>99.2</td>
<td>74 - 121</td>
</tr>
</tbody>
</table>

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Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

<table>
<thead>
<tr>
<th>Constituent</th>
<th>QC Sample ID</th>
<th>MB Result</th>
<th>Units</th>
<th>PQL</th>
<th>MDL</th>
<th>Lab Quals</th>
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<tr>
<td>Gasoline Range Organics (C4 - C12)</td>
<td>BUI0632-BLK1</td>
<td>ND</td>
<td>mg/kg</td>
<td>1.0</td>
<td>0.10</td>
<td></td>
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<tr>
<td>a,a,a-Trifluorotoluene (FID Surrogate)</td>
<td>BUI0632-BLK1</td>
<td>101</td>
<td>%</td>
<td>70 - 130</td>
<td>(LCL - UCL)</td>
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<tr>
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</tr>
<tr>
<td>TPH - Diesel (FFP)</td>
<td>BUI0945-BLK1</td>
<td>ND</td>
<td>mg/kg</td>
<td>10</td>
<td>1.2</td>
<td></td>
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<tr>
<td>TPH - Motor Oil</td>
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<td>mg/kg</td>
<td>20</td>
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<tr>
<td>Tetracosane (Surrogate)</td>
<td>BUI0945-BLK1</td>
<td>83.3</td>
<td>%</td>
<td>20 - 145</td>
<td>(LCL - UCL)</td>
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<tr>
<td>QC Batch ID: BUI0967</td>
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<td>Gasoline Range Organics (C4 - C12)</td>
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<td>ND</td>
<td>mg/kg</td>
<td>1.0</td>
<td>0.10</td>
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<td>102</td>
<td>%</td>
<td>70 - 130</td>
<td>(LCL - UCL)</td>
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### Purgeable Aromatics and Total Petroleum Hydrocarbons

#### Quality Control Report - Laboratory Control Sample

<table>
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<tr>
<th>Constituent</th>
<th>QC Sample ID</th>
<th>Type</th>
<th>Result</th>
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<th>Units</th>
<th>Percent Recovery</th>
<th>RPD</th>
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<td>Gasoline Range Organics (C4 - C12)</td>
<td>BUI0632-BS1</td>
<td>LCS</td>
<td>5.2168</td>
<td>5.0000</td>
<td>mg/kg</td>
<td>104</td>
<td></td>
<td>85 - 115</td>
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<td>a,a,a-Trifluorotoluene (FID Surrogate)</td>
<td>BUI0632-BS1</td>
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<td>0.0415</td>
<td>0.040000</td>
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<td>104</td>
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<td>73.729</td>
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<td>LCS</td>
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<td>mg/kg</td>
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<td>109</td>
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<td>70 - 130</td>
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## Purgeable Aromatics and Total Petroleum Hydrocarbons

### Quality Control Report - Precision & Accuracy

<table>
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<td>0.040000</td>
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4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com
Notes And Definitions

MDL  Method Detection Limit
ND   Analyte Not Detected at or above the reporting limit
PQL  Practical Quantitation Limit
RPD  Relative Percent Difference
A52  Chromatogram not typical of diesel.
Data Request 54:

Please provide one map that delineates the Fremont Valley Ranch and the 80-acre and 14.39-acre parcels. Please indicate on the map which portions of each property are included as part of the BSEP site.

Response:

Beacon Solar has purchased the property for the BSEP plant site in three groups of parcels for which three separate ASTM Phase I report were generated and submitted with the AFC. The first purchase consisted of 24 parcels covering about 2,273 acres, including the area of the former “Fremont Valley Ranch” as well as some parcels to the west of the Ranch and across SR-14. By “Fremont Valley Ranch”, we assume that the CEC Staff is looking for the boundaries of this initial 2,273 acre purchase, and not the boundaries of the actual Ranch. Subsequent to the initial purchase, a second group of 6 parcels was purchased which comprise the 80-acre site, and then a single 14.39 acre parcel that contains the access road for the site was purchased. Please see Figure DR-54 for a figure that shows the boundaries of these 3 purchases in relation to the boundary of the BSEP plant site.

Data Request 55:

Please provide a map of the Fremont Valley Ranch. Please identify on the map the recognized environmental conditions, include buildings, irrigation wells, and underground storage tanks.

Response:

Please see Figure DR-55 for a figure showing the location of recognized environmental conditions, including underground storage tanks, buildings and irrigation wells in relation to the BSEP plant site boundary. Except for an open barn structure in the middle of the property and an irrigation water reservoir, all of the buildings and underground fuel storage tanks are associated with the Fremont Valley Ranch complex, the group of buildings that is just south of the access road that goes onto the site from SR-14. Beacon Solar purchased the additional 14.39 acre parcel when it was learned that the existing access road and rail road crossing was not on the original 2,273 acre property. Beacon Solar intends to upgrade the existing access road and rail road crossing as needed, but it is only this road and some distance of road shoulder that is considered within the BSEP Plant Site boundary. None of the Fremont Valley Ranch complex will be within the fenced BSEP Plant Site. Note that all recognized environmental conditions are located outside the plant site boundary in an area that will not in any way be affected by Project construction or operation.
Figure DR-54
Plant Site Boundary
and Property Purchases

LEGEND

- Approximate BSEP Plant Site Boundary
- Approximate Property Boundaries
- Union Pacific Railroad Tracks
- Paved Road
- Unpaved Road
- Fremont Valley Ranch Complex
- Approximate Location of Barn Structure
- Irrigation Water Reservoir

0 1,000' 2,000' 4,000' Feet

Beacon Solar

ENSRAECOM

Project: 10056-014-300
Date: July 2008
Figure DR-55
Location of Recognized Environment Conditions
November 07, 2011

Mr. Brandon Stankiewicz
Beacon Solar, LLC
700 Universe Blvd.
Juno Beach,
FL, 33408

SUBJECT: CLOSURE OF TWO UNDERGROUND STORAGE TANKS (ONE: 2,000 GALLON GASOLINE AND ONE 5,000 GALLON DIESEL TANK) LOCATED AT 29954 HIGHWAY 14, MOJAVE, CA 93501

Dear Mr. Brandon Stankiewicz,

Kern County Environmental Health Services Department has reviewed the project underground storage tank removal report for the removal and closure of two underground storage tanks. These tanks were located at Beacon Solar Fremont Valley Ranch within the northwestern Mojave Desert Geomorphic Province, approximately 20 miles north of the town of Mojave in Kern County, California. The two steel underground storage tanks removed were identified as one 2,000 gallon gasoline and one 5,000 gallon diesel tank. The tanks were in fair condition when they were removed. No hydrocarbon staining or petroleum odors were observed in the soil below the tanks at the time of tanks removal. Additionally, soil samples were collected a third of the way in from both ends of the removed tanks at depths of 2 feet and 6 feet below the bottom of the former tanks. Soil samples were analyzed by BC Labs in Bakersfield for BTEX, Diesel, and Gasoline Range Organics (C4-C12). Based upon the soil sample results submitted, this Department is satisfied that the site assessment is complete. No further action is indicated at this time, based on current requirements and policies.

It is important to note that this letter does not relieve you of further responsibilities mandated under the California Health and Safety Code and California Water Code if additional or previously unidentified contamination at the subject site causes or threatens to cause pollution or nuisance or is found to pose a significant threat to public health. Changes in the present or proposed land use may require further assessment and mitigation of potential public health impacts. Please call me at (661) 862-8720 if you have any questions or comments.

Sincerely,

Charlie Bauer, P.G., RE.H.S.
Unified Hazardous Materials/Waste Program

Cc: Jim Fickerson, REA
November 23, 2011

Mr. Brandon Stankiewicz  
NextEra Energy Resources, LLC  
700 Universe Blvd.  
Juno Beach, FL 33408

Subject: Site Restoration Report, Former Fremont Valley Ranch,  
29954 Highway 14, Kern County, California

Dear Mr. Stankiewicz,

This letter summarizes site restoration activities that were conducted at the subject property between August and September 2011. The location of the subject property is illustrated on Figure 1 – Site Location Map. Site restoration activities at the subject property included the demolition and/or removal of a residence, maintenance facility, four duplex apartment buildings, seven dilapidated mobile homes, and several debris piles. The location of these former on-site structures is provided on Figure 2 – Site Plan. Two 5,000-gallon underground storage tanks (USTs) were also removed during the site restoration activities. The removal and closure of these two USTs is documented in AECOM’s UST Removal Report, dated October 21, 2011. The following paragraphs summarize the site restoration activities that were conducted at the subject property.

Biological Oversight

AECOM provided biological oversight throughout the duration of this project. These activities included biological awareness training to AECOM’s field staff and subcontractors, daily biological observations by the AECOM field supervisor, and weekly site visits by an AECOM biologist.

Asbestos Abatement

AECOM subcontracted with A.J. Diani Construction Company (Diani) of Santa Maria, California to conduct the site restoration activities. Diani subcontracted with Midwest Environmental Control, Inc. (MEC) to abate the asbestos that was previously identified in the on-site buildings. MEC notified the Eastern Kern Air Pollution Control District of the abatement plans as required. Between August 15 and September 13, 2011, MEC abated approximately 37.5 tons of asbestos from the buildings. The asbestos-related waste was transported to La Paz County Landfill in Parker, Arizona for disposal. Copies of the Asbestos Notification and Uniform Hazardous Waste Manifests are provided in Attachment A.

Site Restoration

Concurrent with the asbestos abatement, Diani began to gather and segregate the debris that was scattered throughout the subject property. Upon completion of the asbestos abatement, the buildings and their foundations were demolished and the resulting materials were segregated for removal. Concrete from the buildings foundations was transported to Big Iron Construction & Landscape Materials in Rosamond, California for recycling. Automotive tires that were gathered...
from throughout the subject property were transported to Scrap Tire Services, Inc. in Palmdale, California. Metal that was gathered from throughout the subject property and that was salvaged during the building demolition activities were transported to Alameda Metals Corporation in Palmdale, California for recycling. Documentation associated with the removal of the concrete, tires, and recyclable materials are included as Attachments B through D. General construction debris was transported to Waste Management in Lancaster, California for disposal. A copy of the general refuse waste disposal documentation is included as Attachment E. Representative site photographs documenting the site restoration activities are included as Attachment F.

Underground Storage Tank Removal

On September 13, 2011, AECOM removed two underground storage tanks (USTs) and associated fuel dispensers from the subject property under the regulatory oversight of Kern County Environmental Health Department (KCEHD). Soil samples collected from beneath the USTs and dispensers indicated that these features did not impact the underlying soil. Additional details on the UST removal, confirmation soil sampling, etc. is contained in AECOM’s UST removal report dated October 21, 2011. On November 7, 2011, KCEHD issued a closure letter to Beacon Solar, LLC stated that "no further action," is required. A copy of the closure letter is provided as Attachment G.

Closing

AECOM appreciates the opportunity to continue to assist NextEra Energy Resources, LLC with environmental consulting services. If you have questions regarding this report, please contact either of the undersigned at (805) 388-3775.

Sincerely,

Jim Fickerson, REA
Program Manager

Sara J. Head
Vice President

Figures

1. Site Location Map
2. Site Plan

Attachments

A. Asbestos-Related Hazardous Waste Manifests
B. Concrete Recycling Documentation
C. Tire Manifest Receipt
D. Metal Recycling Documentation
E. General Refuse Disposal Documentation
F. Representative Site Photographs
G. KCEHD UST Closure Letter
FIGURES
ATTACHMENT A
Asbestos-Related Notification & Hazardous Waste Manifests
KERN COUNTY AIR POLLUTION CONTROL DISTRICT
Asbestos Notification

Operator Project # C111-146

<table>
<thead>
<tr>
<th>Postmark</th>
<th>Date Received</th>
<th>Notification #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revised</td>
<td>Canceled</td>
<td>Courtesy</td>
</tr>
</tbody>
</table>

I. TYPE OF NOTIFICATION: (Please Circle One) Original Revised Canceled Courtesy

II. Facility Owner, Removal Contractor, and Other Operator:

OWNER NAME: BEACON SOLAR, LLC. CO NEXTERA ENERGY RESOURCES
ADDRESS: 700 UNIVERSE BLVD.
CITY: JUNO BEACH
CONTACT: GREGORY FRICK
TELEPHONE: (951) 925-8593

REMOVAL CONTRACTOR: MIDWEST ENVIRONMENTAL CONTROL, INC
ADDRESS: PO BOX 278
CITY: EDWARDS AIR FORCE BASE
CONTACT: DALE BRUHL III
TELEPHONE: 661-258-6000

OTHER CONTRACTOR: A.J. DANI CONSTRUCTION CO., INC.
ADDRESS: 351 N. BLOSSER ROAD / P.O. BOX 636
CITY: SANTA MARIA
CONTACT: GREGORY FRICK
TELEPHONE: (805) 925-9539

III. TYPE OF OPERATION:

D - Demo O - Ordered Demo R - Renovation E - Emergency Renovation

IV. IS ASBESTOS PRESENT? YES

V. FACILITY DESCRIPTION: (Include building name, number, and floor or room number)

BUILDING NAME: FREEMONT VALLEY RANCH BLDGS
ADDRESS: 29964 STATE HIGHWAY 14
CITY: MOJAVE
COUNTY: KERN COUNTY
ZIP: 93501

SITE LOCATION: 14 STRUCTURES
BUILDING SIZE: 23,938 COMBINED SQ FT
NUMBER OF FLOORS: 1
AGE IN YEARS: 40+

PRESENT USE: FORMER RANCH
PRIOR USE: RANCH

VI. ANALYTICAL REPORTS WERE PROVIDED BY AECOM, CONDUCTED IN APRIL 2010.
AECOM 1220 AVENIDA ACASO, CAMARILLO, CA 93012 (805) 388-3775

VII. Approximate amount of asbestos, including:

1. Regulated ACM to be removed:
   RACM

2. Category II ACM not removed:
   Non-friable asbestos material not to be removed:
   Category I
   Category II

3. Non-friable ACM to be removed:
   Non-Friable ACM to be removed:
   PIPES - Linear Feet: 0
   SURFACE AREA - Square Feet: 11,020
   VOL RACM OFF FACILITY COMPONENT - Cubic Feet: 0

VIII. SCHEDULED DATES ASBESTOS REMOVAL: (MM/DD/YY)
START: 15 AUG 11
COMPLETE: 07 SEP 11

IX. SCHEDULED DATES DEMO/RENOVATION: (MM/DD/YY)
START: 29 AUG 11
COMPLETE: 14 SEP 11
X. Description of planned demolition or renovation work, and method(s) to be used:

MEC WILL ABATE BY REMOVAL AND IDENTIFIED ACM CONTAINING VFT & ACOUSTIC CEILING USING WET MANUAL METHODS AND INSIDE A NEGATIVE AIR PRESSURE ENCLOSURE. ROOF PENETRATION MASTIC WILL BE REMOVED BY WET MANUAL METHODS & HEPA VACUUMS WILL BE

XI. Description of work practices and engineering controls to be used to prevent emissions at the demolition and renovation site:

HEPA-FILTERED VACUUMS, WETTING THE ACM MATERIAL WITH AMENDED WATER, FULL CONTAINMENT WITH CRITICAL BARRIERS, NEGATIVE PRESSURE (BY HEPA AIR FILTRATION DEVICES) AND THE ACM WILL BE PROMPTLY CONTAINED.

XII. WASTE TRANSPORTER:

NAME: MEC INC.
ADDRESS: PO BOX 293
CITY: EDWARDS AIR
CONTACT: BRIAN DANDY
TELEPHONE: (661) 256-8060

XIII. WASTE DISPOSAL SITE:

NAME: LA PAZ REGIONAL LANDFILL
LOCATION: 26999 HIGHWAY 95, MILE POST 128
CITY: PARKER
STATE: AZ
ZIP: 85334
CONTACT: ADMIN
TELEPHONE: (602) 628-6733

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY BELOW:

NAME: 
TITLE:

XV. DATE OF ORDER (MM/DD/YY): 
DATE ORDER TO BEGIN (MM/DD/YY):

XVI. FOR EMERGENCY RENOVATIONS

DATE AND HOUR OF EMERGENCY (MM/DD/YY):

DESCRIPTION OF THE SUDDEN, UNEXPECTED EVENT:

EXPLANATION OF HOW THE EVENT CAUSED UNSAFE CONDITIONS OR WOULD CAUSE EQUIPMENT DAMAGE OR AN UNREASONABLE FINANCIAL HUWREN

XVII. DESCRIPTION OF PROCEDURES TO BE FOLLOWED AT THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND ON PREVIOUSLY NON-ASBESTOS MATERIALS WILL BE HANDLED AS REGULATED ACM.

ASBESTOS MATERIAL BECOMES CRUMBLING, PULVERIZED, OR REDUCED TO POWDER

XVIII. I CERTIFY THAT AN INDIVIDUAL TRAINED TO THE PROVISIONS OF THIS REGULATION (40 CFR, PART 61, SUBPART W) WILL BE ON SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS (REQUIRED 1 YEAR AFTER PROMULGATION).

ANNETTE AMBROSE 8/14/2011
SIGNATURE OF OWNER / OPERATOR DATE

ANNETTE AMBROSE 8/14/2011
SIGNATURE OF OWNER / OPERATOR DATE
### OCCUPATIONAL SAFETY & HEALTH REGULATIONS
### ASBESTOS NOTIFICATION
CAL OSHA, TITLE 8, SECT. 3419.a (1-6)

**Project #: C111-146**

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<td>ADDRESS:</td>
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</tr>
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<td>CITY:</td>
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<tr>
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<td>CONTACT:</td>
<td>DALE BRUHL, III</td>
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<tr>
<td>TELEPHONE:</td>
<td>(805) 258-6060</td>
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<th><strong>III. DESCRIPTION OF WORK:</strong></th>
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<td>REMOVAL AND DISPOSAL OF APPRX. 11,620 SQ FT OF ACM ACOUSTIC CEILING.</td>
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<tr>
<td>REMOVAL AND DISPOSAL OF APPRX. 11,620 SQ FT OF ACM VINYL FLOOR TILE.</td>
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<th><strong>IV. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS AT THE WORK SITE:</strong></th>
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<tr>
<td>HEPA-FILTERED RESPIRATORS, HEPA FILTERED VACUUMS, DECONTAMINATION AREA, REMOVAL USING WET MANUAL METHODS. PROMPT CONTAINMENT OF THE WASTE.</td>
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<th><strong>V. SCHEDULED DATES OF ASBESTOS REMOVAL:</strong></th>
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<td>(MM/DD/YY) START: 15 AUG 11 COMPLETE: 01 SEP 11</td>
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<th><strong>VI. EXPOSURE EVALUATION:</strong></th>
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<td>1. STOP DISTURBANCE, 2. WET/COVER TO MAKE SAFE, 3. NOTIFY PROJECT MANAGER,</td>
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<td>4. REASSESS METHODS, 5. DETERMINE APPROPRIATE REMEDIAL ACTIONS, 6. REVISE NOTIFICATION,</td>
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<td>7. ABATE/CLEAN-UP.</td>
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<th><strong>VII. CERTIFIED SUPERVISOR:</strong></th>
<th><strong>AIR SAMPLING MONITOR:</strong></th>
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<td>JUSTIN WHEELER</td>
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<th><strong>VIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.</strong></th>
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<td>RO Waste Asbestos, 9, NA 2212, PG III</td>
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**14. Special Handling Instructions and Additional Information**

Profile #:5124 11 3055  DOT F800.5 Guide 171 Wear Proper PPE Do not Break Bags or Cause Dust 
From: Kent County APCC District - 2700 "M" St., Bakersfield, CA 93301 661-862-8250 
To: EPA, Region 9, 75 Hawthorne St. San Francisco, CA 94105 

**15. GENERATOR/SHIPPER'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled in accordance with applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste minimization statement identified as 40 CFR 262.27(a) if I am a large quantity generator or (b) if I am a small quantity generator) is true.

**Transporter 1 Printed/Typed Name:** Beinbinder

**Transporter 2 Printed/Typed Name:** R. G. 

**Transporter 1 Signature:**

**Transporter 2 Signature:**

**Note:**

- **EPA Form 8700-22 (Rev. 05/08)** Previous editions are obsolete.
**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator ID Number
   - CAS570025149

2. Page 1 of
   - 1

3. Emergency Response Phone
   - 561-810-5914

4. Manifest Tracking Number
   - 007308229 JJK

5. Generator's Name and Mailing Address
   - Beacon Solar, LLC
   - 700 Universe Blvd.
   - North Palm Beach, FL 33408 USA

6. Generator's Site Address (if different than mailing address)
   - 29954 Hwy 14
   - Freedom Valley Ranch, CA 93519 USA

7. Generator's Phone
   - 561-621-7171

8. Transporter 1 Company Name
   - MEC Inc. 4919 Contractors Road, Edwards AFB 93523 6612386060

9. Transporter 2 Company Name
   - U.S. EPA ID Number
   - OHD108405531

10. Designated Facility Name and Site Address
    - La Paz County Landfill
    - 26999 Hwy 95, Mile Post 126
    - Parker, AZ 85344 US

11. Facility's Phone
    - 928-915-1253

12. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))
    - RQ Waste Asbestos, 9, NA 2212, PG III

13. Total Containers
    - 1

14. Total Quantity
    - 30

15. Unit Weight/Volume
    - Y 151

16. Special Handling Instructions and Additional Information
    - Profile # 5124 11 13055  DOT FS900 S Guide 171 Wear Proper PPE Do Not Break Bags or Cause Dust

17. GENERATOR’S/CERTIFICATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/packaged, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If the consignment is being exported and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

18. Signature
    - Brandon Stankiewicz
    - 9/20/11

19. International Shipment
    - Import to U.S.
    - Export from U.S.

20. Discrepancy
    - 30 Cu Yds Bins 402

21. Transporter Acknowledgment of Receipt of Materials
    - Signature
    - 9/20/11

22. Transporter 1 Printed/Typed Name
    - Ricardo Gutierrez
    - 9/20/11

23. U.S. EPA ID Number
    - A0099082311

24. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
    - 1. 1132
    - 2. 3.
    - 4.

25. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
    - Printed/Typed Name
    - D6797482
    - 9/20/11

EPA Form 8700-22 (Rev 9-09) Previous editions are obsolete.
ATTACHMENT B
Concrete Recycling Documentation
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**BIG IRON CONSTRUCTION & LANDSCAPE MATERIALS**

P.O. BOX 2240 * 1943-B SIERRA HWY
ROSAMOND, CA 93560
(661) 256-0126

**KEEP THIS SLIP FOR REFERENCE**

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SLOPES, TERRACING
CONCRETE

BIG IRON CONSTRUCTION &
LANDSCAPE MATERIALS
P.O. BOX 2240 * 1943-B SIERRA HWY
ROSAMOND, CA 93560
(661) 256-0126
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5 TONDS BROKEN CONCRETA

BIG IRON CONSTRUCTION & LANDSCAPE MATERIALS
P.O. BOX 2240 * 1943-B SIERRA HWY
ROSMOND, CA 93560
(661) 256-0126
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**BIG IRON CONSTRUCTION & LANDSCAPE MATERIALS**
P.O. BOX 2240 * 1943-B SIERRA HWY
ROSAMOND, CA 93560
(661) 256-0126

RECEIVED BY

KEEP THIS SLIP FOR REFERENCE
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**Big Iron Construction & Landscape Materials**
P.O. Box 2240 * 1943-B Sierra Hwy
Rosamond, CA 93560
(661) 256-0126
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BIG IRON CONSTRUCTION & LANDSCAPE MATERIALS
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ROSAMOND, CA 93560
(661) 256-0126
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**SLOADS BROKEN CONCRETE**

**BIG IRON CONSTRUCTION & LANDSCAPE MATERIALS**

P.O. BOX 2240 * 1943-B SIERRA HWY
ROSAMOND, CA 93560
(661) 256-0126
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**Big Iron Construction & Landscape Materials**

P.O. Box 2240 * 1913-Ibsen Rd
Rosamond, CA 93560

(661) 256-0126
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**BIG IRON CONSTRUCTION & LANDSCAPE MATERIALS**

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ROSAMOND, CA 93560
(661)-256-0126
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BIG IRON CONSTRUCTION & LANDSCAPE MATERIALS
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(661) 256-0126

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BIG IRON CONSTRUCTION & LANDSCAPE MATERIALS
P.O. BOX 2240 * 1943-B SIERRA HWY
ROSAMOND, CA 93560
(661) 256-0126

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<th>DESCRIPTION</th>
<th>PRICE</th>
<th>AMOUNT</th>
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<td>3</td>
<td>1 CONCRETE GROWN</td>
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<td>CONCRETE PUMICE</td>
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<tr>
<td>20</td>
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</table>

BIG IRON CONSTRUCTION & LANDSCAPE MATERIALS
P.O. BOX 2240 * 1943-B SIERRA HWY
ROSMOND, CA 93560
(661) 256-0126
ATTACHMENT C
Tire Manifest Receipt
<table>
<thead>
<tr>
<th>Comprehensive Trip Log Number</th>
<th>Load Information</th>
<th>Facility Tire Program ID</th>
<th>Site Suffix</th>
</tr>
</thead>
<tbody>
<tr>
<td>4362063 -- A</td>
<td>Pick Up</td>
<td>1673408-01</td>
<td></td>
</tr>
<tr>
<td>Hauler Tire Program ID / Site Suffix</td>
<td>Delivery</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1000849 01</td>
<td>DATE 09/21/11</td>
<td>Facility Telephone Number</td>
<td></td>
</tr>
<tr>
<td>Scrap Tire Services, Inc.</td>
<td>TYPE Whole Tire Count</td>
<td>661-8166322</td>
<td></td>
</tr>
<tr>
<td>Customer Manifest Receipt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>661-609-7265</td>
<td>AMT 138</td>
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<td></td>
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</tbody>
</table>

Address Same as Hauler

FACILITY TIRE PROGRAM OF DELIVERY OF THE ENDORSEMENT OF CALIFORNIA TIRE PROGRAM
INFORMATION PROVIDED ABOVE IS NOT INSPECTED
ATTACHMENT D
Metal Recycling Documentation
WEIGHTMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed in Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

ALAMEDA METALS CORP.
37815 6th Street East • Palmdale, California 93550 • (661) 538-0299

NAME OF FIRM

WEIGHT – LBS.

TYPE OF MATERIAL

FILSTEELING

900

16.0 REI

WEIGHTMASTER

Alameda Metals Corp., Weighmaster

BY

By

WEIGHED FOR / SELLER

UFC

DELIVERED TO / BUYER

HASP

DATE

09/09/2015

IN DATE

TIME

09:28 AM

OUT DATE

TIME

09:40 AM

GROSS

60100 lb

BUCK

15300 lb

TARE

44800 lb

NET

15300 lb

TRUCK LICENSE NO.

9616269

TRAILER LICENSE NO.

111-146D
ATTACHMENT E
General Refuse Disposal Documentation
Customer Name: Midwest Environmental Control  
Carrier: Public Hauler Self  
Ticket Date: 09/19/2011  
Payment Type: Credit/Account  
Manual Tickets:  
Hauling Ticket:  
Route:  
State Waste Code:  
Manifest:  
Destination: Grid  
PO:  
Profile:  
Generator:  

Time | Scale | Operator | Inbound | Gross | Tare | Net | Tons |
-----|-------|----------|---------|-------|------|-----|------|
In  09/19/2011 16:23:22 Scale1 | er | | | 47320 lb | 27360 lb | 19760 lb | 9.98 |
Out 09/19/2011 16:40:42 Scale2 | er | | |  

Comments:  
Score: 8:30 AM-4:45 PM (M-F) 6:00 AM-12:00 PM (SAT)  

<table>
<thead>
<tr>
<th>Product</th>
<th>Lb%</th>
<th>Qty</th>
<th>UOM</th>
<th>Rate</th>
<th>Tax</th>
<th>Amount</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NSIN-NSW-Industria 100</td>
<td>9.66</td>
<td>Tons</td>
<td>51.92</td>
<td>14.60</td>
<td>$518.97</td>
<td>Kern</td>
</tr>
<tr>
<td>2</td>
<td>FUEL-Fuel Surcharge 100</td>
<td>%</td>
<td>6.97</td>
<td>436.73</td>
<td>Kern</td>
<td></td>
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<tr>
<td>3</td>
<td>EVF-L-Standard Fry 100</td>
<td>1 Load</td>
<td>14.00</td>
<td>$14.00</td>
<td>Kern</td>
<td></td>
<td></td>
</tr>
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</table>

Bin # 310  
Free Branch JOB  

Total Tax: $563.70  
Total Ticket:  

Driver's Signature: Rick Gutierrez  

403WWM
Customer Name: Midwest Environmental Control
Carrier: Public Hauler Self
Ticket Date: 09/07/2011
Payment Type: Credit Account
Ticket#:
Hauling Ticket#:
Route:
State Waste Code:
Manifest:
Destination:
Key:
Profile:
Generator:

Time | Scale | Operator | Inbound Gross | Tare | Net | Tons
-----|-------|----------|---------------|------|-----|-----
In 09/07/2011 10:11:07 | Scale 2 | ba | 70040 lb | 44590 lb | 33540 lb | 16.7%
Out 09/07/2011 10:11:07

Product | LQ% | Qty | UQM | Rate | tax | Amount | Origin
-------|-----|-----|-----|------|-----|--------|-------
1 C-N-D-Ind- Construc 100 | 16.77 | Tons | 65.17 | $1072.90 Kern
2 FUEL-Fuel Surcharg 100 | % | 707 | $78.26 Kern
3 HVAC-L-Standard Env 100 | 1 Load | 14.00 | $14.00 Kern

Total Tax
Total Ticket $1165.14

Driver's Signature: [Signature]
WM Landfill Recycling
20 East Avenue F
Concord, CA 94520
Ph: 661-786-3468

Original
Ticket# 855622

Customer Name: Midwest Environmental Control
Carrier: Public Hauler Self
Ticket Date: 09/07/2011
Vehicle# 7B16264
Container:

Payment Type: Credit Account
Manual Ticket:

Routing:
Billing #: 0000042
Gen EPA 1B

State Waste Code:
Manifest:
Destination:
Grid: C-111-146

Profile:
Generator:

Time | Scale | Operator | Inbound | Gross | 85520 lb
In  09/07/2011 14:32:27 | Scale? | ba | Tare | 8400 lb
Out 09/07/2011 14:32:27 | ba | Net | 42000 lb
Tons | 21.01

Remarks: 6:00 AM-4:45 PM (M-F) 6:00 AM-12:00 PM (SAT)

<table>
<thead>
<tr>
<th>Product</th>
<th>LO%</th>
<th>Qty</th>
<th>Unit</th>
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<tbody>
<tr>
<td>1</td>
<td>C-N-D-Ind-Construct</td>
<td>100</td>
<td>21.01</td>
<td>Tons</td>
<td>65.17</td>
<td>$1367.42</td>
<td>Kern</td>
</tr>
<tr>
<td>2</td>
<td>FUEL-Fuel Surcharg</td>
<td>100</td>
<td>%</td>
<td>7.07</td>
<td>997.79</td>
<td>Kern</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>GVS-L-Standard Env</td>
<td>100</td>
<td>1 Load</td>
<td>14.00</td>
<td>$14.00</td>
<td>Kern</td>
<td></td>
</tr>
</tbody>
</table>

Total Tax
Total Ticket $1441.01

Driver's Signature
403WM
Customer Name: Midwest Environmental Control
Carrier: Public Hauler Self
Ticket Date: 09/07/2011
Payment Type: Credit
Account Manual Ticket
Route: 09/07/2011 07:06:43
State Waste Code: Grid
Destination: C-111-146
PO: 04
Profile: ()
Generator:

<table>
<thead>
<tr>
<th>Time</th>
<th>Scale</th>
<th>Operator</th>
<th>Inbound</th>
<th>Gross</th>
</tr>
</thead>
<tbody>
<tr>
<td>In: 09/07/2011 07:06:43</td>
<td>Scaled</td>
<td>CB</td>
<td></td>
<td>62720 lb</td>
</tr>
<tr>
<td>Out: 07/07/2011 07:06:43</td>
<td></td>
<td>CB</td>
<td></td>
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</table>

Comments:

Hours: 6:00 AM-4:45 PM (M-F) 6:00 AM-12:00 PM (SAT)

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<th>Product</th>
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<tbody>
<tr>
<td>C-N-D-Ind-Constrc 100</td>
<td>9.11</td>
<td>Tons</td>
<td></td>
<td></td>
<td></td>
<td>$573.70</td>
<td>Kern</td>
</tr>
<tr>
<td>FUEL-Fuel Surcharge 100</td>
<td>%</td>
<td></td>
<td></td>
<td>7.07</td>
<td></td>
<td>$42.96</td>
<td>Kern</td>
</tr>
<tr>
<td>BV-E-Standard Env 100</td>
<td>i Load</td>
<td></td>
<td>14.00</td>
<td></td>
<td></td>
<td>$14.00</td>
<td>Kern</td>
</tr>
</tbody>
</table>

Total Tax
Total Ticket: $650.66

Driver's Signature
403WM
Customer Name: MEC-MEC, Inc.
Ticket Date: 09/06/2011
Payment Type: Credit
Manual Ticket:
Routing:
State Waste Code:
Manifest:
Destination:
Profile:
Generator:

<table>
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<tr>
<th>Time</th>
<th>Scale</th>
<th>Operator</th>
<th>Inbound Gross</th>
<th>Tare</th>
<th>Net</th>
<th>Tons</th>
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<tr>
<td>In</td>
<td>09/06/2011 09:36:29</td>
<td>Scale1</td>
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<tr>
<td>Out</td>
<td>09/06/2011 09:36:29</td>
<td>ba</td>
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</table>

Remarks: 6:100 AM-4:45 PM (M-F) 6:100 AM-12:00 PM (SAT)

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<th>tax</th>
<th>Amount</th>
<th>Origin</th>
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<tbody>
<tr>
<td>1 C-N-D-Ind-Constr 100</td>
<td>12.55</td>
<td>Tons</td>
<td>65.17</td>
<td></td>
<td></td>
<td>$817.89</td>
<td>Kern</td>
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<tr>
<td>2 EWF-L-Standard Env 100</td>
<td>1 Load</td>
<td></td>
<td>14.00</td>
<td></td>
<td></td>
<td>$14.00</td>
<td>Kern</td>
</tr>
<tr>
<td>3 FUEL-Fuel Surcharg 100</td>
<td>%</td>
<td></td>
<td>8.95</td>
<td></td>
<td></td>
<td>$57.82</td>
<td>Kern</td>
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</table>

Total Tax
Total Ticket $884.70

Driver's Signature
403WM
Customer Name: Midwest Environmental Control
Carrier: Public Hauler Self

Ticket Date: 09/06/2011
Payment Type: Credit
Account: Carrier
Manual Ticket #: Driver
Hauling Ticket #: Check
Route: Billing #: 0000042
State Waste Code: Gen EPA ID
Manifest: Grid

Time
In 09/06/2011 12:30:50 Scale  CB
Out 09/06/2011 12:30:50 CB

Product | LD% | City | UQM | Rate | Tax | Amount | Origin |
--- | --- | --- | --- | --- | --- | --- | --- |
1 | C-W-D-Ind-Construck 100 | 15.68 | Tons | $65.17 | $1021.87 | Kern |
2 | FUEL-Fuel Surcharge 100 | % | $6.95 | $71.99 | Kern |
3 | EVF-L-Standard Env 100 | 1 | Load | $14.06 | $14.06 | Kern |

Total Tax: $107.86
Total Ticket: $107.86

Driver's Signature: [Signature]
Customer Name: NEC Inc.
Ticket Date: 09/01/2011
Payment Type: Credit Account
Manual Ticket #: 
Nailing Ticket #: 
Route: 
State Waste Code: 
Manifest: 
Destination: 
PD: 
Profile: 
Generator: 

<table>
<thead>
<tr>
<th>Time</th>
<th>Scale</th>
<th>Operator</th>
<th>Inbound Gross</th>
<th>Tare</th>
<th>Net</th>
<th>Tons</th>
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</thead>
<tbody>
<tr>
<td>In</td>
<td>09/01/2011 15:42:33</td>
<td>Scale2</td>
<td>NP</td>
<td>70740 lb</td>
<td>44500 lb</td>
<td>26240 lb</td>
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<tr>
<td>Out</td>
<td>09/01/2011 15:42:33</td>
<td>NP</td>
<td></td>
<td></td>
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Product | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
<table>
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<tbody>
<tr>
<td>1</td>
<td>O-M-D-Ind-Construc 100</td>
<td>13.22</td>
<td>Tons</td>
<td>65.17</td>
<td></td>
<td>$861.55</td>
<td>Kern</td>
</tr>
<tr>
<td>2</td>
<td>FUEL-Fuel Surcharg 100</td>
<td>%</td>
<td></td>
<td>5.95</td>
<td></td>
<td>$60.24</td>
<td>Kern</td>
</tr>
<tr>
<td>3</td>
<td>EVL-Env Fee Eq. - 100</td>
<td>1 Load</td>
<td>6.00</td>
<td></td>
<td></td>
<td>$6.00</td>
<td>Kern</td>
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</table>

Total Tax
Total Ticket $1927.84
Customer Name: NEC NEC, Inc.
Ticket Date: 09/01/2011
Payment Type: Credit Account
Manual Tickets:
Hauling Tickets:
Route:
State Waste Code:
Manifest:
Destination:
W20:
Profile:
Generator:

Time        Scale        Operator       Unknown       Gross
In 09/01/2011 09:39:36  Scale1        IRP          77300        15
Out 09/01/2011 10:32:57  Scale2        IRP          32700        16.35

Contents:

Source: 6100 68-4143 PK (W-H) 6100 68-12-00 PK (GSH)

<table>
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<th>LDA</th>
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<th>Rate</th>
<th>Tax</th>
<th>Amount</th>
<th>Origin</th>
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<tbody>
<tr>
<td>1</td>
<td>100</td>
<td>15.33</td>
<td>Tons</td>
<td>39.17</td>
<td>34.72</td>
<td>$1080.53</td>
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<tr>
<td>2</td>
<td>100</td>
<td>6.98</td>
<td>%</td>
<td>9.28</td>
<td>12.97</td>
<td>$74.97</td>
<td>Kern</td>
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<tr>
<td>3</td>
<td>100</td>
<td>6.09</td>
<td>1 Local</td>
<td>4.00</td>
<td>4.09</td>
<td>$6.09</td>
<td>Kern</td>
</tr>
</tbody>
</table>

Total Tax
Total Ticket $1164.00

Driver's Signature
403WM
Customer Name: NEC NEC, Inc.
Ticket Date: 09/01/2011
Payment Type: Credit Account
Manual Ticket:
Hauling Ticket:
Name:
State Waste Code:
Manifest:
Destination:
Profile:
Generator:

Carrier: Public Hauler self
Vehicle #: 9816264
Volume:
Container:
Driver:
Check:
Billing to: 06003491
Gen. EPA ID:

Time Scale Operator Inbound Gross 70600 lb*
In: 09/01/2011 12:29:03 Scale 1 ha Tare 44560 lb
Out: 09/01/2011 12:41:51 Scale 3 ha Net 26100 lb
* Manual Weight Tons 13.05

Hours: 6:00 AM-4:45 PM (M-F) 6:00 AM-12:00 PM (SAT)

Product LB% Duty UOM Rate Tax Amount Origin
1 C-N-I-Ind-Construct 100 13.05 Yards 65.17 $850.47 Kern
2 EVF-L-Standard Env 100 1 Load 14.00 $14.00 Kern
3 FUEL-Fuel Surcharg 100 % 4.85 $60.08 Kern

Total for $294.05
Total Ticket $294.05

Driver's Signature
403WM
Customer Name: NEC NEC, Inc.
Ticket Date: 09/01/2011
Payment Type: Credit
Manual Ticket
Hauling Ticket
Rute
State Waste Code
Manifent
Destination
PD
Profile
Generator

<table>
<thead>
<tr>
<th>Time</th>
<th>Scale 1</th>
<th>Operator</th>
<th>Inbound</th>
<th>Gross</th>
</tr>
</thead>
<tbody>
<tr>
<td>In 09/01/2011 06:20:26</td>
<td>Scale1</td>
<td>60</td>
<td>Tare</td>
<td>44,900</td>
</tr>
<tr>
<td>Out 09/01/2011 07:01:47</td>
<td>Scale2</td>
<td>60</td>
<td>Net</td>
<td>23,400</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Tons</td>
<td>11.70</td>
</tr>
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</table>

Route: 6:00 AM-4:14 PM M-F 6:00 AM-12:00 PM SAT

<table>
<thead>
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<th>Qty</th>
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<th>Rate</th>
<th>Tax</th>
<th>Amount</th>
<th>Origin</th>
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</thead>
<tbody>
<tr>
<td>1 6-M-D-Ind-Construc 100</td>
<td>11.70</td>
<td>Tons</td>
<td>1</td>
<td>23.77</td>
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<td>Kern</td>
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<tr>
<td>2 ELF-1-Standard Env 100</td>
<td>1</td>
<td>Load</td>
<td>1</td>
<td>14.00</td>
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<td>$14.00</td>
<td>Kern</td>
</tr>
<tr>
<td>3 FUEL-Fuel Surcharge 100</td>
<td></td>
<td>%</td>
<td>1</td>
<td>6.95</td>
<td></td>
<td>$53.57</td>
<td>Kern</td>
</tr>
</tbody>
</table>

Total Tax: $136.46
Total Ticket: $836.46

Driver's Signature: [Signature]
403WM
Customer Name: MEC MEC, Inc.
Ticket Date: 08/31/2011
Payment Type: Credit Account
Manual Ticket:
Hauling Ticket:
Route:
State Waste Code:
Manifest:
Destination:
PO:
Profile:
Generator:

<table>
<thead>
<tr>
<th>Time</th>
<th>Scale</th>
<th>Operator</th>
<th>Inbound</th>
<th>Gross</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>In 08/31/2011 09:31:37</td>
<td>Scale1</td>
<td>ba</td>
<td>Tare</td>
<td>44630 lb</td>
<td></td>
</tr>
<tr>
<td>Out 08/31/2011 09:53:06</td>
<td>Scale2</td>
<td>NF</td>
<td>Net</td>
<td>20160 lb</td>
<td></td>
</tr>
</tbody>
</table>

Total Weight: 64800 lb

Product | LD% | Qty | UOM | Rate | Tax | Amount |
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>1</td>
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<td>14.08</td>
<td>Tons</td>
<td>65.17</td>
<td></td>
<td>$917.39 Kern</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>1 Load</td>
<td></td>
<td>10.00</td>
<td></td>
<td>$10.00 Kern</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>%</td>
<td></td>
<td>6.95</td>
<td></td>
<td>$64.47 Kern</td>
</tr>
</tbody>
</table>

Total Tax:
Total Ticket: $992.63

Driver's Signature: [Signature]

Hours: 6:00 AM-4:30 PM (M-F) 6:00 AM-12:00 PM (SAT)
Customer Name: NE&N Midway, Inc.
Ticket Date: 06/31/2011
Payment Type: Credit
Manual Ticket #: 
Hauling Ticket #: 
Route: 
State Waste Code: 
Manifest: 
Destination: Grid
Profile: 
Generator: 

Time | Scale | Operator | Inbound | Gross | Tare | Net | Tons |
--- | --- | --- | --- | --- | --- | --- | --- |
In: 06/31/2011 12:33:58 | Scale1 | ha | | 71330 lb | 44400 lb | | 27000 lb | 13.71
Out: 06/31/2011 12:44:19 | Scale2 | ha | | |

Comments:

Hours: 6:00 AM - 4:45 PM (Mon - Fri) 6:00 AM - 12:00 PM (Sat)

<table>
<thead>
<tr>
<th>Product</th>
<th>ID#</th>
<th>Qty</th>
<th>UOM</th>
<th>Rate</th>
<th>Tax</th>
<th>Amount</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>C-N-D-Ind-Construc 100</td>
<td>18.71</td>
<td>Tons</td>
<td>$5.17</td>
<td></td>
<td>$93.48</td>
<td>Kern</td>
</tr>
<tr>
<td>2</td>
<td>RVF-L-Standard Env 100</td>
<td>1</td>
<td>Load</td>
<td>10.00</td>
<td></td>
<td>$10.00</td>
<td>Kern</td>
</tr>
<tr>
<td>3</td>
<td>FUEL-Fuel Burnharg 100</td>
<td></td>
<td></td>
<td>6.95</td>
<td></td>
<td>$62.79</td>
<td>Kern</td>
</tr>
</tbody>
</table>

Total Tax: $9.00
Total Ticket: $94.48

Driver's Signature: [Signature]

402WM
Lancaster Landfill Recyc
35 East Avenue E
Lancaster, CA 93535
Ph: 661-726-9468

Customer Name: MCC MCO, Inc.
Ticket Date: 08/31/2011
Payment Type: Credit Account
Manual Ticket:
Hauling Ticket:
Route:
State Waste Code:
Manifest:
Destination:

Profile:
Generator:

Time In: 08/31/2011 15:16:07
Time Out: 08/31/2011 15:38:31

Scale:
Scale:

Operator: NP
Operator: NP

Inbound:
Gross: 64000 lb
Tare: 44300 lb
Net: 19700 lb
Tons: 9.86

Comments:

Hours: 6:00 AM - 4:45 PM (M-F) 6:00 AM - 12:00 PM (SAT)

<table>
<thead>
<tr>
<th>Product</th>
<th>ID%</th>
<th>Qty</th>
<th>UGM</th>
<th>Rate</th>
<th>Tax</th>
<th>Account</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>9.86</td>
<td>Yane</td>
<td>65.17</td>
<td></td>
<td>$542.58</td>
<td>Kern</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>%</td>
<td></td>
<td>6.75</td>
<td></td>
<td>$45.06</td>
<td>Kern</td>
</tr>
<tr>
<td>3</td>
<td>100</td>
<td>1</td>
<td>Load</td>
<td>6.00</td>
<td></td>
<td>$6.00</td>
<td>Kern</td>
</tr>
</tbody>
</table>

Total Yaw:
Total Ticket: $873.65

Driver's Signature:

CML. WEB

35 East Avenue E
Customer Name: MEC MEC, Inc.
Ticket Date: 08/30/2011
Payment Type: Credit
Manual Ticket:
Hauling Tickets:
Route:
State Waste Code:
Manifest:
Destination:
SO:
Profile:
Generator:

Time | Scale | Operator | Inbound | Bragg | 25250 lb
--- | --- | --- | --- | --- | ---
In 08/30/2011 10:33:40 Scale1 ba | 44400 lb | 41350 lb | 20.62
Out 08/30/2011 10:55:23 Scale2 ba |

Comments:

Hours: 6:00 AM-4:45 PM (M-F) 6:00 AM-12:00 PM (SAT)

<table>
<thead>
<tr>
<th>Product</th>
<th>LD%</th>
<th>City</th>
<th>UOM</th>
<th>Rate</th>
<th>Tax</th>
<th>Amount</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 C-N-D-Ind Constr 100</td>
<td>20.58</td>
<td>Tons</td>
<td>85.17</td>
<td>$1343.51</td>
<td>Kern</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 EVF-L-Standard Env 100</td>
<td>10.00</td>
<td>Load</td>
<td>10.00</td>
<td>$10.00</td>
<td>Kern</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 FUEL-Fuel Surcharg 100</td>
<td>6.93</td>
<td>%</td>
<td>94.09</td>
<td>Kern</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Tax
Total Ticket $1447.90

Driver's Signature: [Signature]

Job # 354272
Customer Name: NEC NEC, Inc.
Ticket Date: 08/30/2011
Payment Type: Credit
Manual Ticket#: 7
Hauling Ticket#: 00000599
Route:
State Waste Code:
Manifest:
Destination:
PO:
Profile:
Generator:

Time
In: 08/30/2011 13:40:19
Out: 08/30/2011 13:52:01

Scale 1: tss
Scale 2: NP

Operator:
Inbound:
Gross: 78440 lb
Tare: 44460 lb
Net: 33980 lb
Tons: 14.97

Comments:

Hours: 6:00 AM-4:45 PM (M-F) 6:00 AM-12:00 PM (SAT)

<table>
<thead>
<tr>
<th>Product</th>
<th>LB</th>
<th>Dly</th>
<th>UDM</th>
<th>Rate</th>
<th>Tax</th>
<th>Amount</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>G-N-D Ind Constr 100</td>
<td>16.99 Tons</td>
<td>65.17</td>
<td>$107.24</td>
<td>Kern</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EF-L Standard Env 100</td>
<td>1 Load</td>
<td>10.00</td>
<td>$10.00</td>
<td>Kern</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FUEL: Fuel Surcharge 100</td>
<td>k</td>
<td>6.95</td>
<td>$77.63</td>
<td>Kern</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Tax: $1194.89
Total Ticket: $54826
Customer Name: NEC MEC, Inc.
Ticket Date: 08/30/2011
Payment Type: Credit Account
Manual Ticket:
Hauling Ticket:
Route:
State Waste Code:
Manifest:
Destination:
P
c
Profile:
Generator:

<table>
<thead>
<tr>
<th>Time</th>
<th>Scale</th>
<th>Operator</th>
<th>Inbound</th>
<th>Gross</th>
<th>LB</th>
</tr>
</thead>
<tbody>
<tr>
<td>In 08/30/2011 16:24:13</td>
<td>Scale1</td>
<td>NF</td>
<td>1 ear</td>
<td></td>
<td>46300 lb</td>
</tr>
<tr>
<td>Out 08/30/2011 16:40:154</td>
<td>Scale2</td>
<td>NP</td>
<td>Net</td>
<td></td>
<td>35600 lb</td>
</tr>
</tbody>
</table>

*Manual Weight

Tons: 17.5

Hours: 6:00 AM - 4:45 PM (Su-F) 6:00 AM - 12:00 PM (Sat)

<table>
<thead>
<tr>
<th>Product</th>
<th>UOM</th>
<th>UOM</th>
<th>Rate</th>
<th>Tax</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>C-N-B-Ind-Construct</td>
<td>100</td>
<td>17.50 Tons</td>
<td>65.17</td>
<td>$1140.48 Kern</td>
</tr>
<tr>
<td>2</td>
<td>FUEL - Fuel Surcharge</td>
<td>100</td>
<td>%</td>
<td>6.75</td>
<td>$79.00 Kern</td>
</tr>
<tr>
<td>3</td>
<td>BUL-Enz Fee Eq. -</td>
<td>100</td>
<td>1 Load</td>
<td>5.00</td>
<td>$5.00 Kern</td>
</tr>
</tbody>
</table>

Total Ticket: $1226.14

Driver's Signature

403WM
Customer Name: NEC NEC, Inc.  
Carrier: Public Hauler Self  
Ticket Date: 08/30/2011  
Payment Type:  
Routing #:  
Hauling #:  
Container:  
Driver:  
Check #:  
Billing #: 0000598  
Gen EPA ID:  
Profile: ()  
Generator:  

<table>
<thead>
<tr>
<th>Line</th>
<th>Scale</th>
<th>Operator</th>
<th>Inbound</th>
<th>Gross</th>
<th>Tare</th>
<th>Net</th>
<th>Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>In</td>
<td>08/30/2011 07:27:42</td>
<td>Scale1</td>
<td>ha</td>
<td></td>
<td>58850 lb</td>
<td>44720 lb</td>
<td>23840 lb</td>
</tr>
<tr>
<td>Out</td>
<td>08/30/2011 07:46:25</td>
<td>Scale2</td>
<td>la</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Comments:  

Hours: 6:00 AM-4:45 PM (M-F) 6:00 AM-12:00 PM (SAT)  

<table>
<thead>
<tr>
<th>Product</th>
<th>L&amp;O</th>
<th>Qty</th>
<th>VOM</th>
<th>Rate</th>
<th>Tax</th>
<th>Amount</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-N-D-Ind-Construction</td>
<td>100</td>
<td>11.77</td>
<td>Tons</td>
<td>65.17</td>
<td></td>
<td>4767.05</td>
<td>Kern</td>
</tr>
<tr>
<td>EVF-L-Standard Env</td>
<td>100</td>
<td>1</td>
<td>Load</td>
<td>10.00</td>
<td></td>
<td>10.00</td>
<td>Kern</td>
</tr>
<tr>
<td>FUEL-Fuel Surcharge</td>
<td>100</td>
<td>%</td>
<td></td>
<td>5.95</td>
<td></td>
<td>554.00</td>
<td>Kern</td>
</tr>
</tbody>
</table>

Driver's Signature:  
400WM
Customer Name: NEC NEC, Inc.
Ticket Date: 06/29/2011
Payment Type: Credit Account
Terminal Ticket:
Route:
State Waste Code:
Manifest:
Destination:
Profile:
Generator:

Time | Scale1 | Operator | Inbound Gross | $5500 lb
Out 06/29/2011 11:11:38 | NP | $5940 lb
Scale2 | XP | $21260 lb

Comments:

Hours: 6:00 AM-4:45 PM (M-F) 8:00 AM-12:00 PM (SAT)

Product | LD% | Dry | VUM | Rate | Tax | Amount | Origin
---------|------|-----|-----|------|-----|--------|-------
38129-TMR-NEW-Tran 100 | 10.42 | Tons | 54.52 | $551.91 | Mojave

Original
Ticket #: 054075

Carrier: Public Hauler Self
Vehicle #: 14
Volume:
Container:
Driver:
Checks:
Billing #: 0000038
Gen EPA ID:
Grid:

Total Tax:
Total Ticket: $551.91

Owner's Signature:

403WM
Customer Name: MEC MEC, Inc.
Ticket Date: 08/29/2011
Payment Type: Credit Account
Manual Ticket#:
Container:
Driver:
Check#: 05006598
Gen EPA ID:
Route:
State Waste Code:
Manifold:
Destination:
Grid:

<table>
<thead>
<tr>
<th>Time</th>
<th>Scale</th>
<th>Operator</th>
<th>Inbound</th>
<th>Gross</th>
<th>Hours: 6:00 AM-4:45 PM (M-F) 6:00 AM-12:00 PM (SAT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>In</td>
<td>Scale1</td>
<td>ba</td>
<td>Fare</td>
<td>61240</td>
<td></td>
</tr>
<tr>
<td>Out</td>
<td>Scale2</td>
<td>ba</td>
<td>Net</td>
<td>16940</td>
<td></td>
</tr>
</tbody>
</table>

Comments:

Product | LD% | Guy | VDM | Rate | Tax | Amount | Origin |
--------|-----|-----|-----|------|-----|--------|--------|
1       | C-N-D-Ind-Construct | 50   | 8.47 Tons | 65.17 | $551.99 | Kern   |
2       | EVF-L-Standard Env | 1 Load | 10.00 | $10.00 | Kern |
ATTACHMENT F
Representative Site Photographs
1. View of workers gather trash and debris from the site.

2. View of workers removing debris from the site.

3. View of workers preparing building for asbestos abatement.

4. View of room with engineering controls for asbestos abatement.

5. View showing windows sealed off in preparation for asbestos abatement.

1. View of building being demolished.

2. View of partially demolished building.


4. View of site during demolition activities.

5. View of septic system removal.

6. View showing that the building removal has been completed.
ATTACHMENT G
KCEHD UST Closure Letter
November 07, 2011

Mr. Brandon Stankiewicz  
Beacon Solar, LLC  
700 Universe Blvd.  
Juno Beach,  
FL, 33408

SUBJECT: CLOSURE OF TWO UNDERGROUND STORAGE TANKS (ONE 2,000 GALLON GASOLINE AND ONE 5,000 GALLON DIESEL TANK) LOCATED AT 29954 HIGHWAY 14, MOJAVE, CA 93501

Dear Mr. Brandon Stankiewicz,

Kern County Environmental Health Services Department has reviewed the project underground storage tank removal report for the removal and closure of two underground storage tanks. These tanks were located at Beacon Solar Fremont Valley Ranch within the northwestern Mojave Desert Geomorphic Province, approximately 20 miles north of the town of Mojave in Kern County, California. The two steel underground storage tanks removed were identified as one 2,000 gallon gasoline and one 5,000 gallon diesel tank. The tanks were in fair condition when they were removed. No hydrocarbon staining or petroleum odors were observed in the soil below the tanks at the time of tanks removal. Additionally, soil samples were collected a third of the way in from both ends of the removed tanks at depths of 2 feet and 6 feet below the bottom of the former tanks. Soil samples were analyzed by BC Labs in Bakersfield for BTEX, Diesel, and Gasoline Range Organics (C4-C12). Based upon the soil sample results submitted, this Department is satisfied that the site assessment is complete. No further action is indicated at this time, based on current requirements and policies.

It is important to note that this letter does not relieve you of further responsibilities mandated under the California Health and Safety Code and California Water Code if additional or previously unidentified contamination at the subject site causes or threatens to cause pollution or nuisance or is found to pose a significant threat to public health. Changes in the present or proposed land use may require further assessment and mitigation of potential public health impacts. Please call me at (661) 862-8720 if you have any questions or comments.

Sincerely,

[Signature]

Charlie Bauer, P.G., R.E.H.S.  
Unified Hazardous Materials/Waste Program

Cc: Jim Fickerson, REA