

# PHASE I ENVIRONMENTAL SITE ASSESSMENT

## MARATHON SOLAR SITE

## SAN BERNARDINO COUNTY, CALIFORNIA

*Submitted by the Project Applicant:*

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**EXECUTIVE SUMMARY**

This report presents the results of a Phase I Environmental Site Assessment (ESA) conducted by URS Corporation (URS) of the WDG CP Marathon Solar Site, an approximately 152-acre property located in an unincorporated area of San Bernardino County, California (property). The purpose of the Phase I ESA was to gather information concerning the property and surrounding areas in order to identify conditions indicative of releases or threatened releases of hazardous substances, pollutants, contaminants, petroleum or petroleum products, and controlled substances in order to identify and evaluate Recognized Environmental Conditions (RECs) affecting the property. This Phase I ESA was accomplished by, and limited to, a site reconnaissance, a site vicinity perimeter survey, and review of agency databases and other reasonably ascertainable records regarding past and current land use for indications of the manufacture, generation, use, storage and/or disposal of hazardous substances at the property.

The Scope of Services performed was in accordance with the Agreement for Consulting and Professional Services dated September 29, 2009, and Work Order Authorization No. 12 between WDG Capital Partners and URS Corporation. The format and content of this Phase I ESA are in general accordance with the American Society of Testing Materials (ASTM) Standard Practice for *Environmental Site Assessments: Phase I Site Assessment Process E 1527-05* (ASTM 2005) and the U.S. Environmental Protection Agency All Appropriate Inquiries *Standards and Practices for All Appropriate Inquiries – Final Rule: [40 CFR Part 312]*, approved November 1, 2005.

At the time of the site reconnaissance, the property was observed to be approximately 152 acres of undeveloped land. The property consists of two parcels of land, Assessor Parcel Numbers (APNs) 0449-172-75, and 0449-631-02, located north of the intersection of State Route 18 and Camp Rock Road in Section 27, Township 4 North, Range 01 East, in an unincorporated area of San Bernardino County. The property is bounded by Camp Rock Road to the east, a wastewater reclamation facility to the northeast, and undeveloped land in all other directions.

Historical data indicate that the property has remained generally undeveloped. An illegal squatter ranch complex exists near the western boundary of the property, consisting of an abandoned residential structure, a storage structure, a barn, an abandoned car, and several animal pen structures. The interior of the abandoned residential structure and storage structure contained household furniture and supplies. The barn was locked and no interior reconnaissance was performed, however, the property owner reported that the barn contained several horse saddles, horse grooming supplies, and several hand tools.

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The illegal squatter ranch complex appears to have utilized no permanent utility services, but several electrical generators, fuel containers, one aboveground water tank, several drums, dry storage containers, batteries, and equipment were located within the complex.

Several items appear to have been dumped along the northeast corner of the property consisting of a couch, mattress, wire spools, concrete debris, and wood.

The property was not identified on the databases searched by Environmental Data Resources, Inc. (EDR). One facility in the site vicinity was identified on the FUDS database searched by EDR. Based on the regulatory status of the facility, it is not expected to impact the property (see Section 4.1, Database List Search for additional information).

Based on the ESA results described herein, the following conclusions are made.

### **ES.1 ON-SITE RECOGNIZED ENVIRONMENTAL CONDITIONS**

Based on URS' site reconnaissance and review of historical information, RECs from on-site sources were not identified.

### **ES.2 OFF-SITE RECOGNIZED ENVIRONMENTAL CONDITIONS**

Based on URS' review of historical information and the environmental database search, RECs from off-site sources having the potential to affect the property were not identified.

This Executive Summary is not intended to be a "stand-alone" document, but a summary of findings as described in the Phase I ESA report. Its use is intended to be in conjunction with the findings and limitations described therein.

**SECTION 1.0  
INTRODUCTION**

Presented in this report are the results of the Phase I Environmental Site Assessment (ESA) conducted by URS Corporation (URS) of the WDG CP Marathon Solar Site an approximately 152-acre property located in an unincorporated area of San Bernardino County, California (property).

This assessment was accomplished by, and limited to, a reconnaissance of the site, a perimeter survey of the site vicinity, and review of agency databases and other reasonably ascertainable information regarding past and current land use for indications of the manufacture, generation, use, storage, and/or disposal of hazardous substances at the property.

**1.1 AMERICAN SOCIETY OF TESTING MATERIALS STANDARD AND ALL APPROPRIATE INQUIRY**

The format and content of this Phase I ESA are in general accordance with the American Society of Testing Materials (ASTM) Standard Practice for *Environmental Site Assessments: Phase I Site Assessment Process E 1527-05* (ASTM 2005) and the U.S. Environmental Protection Agency (USEPA) All Appropriate Inquiries (AAI) *Standards and Practices for All Appropriate Inquiries – Final Rule: [40 CFR Part 312]*, approved November 1, 2005.

**1.1.1 All Appropriate Inquiry Standards**

The USEPA Rule on AAI was developed to establish landowner liability protections to property owners under the Comprehensive Environmental Response, Compensation, and Liability Act as innocent landowners, bona-fide prospective purchasers, and/or contiguous property owners. The AAI Rule expands the records review requirements by increasing the search distances beyond the recently superseded ASTM Standard E 1527-05, incorporating mandatory searches for engineering and institutional controls, and mandatory review of local government and tribal records. The records review also requires a search of reasonably ascertainable land title and lien records to identify environmental liens or activity and use limitations, if any, which are recorded against the property. The historical sources review requires that a search of the property go as far back in history as it can be shown that the property contained structures or was first used for residential, agricultural, commercial, industrial, or governmental purposes. Data gaps for the property should be identified and their significance reported. The AAI Rule also requires taking into account commonly known or reasonably ascertainable information within a local community. AAI requires that inquiries be conducted by an environmental professional as specifically defined within the Rule.

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### **1.1.2 American Society of Testing Materials Standard**

The ASTM Standard was approved November 18, 2005, and was established and updated to reflect industry requirements brought about by AAI.

The goal of the ASTM Standard is to identify Recognized Environmental Conditions (REC) (see Section 5.0 of this Phase I ESA). Under the ASTM Standard, “recognized environmental condition” is defined as the presence, or likely presence, of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. RECs include hazardous substances or petroleum products even under conditions in compliance with laws. RECs are not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions.

### **1.2 PURPOSE**

The purpose of the Phase I ESA is to gather information concerning the property and surrounding areas in order to identify conditions indicative of releases or threatened releases of hazardous substances, pollutants and contaminants, petroleum or petroleum products, and controlled substances.

### **1.3 SCOPE OF SERVICES**

The Scope of Services performed was in accordance with the Agreement for Consulting and Professional Services dated September 29, 2009, and Work Order Authorization No. 12 between WDG Capital Partners and URS Corporation. The format and content of this Phase I ESA are in general accordance with the ASTM Standard and the USEPA AAI.

The site reconnaissance included a driving and walking tour of the property and a perimeter survey of surrounding and accessible adjacent properties. To meet the objective of this Phase I ESA, URS completed the following tasks:

- Performed a reconnaissance survey of the property to make visual observations of existing site conditions and activities, and a perimeter survey of the area within 0.5 mile of the property (as practical) to observe types of general land use. Photographs of the property are provided in Appendix A.
- Reviewed and interpreted archival topographic maps of the property and the area within 0.5 mile of the property for information regarding historical land use potentially involving the manufacture, generation, use, storage and/or disposal of hazardous

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substances. Environmental Data Resources (EDR) historical topographic maps are included in Appendix B.

- Reviewed and interpreted available historical aerial photographs of the property and vicinity for evidence of previous site activities and development that would suggest the potential presence of hazardous substances at the property. A copy of the EDR Aerial Package is included in Appendix C.
- Reviewed pertinent, available documents and maps regarding local physiographic and hydrogeologic conditions in the property vicinity.
- Reviewed the federal, state, and local database list search provided by EDR of known or potential hazardous waste sites or landfills, and sites currently under investigation for environmental violations. The agency lists and area search results are provided in Appendix D.
- Conducted an environmental lien search through EDR databases to determine potential environmental liens or other activity and use limitations associated with the property. The EDR environmental lien search report is provided in Appendix E.
- Conducted inquiries in person, by telephone, or in writing to the appropriate regulatory agencies for information regarding environmental permits, violations or incidents, and/or the status of enforcement actions at the property.
- Conducted an interview with Mr. Gary Kayln, owner of the property, to obtain specialized knowledge of site conditions. Mr. Kayln provided answers to the AAI User Questionnaires. Copies of the AAI User Questionnaires are included as Appendix F.
- Prepared this report describing the research performed and presenting URS' findings and professional opinions regarding the potential for adverse environmental impacts to the property.

### **1.4 USER RELIANCE**

This report was prepared for use by WDG CP, and shall not be relied upon by or transferred to any other party, or used for any other purpose, without the express written authorization of URS.

### **1.5 LIMITATIONS AND EXCEPTIONS**

This report and the associated work were provided in accordance with the principles and practices generally employed by the local environmental consulting profession. This is in lieu of all warranties, expressed or implied.

Discussions of the ASTM Standard or AAI data gaps, if any, including sources reviewed, the significance of each data gap, and an opinion if the data gap inhibits the environmental

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professional's ability to reach an opinion about contamination at the property, are incorporated into the appropriate sections of the report.

It should be recognized that this Phase I ESA was not intended to be a definitive investigation of potential contamination at the property and the recommendations provided are not necessarily inclusive of all the possible conditions. This Phase I ESA is not a regulatory compliance audit or an evaluation of the efficiency of the use of any hazardous materials at the property. Soil and/or groundwater sampling was not undertaken as part of this investigation. Sampling for asbestos, radon, lead-based paint, and lead in drinking water was also not performed as part of this Phase I ESA. Given that the Scope of Services for this investigation was limited, it is possible that unobserved contamination might exist.

The conclusions presented are professional opinions based solely upon indicated data described in this report, visual site and vicinity observations, and the interpretation of the available historical information and documents reviewed, as described in this report. Unless URS has actual knowledge to the contrary, information obtained from interviews or provided to URS by the client was assumed to be correct and complete. URS does not assume any liability for information that was misrepresented to URS by others or for items not visible, accessible or present on the property during the time of the site reconnaissance. The conclusions are intended exclusively for the purpose outlined herein and the site location and project indicated. The executed Scope of Services may not be appropriate to satisfy the needs of other users, and any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user.

Opinions and recommendations presented herein apply to the site conditions existing at the time of this assessment and cannot necessarily apply to site changes of which URS is not aware and has not had the opportunity to evaluate. Changes in the conditions of this property may occur with time due to natural processes or the works of man on the property or adjacent properties. Changes in applicable standards may also occur as a result of legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond URS' control. Opinions and judgments expressed herein are based on URS' understanding and interpretation of current regulatory standards, and should not be construed as legal opinions.

**SECTION 2.0  
SITE DESCRIPTION**

**2.1 LOCATION**

The property is located north of the intersection of State Route 18 and Camp Rock Road in an unincorporated area of San Bernardino County. The property consists of Assessor Parcel Numbers [APNs] 0449-172-75, and 0449-631-02, located in Section 27, Township 4 North, Range 01 East, within the San Bernardino Base and Meridian (U.S. Geological Survey [USGS] Cougar Buttes 7.5-minute quadrangle). The property is bounded by Camp Rock Road to east, and undeveloped land in all other directions.

A topographic map and an aerial photograph of the Project Area are included as Figures 1 and 2, respectively.

**2.2 INTERVIEWS AND SPECIALIZED USER KNOWLEDGE**

Mr. Anthony Schuetze conducted an interview with Mr. Gary Kayln owner of the property using the *User Questionnaire*, per AAI standards. Mr. Kayln, to his knowledge, there are no known environmental concerns associated with the property. Mr. Kayln provided information regarding the history and current conditions of the property. Mr. Kayln indicated that the property has historically been, and currently consists of undeveloped land, with the exception of an illegal squatter ranch on the western boundary of the property. It is not known how long this illegal squatter ranch existed at the site, but the owner speculates several years and that it has been abandoned for several months. A copy of the *User Questionnaires* is included as Appendix F.

**2.3 SITE RECONNAISSANCE**

On October 3, 2011, Mr. Anthony Schuetze of URS conducted an unescorted reconnaissance of the property. The reconnaissance consisted of the observation and documentation of existing site conditions and the nature of the neighboring property development within approximately 0.5 mile of the property. Photographs taken during the site reconnaissance are provided in Appendix A.

**2.3.1 Site Conditions**

The property was observed to be generally undeveloped land, vegetated with shrubs and grass. An illegal squatter ranch complex exists near the western boundary of the property, consisting of an abandoned residential structure, a storage structure, a barn, an abandoned car, and several apparent animal pen structures. The interior of the abandoned residential structure and storage structure contained household furniture and supplies. The barn was locked and no interior reconnaissance was performed, however, the property owner reported

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that the barn contained several horse saddles, horse grooming supplies, and several hand tools.

The illegal squatter ranch complex appears to have utilized no permanent utility services, but several electrical generators, fuel containers, one aboveground water tank, several drums, dry storage containers, batteries, and equipment were located within the complex.

Several items appear to have been dumped along the northeast corner of the property consisting of a couch, mattress, wire spools, concrete debris, and wood.

A gas line exists along the eastern edge of the property. Signs warning of the Pacific Gas and Electric buried gas line were observed at the surface west of Camp Rock Road.

The property was accessed by vehicle from Camp Rock Road.

### **2.3.2 Hazardous Substances**

Various hazardous substances were observed within the former ranch complex near the western boundary of the property, consisting of several electrical generators, fuel containers, several drums, dry storage containers, batteries, and fuel heaters (see Sections 2.3.3 and 2.3.6 for more information).

### **2.3.3 Storage Tanks**

One aboveground storage tank (AST) was observed within the former ranch complex on the southeast side of the barn. The steel, welded AST was empty and appeared to have been used to hold water. No soil staining or unusual odors were observed associated with the AST.

Evidence of underground storage tanks was not observed on the property nor were they reported to exist.

### **2.3.4 Polychlorinated Biphenyls and Mercury**

Electrical transformers, hydraulic equipment, capacitors, and similar equipment may contain polychlorinated biphenyls (PCBs) as operating or dielectric insulating fluids within the units. The Federal Toxic Substances Control Act generally prohibited the domestic manufacture of PCBs after 1976; therefore, there is a potential for the dielectric fluid in electrical and hydraulic equipment manufactured prior to that date to contain PCBs.

Electric transmission lines were not observed on the property. Transformers were not observed on the property. Other equipment, such as capacitors, that may contain PCBs, was not observed on the property.

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Mercury was used in the mining industry to separate precious metals from crushed ore. In addition, mercury is used in analog timers and data loggers that are common in oil field production and other industrial operations. Based on the site reconnaissance, conditions for the use of mercury were not evident.

### **2.3.5 Waste Disposal**

Waste disposal locations were evident during the site reconnaissance, consisting of trash piles within the former ranch complex and northeast corner of the property. Dry storage containers also contained household materials and construction material, including pieces of drywall.

### **2.3.6 Drums and Other Chemical Containers**

Several 5-gallon plastic fuel containers, 5-gallon propane bottles, oxygen bottles, aerosol and paint cans, and one drum were observed on the property during the site reconnaissance within the former ranch complex. Most containers appeared empty, with the exception of the one drum which contained approximately 15 gallons of liquid with slight odor. No soil staining or unusual odors were observed associated with these containers. The property owner reported this was used by the illegal squatter and appeared to contain water.

### **2.3.7 Dumping**

Evidence of dumping was observed in the northeast corner of the property during the site reconnaissance. These items consisted of a couch, a mattress, wire spools, concrete and brick debris, and wood.

### **2.3.8 Pits, Ponds, Lagoons, Septic Systems, Cisterns, Sumps, Drains, and Clarifiers**

No evidence of pits, ponds, lagoons, cisterns, sumps, drains, septic systems and/or clarifiers was observed at the property during the site reconnaissance.

Several natural drainage channels bisect the site.

### **2.3.9 Pesticide Use**

URS reviewed the California Department of Pesticide Regulation (DPR) Licensing and Certification Program database for licenses and/or certificates for pesticide applicators that use or supervise the use of restricted pesticides. The property owners were not listed in the DPR database.

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**2.3.10 Staining and Discolored Soil**

An area of slightly red soils was observed on the north side of the former ranch complex. This area appeared to be the location of a former livestock pen.

A fire ring and some ash were observed in the northeast corner of the property.

**2.3.11 Stressed Vegetation**

Stressed vegetation was not observed during the site reconnaissance.

**2.3.12 Unusual Odors**

No unusual odors were detected during the site reconnaissance.

**2.3.13 On-site Wells**

Monitoring, water supply, or oil and gas wells were not observed on the property.

URS reviewed the California Division of Oil, Gas, and Geothermal Resources database to evaluate oil and gas exploration in the vicinity of the property. No oil and gas wells were identified on the property.

**2.3.14 Asbestos**

An asbestos survey was not included in the Scope of Services performed for this Phase I ESA. The use of asbestos was primarily discontinued after the late 1970s. URS identified several structures on the property that may contain asbestos, including a pile of drywall. As applicable, confirmed ACM should be handled by a licensed ACM contractor and disposed of according to appropriate regulations.

**2.3.15 Lead-based Paint**

A lead-based paint (LBP) survey was not included in the Scope of Services performed for this Phase I ESA. Concern for LBP is primarily related to older structures. URS identified several structures on the property that may contain LBP. As applicable, confirmed LBP should be handled by a licensed LBP contractor and disposed of according to appropriate regulations.

**2.3.16 Radon**

A USEPA survey by state and county of indoor radon concentrations indicated the radon zone level for San Bernardino County is 2. Zone 2 areas are predicted to have an indoor radon screening potential of greater than 2.0 picocuries per liter of air (pCi/l) and less than

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4.0 pCi/l. The USEPA action level for radon is 4.0 pCi/l. Further assessment for radon appears unwarranted, based on regional background levels.

### **2.3.17 Other Concerns**

A reclaimed water detention basin is located on property that was formerly within the northeast corner of the northern parcel but was acquired, reportedly through eminent domain, from the property owners. The property owner reported that they did not know where the water came from that entered the detention basin and thought water was ultimately used to irrigate land to the northeast of the property.

No other environmental concerns were noted at the time of the site reconnaissance.

## **2.4 SITE VICINITY AND ADJACENT PROPERTIES**

The property is located within an area that is primarily developed for agriculture and rural residences in a remote portion of eastern San Bernardino County. In general, prominent adjoining land uses are as follows:

- North: undeveloped land, reclaimed water detention facility
- Northeast: water reclamation facility
- South: undeveloped land
- East: Camp Rock Road, undeveloped land
- West: undeveloped land

URS did not observe activities that would indicate the potential for surface or subsurface impacts to the property from adjoining properties.

## **2.5 HISTORICAL USE**

URS reviewed readily available historical data pertaining to the property. These references were reviewed for evidence of activities that would suggest the potential presence of hazardous substances at the property and to evaluate the potential for the property to be impacted by off-site sources of contamination. The following subsections present a summary of the review results.

### **2.5.1 Historic Topographic Maps**

URS reviewed the following USGS 7.5-minute Quadrangle maps of California provided in the EDR Historical Topographic Map Report: Southern CA Sheet 1 (1901), San Gorgonio (1902), Lead Mountain NE (1955) and Cougar Buttes (1971 and 1994), to provide

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topographic map coverage of the property and site vicinity (see Appendix B). The following is a summary of the review:

- The maps depict the property as undeveloped land within the Mohave Desert. No structures or features are depicted on the property. Adjacent properties and the surrounding area are depicted primarily as undeveloped or agricultural/residential land. Various unnamed, unimproved roads and water supply wells are evident in the site vicinity.

### **2.5.2 Historic Aerial Photographs**

The general type of activity and land use can often be discerned from the type and layout of structures visible in an aerial photograph; however, specific elements of a property operation cannot normally be determined from the photographs. Considering these conditions, URS reviewed historical aerial photographs dated 1945, 1953, 1969, 1974, 1989, 1995, and 2005 that were provided by EDR (see Appendix C). The following is a summary of the review:

- 1945** The property appears to be undeveloped land. Two large drainages are observed to run north to south through the property. The adjacent properties and site vicinity are observed to be undeveloped land. Camp Rock is observed to the east of the property. Some unimproved roads are observed in the site vicinity.
- 1953** No significant changes are observed to the property. Unimproved roads and residential development is observed to the west of the property. Residential development is observed in the site vicinity to the south of the property.
- 1969** No significant changes are observed to the property, adjacent properties, or site vicinity.
- 1974** No significant changes are observed to the property, adjacent properties, or site vicinity.
- 1989** No significant changes are observed to the property. The reclaimed water detention facility is visible to the north of the northeast corner of the property. Increased residential development is observed to the west of the property.
- 1995** No significant changes are observed to the property, adjacent properties, or site vicinity.
- 2005** The former ranch complex near the western edge of the property is visible. No significant changes are observed to the property, adjacent properties, or site vicinity.

### **2.5.3 Sanborn Fire Insurance Maps**

URS contracted with EDR to obtain Sanborn Fire Insurance Maps for the property. Based on EDR's search, Sanborn Fire Insurance Maps were not available for the property.

#### **2.5.4 Previous Environmental Investigations**

URS was not provided previous environmental investigations for the property.

#### **2.5.5 Title Records/Environmental Liens or Activity and Use Limitations**

URS requested EDR to perform an Environmental Lien Search for the Project Site. Results of the EDR Lien Search indicate that there are no reported environmental liens or activity and use limitations associated with the property.

APNs 0449-172-75 and 0449-631-02 are reportedly vested in Helene F. Kalyn and Louis F. Entin.

A copy of the EDR Environmental Lien Report is included in Appendix E, Environmental Lien Report.

#### **2.5.6 Valuation Reduction for Environmental Issues**

URS was not provided information to indicate that the value of the property decreased due to environmental issues.

#### **2.5.7 Data Gaps**

An interior reconnaissance of the barn located within the former ranch complex near the western edge of the property was not completed due to a locked door. Based on the site reconnaissance, a review of historical information, the database search report, and an environmental lien search conducted by EDR, URS does not consider the data gaps identified herein to be significant.



## **SECTION 3.0 PHYSICAL SETTING**

URS reviewed pertinent maps and readily available literature for information on the physiography and hydrogeology of the property. A summary of this information is presented in the following subsections.

### **3.1 TOPOGRAPHY**

The property region lies within the Antelope Valley and is bound by the San Gabriel Mountains to the south and southwest and the Tehachapi Mountains to the northwest and is relatively flat. Based on review of the USGS topographic maps of the site and vicinity, the elevation of the site ranges from approximately 3,250 to 3,350 feet above mean sea level (msl). Figure 1 presents the site topography at a 1:24,000 scale using recent USGS data.

### **3.2 AREA GEOLOGY**

The property is located on the central portion of the Mojave Desert Geomorphic Province, bordering the Transverse Ranges. The Mojave Desert Geomorphic Province is characterized by broad expanses of desert with localized mountains and dry lakebeds. The province is bounded by the San Bernardino Mountains to the south, the Granite Mountains and the Helendale Fault to the west, the Ord Mountains to the north and the Basin and the Camp Rock fault and Kane Wash Area to the east (Norris and Webb 1976).

Most of the faults within the central Mojave Desert trend to the northwest, parallel to the San Andreas Fault Zone, and truncate against the Garlock Fault, trending to the northeast. The geologic units of the central Mojave Desert are divided into consolidated non-water-bearing rocks and water-bearing unconsolidated deposits. The site is underlain by Quaternary alluvium material consisting of thin surficial deposits, such as alluvial soils which are, in turn, underlain by older alluvial deposits at shallow depths. The older alluvial deposits consist of damp to saturated, loose to very dense, silty and clayey fine to coarse sand with occasional layers of gravel, silt and clay, and wet hard, fine sandy and silty clay. (DMG 1977).

### **3.3 GROUNDWATER**

The property is located in the Lucerne Valley Groundwater Basin a part of the Colorado River Basin.

The primary water-bearing materials are Quaternary-age alluvial and dune deposits consisting of unconsolidated or semi-consolidated deposits and alluvium composed of gravels, sand, silt, and clay, and occasional boulders. Recharge is dominated by runoff from the San Bernardino Mountains to the south and several mountain ranges to the north.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**

---

There are no permanent bodies of water located on the property. Based on a review of groundwater depth records for nearby wells (DWR 2009) it is anticipated that the regional groundwater table at the Project site is at a depth of more than 150 feet.

**SECTION 4.0  
AGENCY RECORDS REVIEW**

URS reviewed readily available records regarding past and current property use, contacted applicable agencies regarding potential environmental concerns at the property, and reviewed the agency database list search for potential environmental concerns at surrounding properties. The information obtained during the records review is provided in the following sections.

**4.1 DATABASE LIST SEARCH**

URS contracted with EDR to conduct a search for facilities listed by regulatory agencies as potentially having environmental concerns. The complete list of databases reviewed is provided in the EDR Radius Map Report, included as Appendix D, and is summarized in Sections 4.1.1 and 4.1.2. It should be noted that this information is reported as received by URS from EDR, which in turn reports information as provided in various government databases. It is not possible for either URS or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence.

**4.1.1 Property**

The property was not identified on any of the databases searched by EDR. A summary of agency databases searched can be found in the EDR Database Report provided as Appendix D.

**4.1.2 Site Vicinity**

Victorville PBR No. 8 in Lucerne Valley was identified on the FUDS database. No violations were reported. Based on the regulatory status of the facility, it is not anticipated to impact the property.

**4.1.3 Orphan Sites**

URS reviewed EDR's Orphan Summary, which is a listing of sites that have not been geo-coded (coded and plotted on EDR maps) based on lack of sufficient data regarding their exact location within the general area. The property was not identified as an Unmapped Site. No additional Unmapped Sites identified on the Orphan Summary appear to be located within the ASTM-designated radii of the property, and, therefore, URS has no evidence that these sites had an impact on the property.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**

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**4.2 AGENCY CONTACTS**

During the performance of an environmental assessment, state and local regulatory agencies having jurisdiction over the property are contacted to assess the following information: the status of relevant environmental permits; whether there has been any violations, or other similar correspondence from such agencies; whether corrective action or remediation is planned, currently taking place, or was completed at the property; whether there were any reported violations or complaints that the property is not in compliance with environmental laws, regulations, or standards, and whether the property is under investigation for such non-compliance; whether the property is listed on any of the regulatory databases; and whether there is any other pertinent documentation on file with such regulatory agencies regarding the property or surrounding sites of concern. URS contacted the following agencies:

- The California Department of Toxic Substances Control (DTSC) was contacted. The DTSC does not maintain any files for the property. No cases were cited in the EnviroStor database at or near the property.
- The Regional Water Quality Control Board (RWQCB) was contacted. The RWQCB does not maintain any files for the property. No cases were cited in the State Water Quality Control Board GeoTracker<sup>®</sup> database at or near the property.
- The San Bernardino County Fire Department, Hazardous Materials Division, Certified Unified Program Agency (CUPA) was contacted. The CUPA does not maintain any files for the property.
- Mojave Desert Air Quality Management District (AQMD). The AQMD does not maintain any files for the property.

**SECTION 5.0  
CONCLUSIONS**

**5.1 ON-SITE RECOGNIZED ENVIRONMENTAL CONDITIONS**

Based on URS' site reconnaissance and review of historical information, RECs from on-site sources were not identified.

**5.2 OFF-SITE RECOGNIZED ENVIRONMENTAL CONDITIONS**

Based on URS' review of historical information and the environmental database search, RECs from off-site sources were not identified.

**5.3 RECOMMENDATIONS**

Hazardous building materials (LBP/ACM), which do not constitute an REC, may be present in on-site structures. These structures should be surveyed prior to demolition of any structures. If LBP and ACM are identified, they should be disposed of according to appropriate regulations.



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**

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**SECTION 6.0  
PREPARER SIGNATURES AND QUALIFICATIONS**

This section includes qualification statements of the environmental professionals responsible for conducting the Phase I ESA and preparing this report.

Ms. Tricia Winterbauer of the URS Santa Barbara, California office directed the site reconnaissance by qualified URS personnel, conducted the data review for the project, and wrote the Phase I ESA report. Ms. Winterbauer has 14 years of experience in environmental site investigations, characterizations, and assessments.

The work conducted and the report written by Ms. Winterbauer was reviewed by Mr. David Bernal, PG, with over 20 years of experience with Phase I Environmental Site Assessments.

Ms. Winterbauer declares that, to the best of her professional knowledge and belief, she meets the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

Mr. Bernal declares that, to the best of his professional knowledge and belief, he meets the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

Ms. Winterbauer has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of this property. With the assistance of Mr. Bernal, they have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



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Tricia Winterbauer  
Senior Environmental Specialist



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David Bernal, PG #5554  
Principal Geologist



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**

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**SECTION 7.0  
REFERENCES**

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- 2011b. EDR Historical Topographic Map Report, Inquiry Number: 3174581.4. September 27.
- 2011c. EDR USGS Aerial Photo Decade Package, Inquiry Number: 3174581.5. September 28.
- 2011d. EDR Environmental Lien Search Report, Inquiry Number: 3174581.7 September 29.
- Federal Register. 2005. Vol. 70, No. 210. U.S. Environmental Protection Agency. *Standards and Practices for All Appropriate Inquiries; Final Rule* (40 CFR Part 312). November.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**

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Norris, R.M, and R.W. Webb. 1976. *Geology of California*; New York, John Wiley & Sons, Inc., pp 289–305.

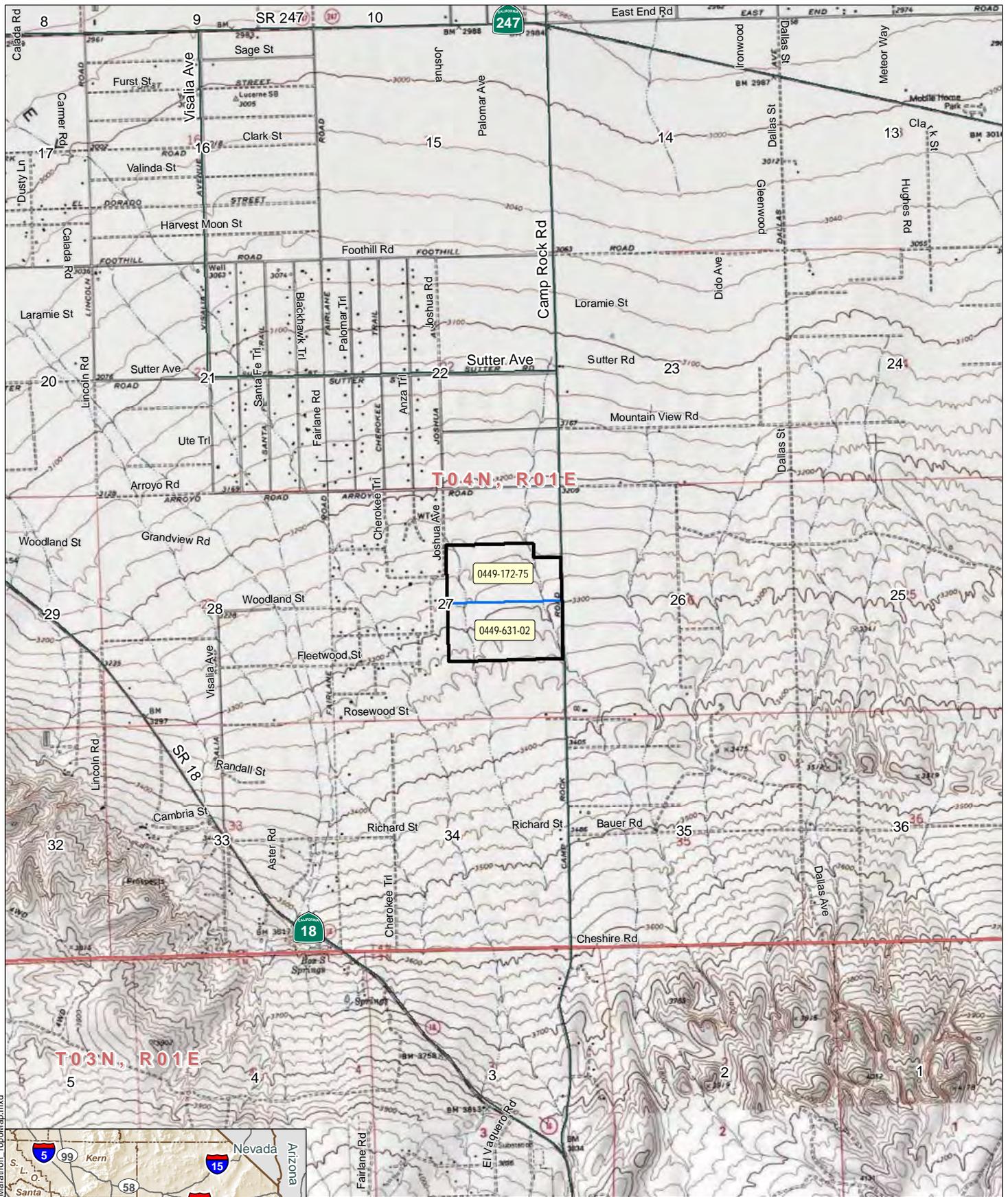
U.S. Environmental Protection Agency (USEPA). 2011. *California Map of Radon Zones*. From the USEPA web page: <http://www.epa.gov/iaq/radon/zonemap.html>. October.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**

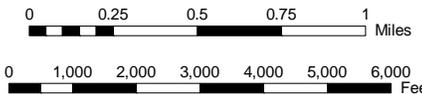
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**FIGURES**





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- Legend**
- Marathon Solar Site
  - APN Parcels
  - CA PLSS Township-Range Grid

**WDG Capital Partners - Phase I ESA  
Marathon Solar Site  
San Bernardino County**

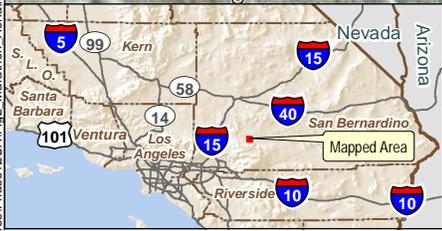
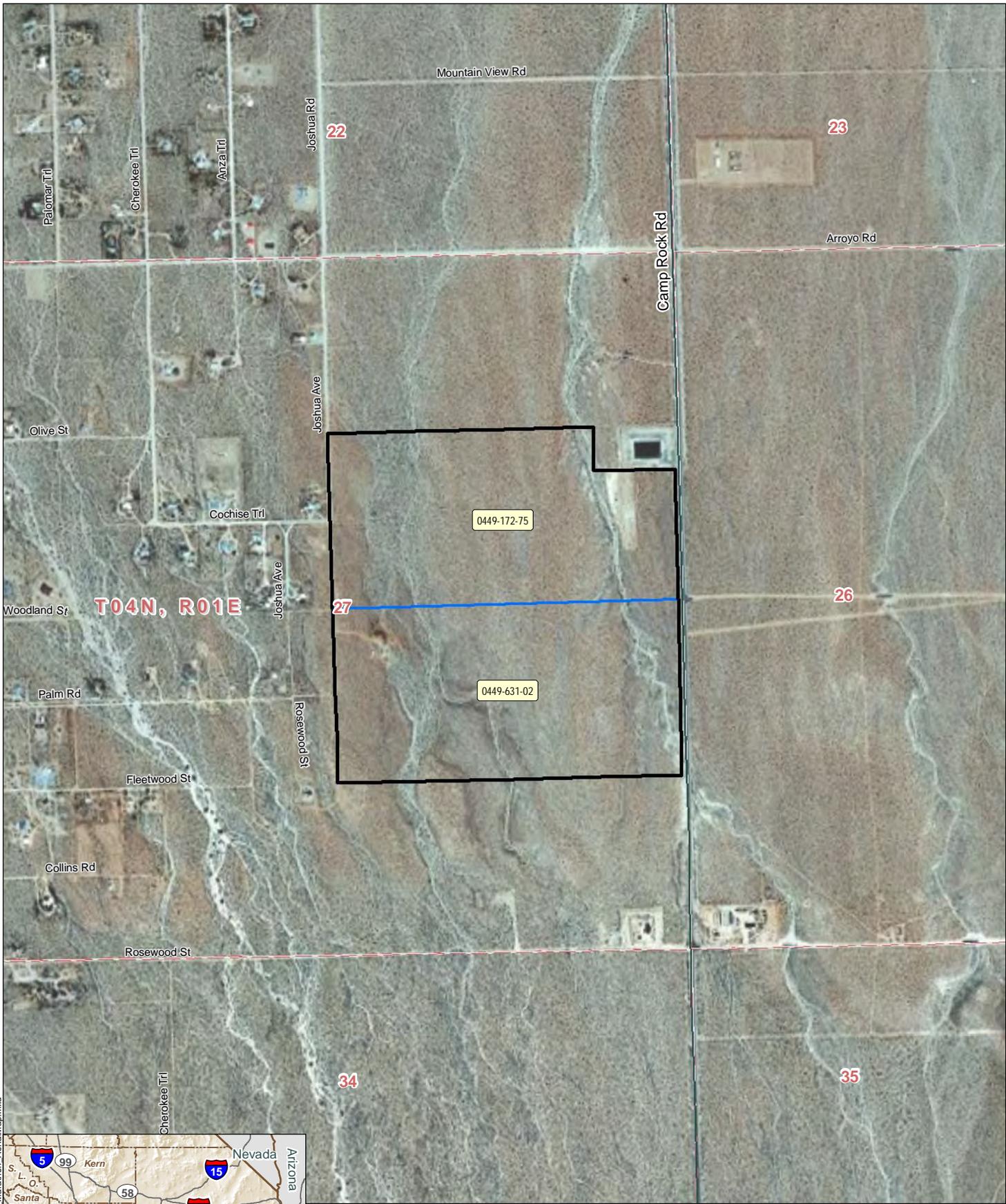
URS Corporation

Source: [1] Seamless, scanned images of United States Geological Survey (USGS) paper topographic 1:24,000-scale maps by National Geographic TOPOI, [2] California Geospatial Information Library PLS, [3] San Bernardino County Office of the Assessor, [4] ESRI StreetMap USA (2007).

**Figure 1. Topographic Map of Project Area**

2011





0 0.1 0.2 0.3 0.4 0.5 Miles

0 1,000 2,000 Feet

**Legend**

- Marathon Solar Site
- CA PLSS Township-Range Grid
- APN Parcels
- CA PLSS Section Grid

T:\WIDGCP\deliverables\Phase I ESA\Fig 2. Marathon - Aerials\Map.mxd

**WDG Capital Partners - Phase I ESA  
Marathon Solar Site  
San Bernardino County**

URS Corporation

Source: [1] I-cubed Nationwide Prime - Aerials Express (2009-04-15 image date, 0.3m resolution), [2] California Geospatial Information Library PLS, [3] San Bernardino County Office of the Assessor, [4] ESRI StreetMap USA (2007).

**Figure 2. Aerial Map of Project Area**



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**

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**APPENDIX A  
SITE PHOTOGRAPHS**



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**



**Photograph 1**

**Comments:**

APN: 0449-631-02

Facing north along the eastern boundary from the southeast corner of the property.



**Photograph 2**

**Comments:**

APN: 0449-631-02

Facing west along the southern boundary from the southeast corner of the property.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**



**Photograph 3**  
Comments:  
APN: 0449-172-75  
Facing west along the northern boundary from the northeast corner of the property.



**Photograph 4**  
Comments:  
APN: 0449-172-75  
Facing south along the eastern boundary from the northeast corner of the property.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**



**Photograph 5**

**Comments:**

APN: 0449-172-75

Facing north from the north central portion of the property.



**Photograph 6**

**Comments:**

APN: 0449-172-75

Facing west from the north central portion of the property.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**



**Photograph 7**  
**Comments:**  
APN: 0449-172-75  
Facing east from the north central portion of the property.



**Photograph 8**  
**Comments:**  
APN: 0449-631-02  
Facing northeast from the south central portion of the property.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**



**Photograph 9**

**Comments:**

APN: 0449-631-02

Facing south from the western boundary of the property.



**Photograph 10**

**Comments:**

APN: 0449-631-02

Facing east from the western boundary of the property.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**



**Photograph 11**

**Comments:**

APN: 0449-172-75

Facing north at Pacific Gas and Electric buried gas line sign along the eastern edge of the property (Camp Rock Road visible)



**Photograph 12**

**Comments:**

APN: 0449-172-75

Facing east at debris located in northeast portion of the property.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**



**Photograph 13**

**Comments:**

APN: 0449-172-75

Rifle shells located in the northeast portion of the property.



**Photograph 14**

**Comments:**

APN: 0449-631-02

Facing southeast at former ranch complex located near the western boundary of the property.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**



**Photograph 15**

**Comments:**

APN: 0449-631-02

Facing southwest at abandoned residential structure (left) and storage structure (right) within former ranch complex located near the western boundary of the property.



**Photograph 16**

**Comments:**

APN: 0449-631-02

Facing west towards car and barn within former ranch complex located near the western boundary of the property.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**



**Photograph 17**

**Comments:**

APN: 0449-631-02

Facing north at barn and AST within former ranch complex located near the western boundary of the property.



**Photograph 18**

**Comments:**

APN: 0449-631-02

Propane tanks, debris, and generator within former ranch complex located near the western boundary of the property.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**



**Photograph 19**

**Comments:**

APN: 0449-631-02

Drum containing black liquid within former ranch complex located near the western boundary of the property.



**Photograph 20**

**Comments:**

APN: 0449-631-02

Interior of abandoned residential structure within the former ranch complex located near the western edge of the property.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**



Photograph 21

Comments:

APN: 0449-631-02

Facing east at former livestock pen area within former ranch complex located near the western boundary of the property.



Photograph 22

Comments:

APN: Offsite

Waste water detention facility located north of the property.



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**

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**APPENDIX B  
EDR HISTORICAL TOPOGRAPHIC MAP REPORT**



**WDG CP Marathon Solar Site**

Apns 0449-172-75 & 0449-631-02

Lucerne Valley, CA 92356

Inquiry Number: 3174581.4

September 27, 2011

## EDR Historical Topographic Map Report

# EDR Historical Topographic Map Report

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

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

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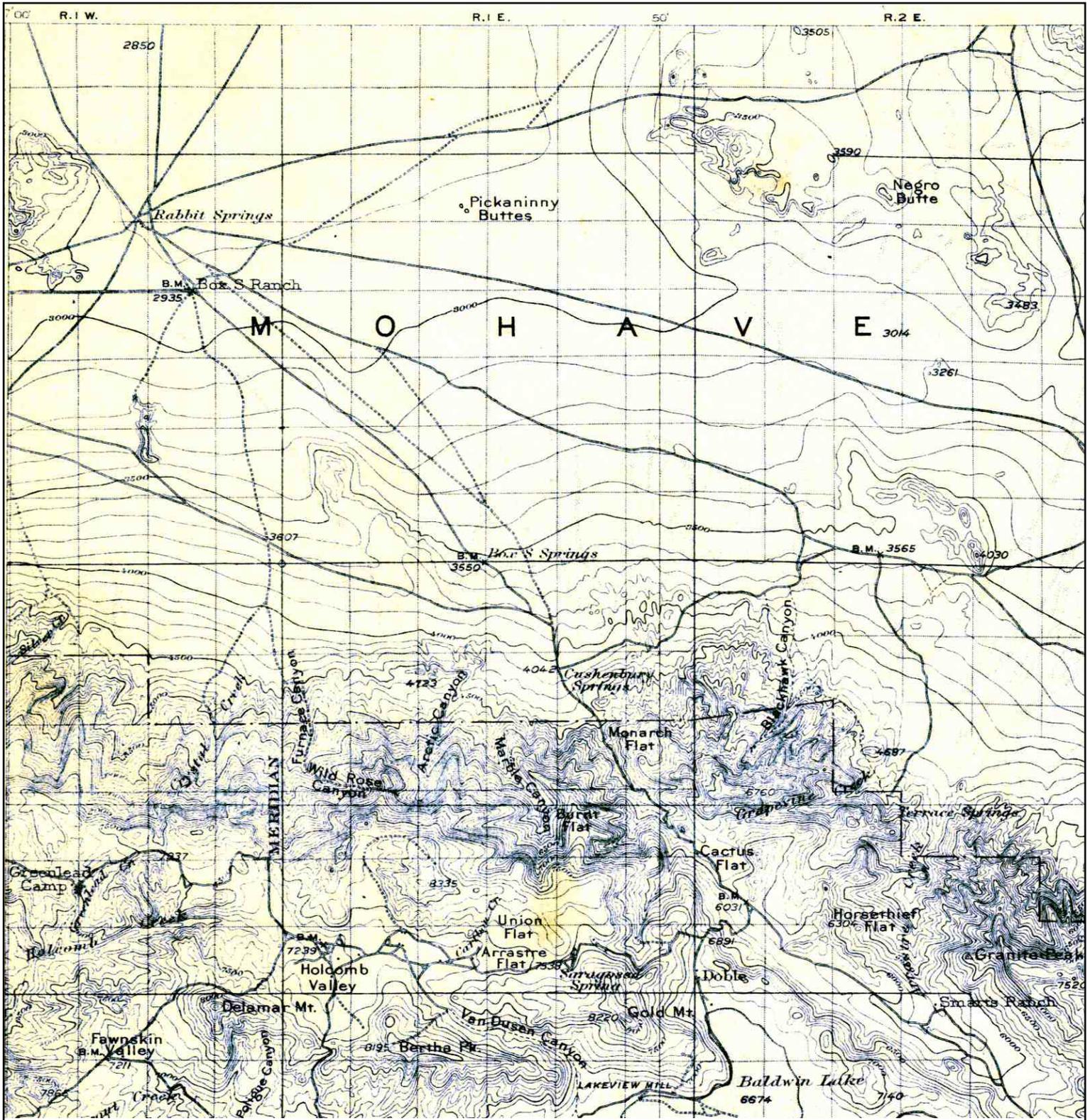
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# Historical Topographic Map



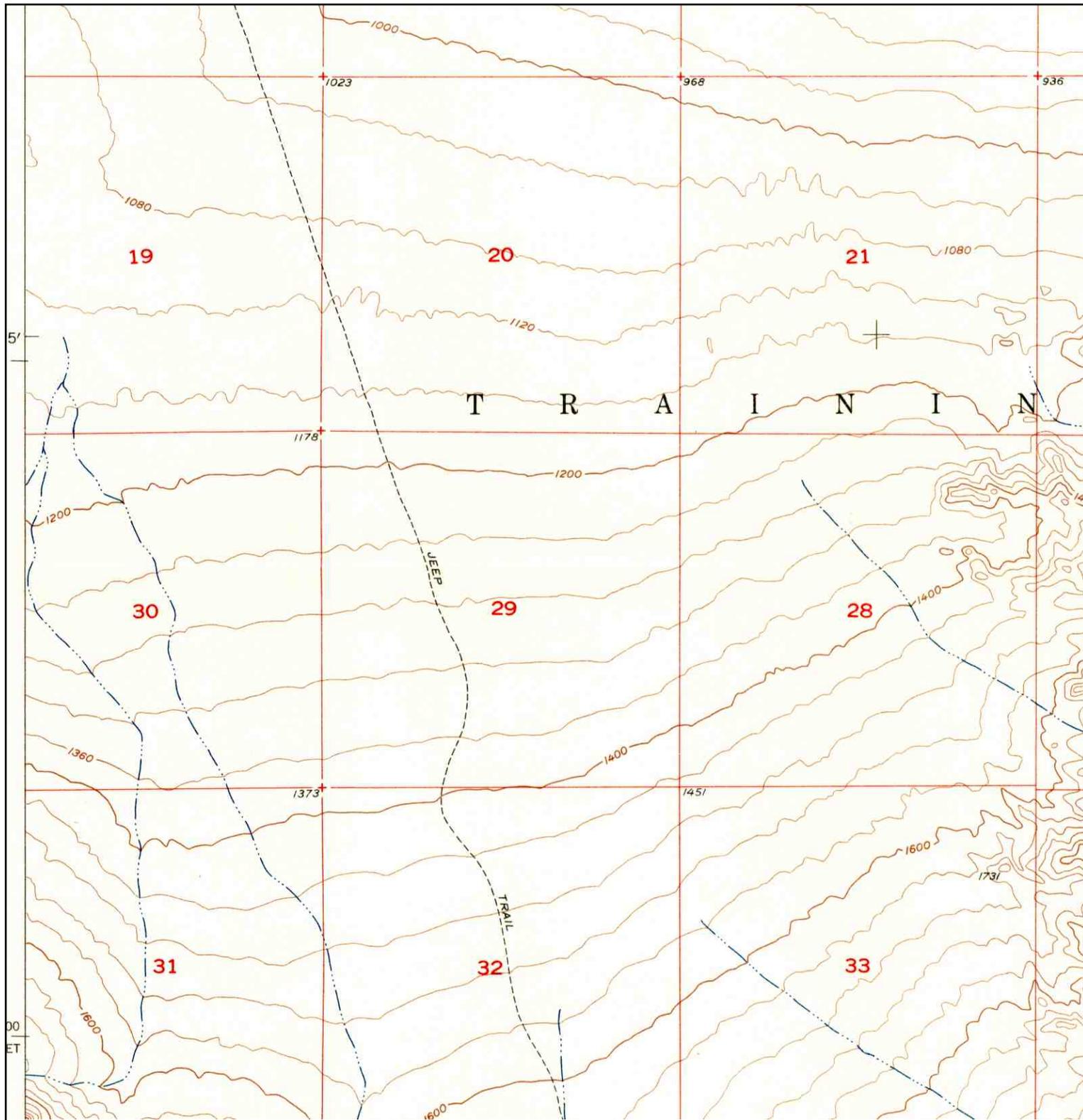
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	<p>SERIES: 60                  SCALE: 1:250000</p>		

# Historical Topographic Map



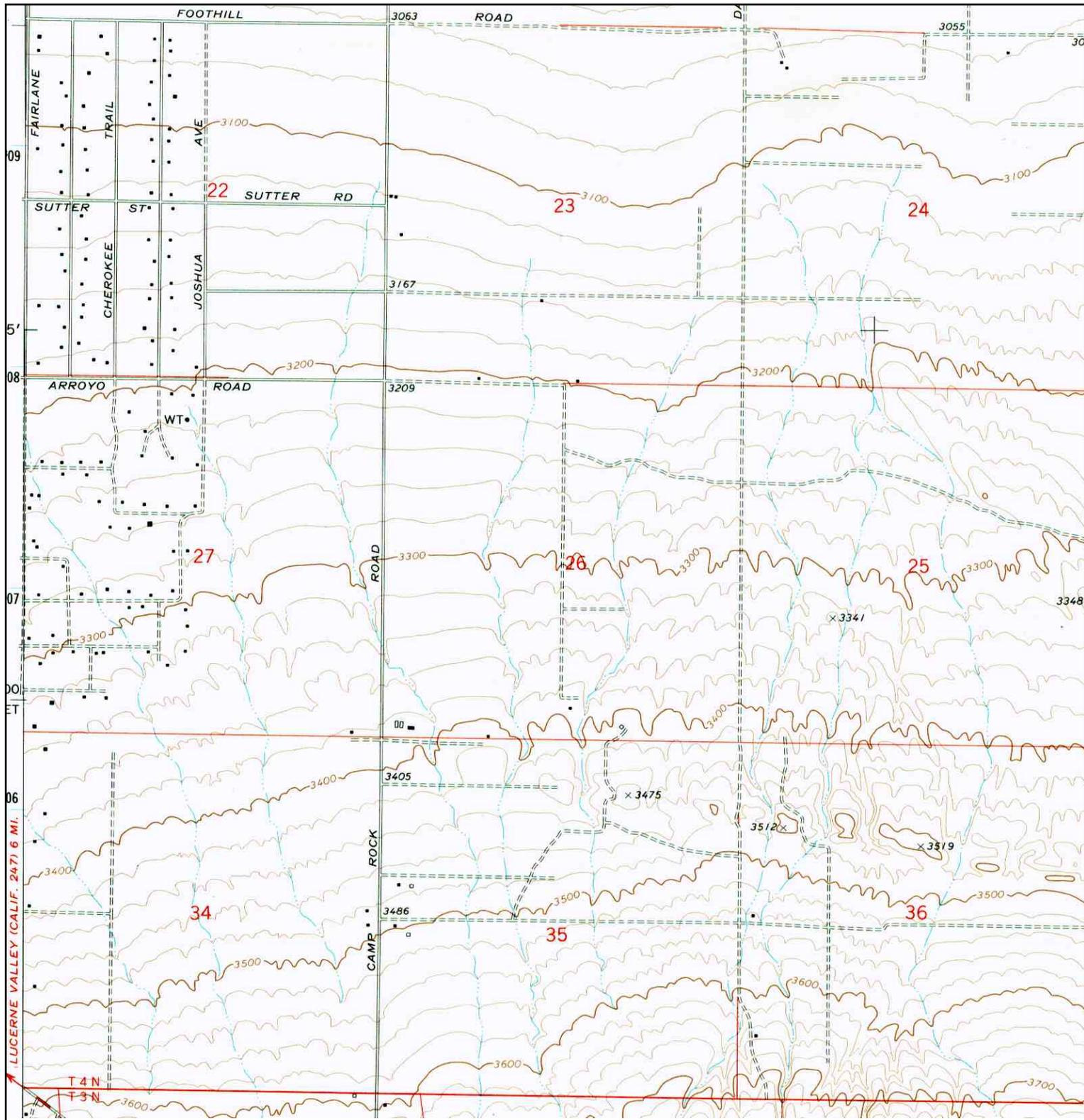
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	<b>MAP YEAR:</b> 1902	<b>LAT/LONG:</b> 34.4073 / -116.8628	<b>INQUIRY#:</b> 3174581.4
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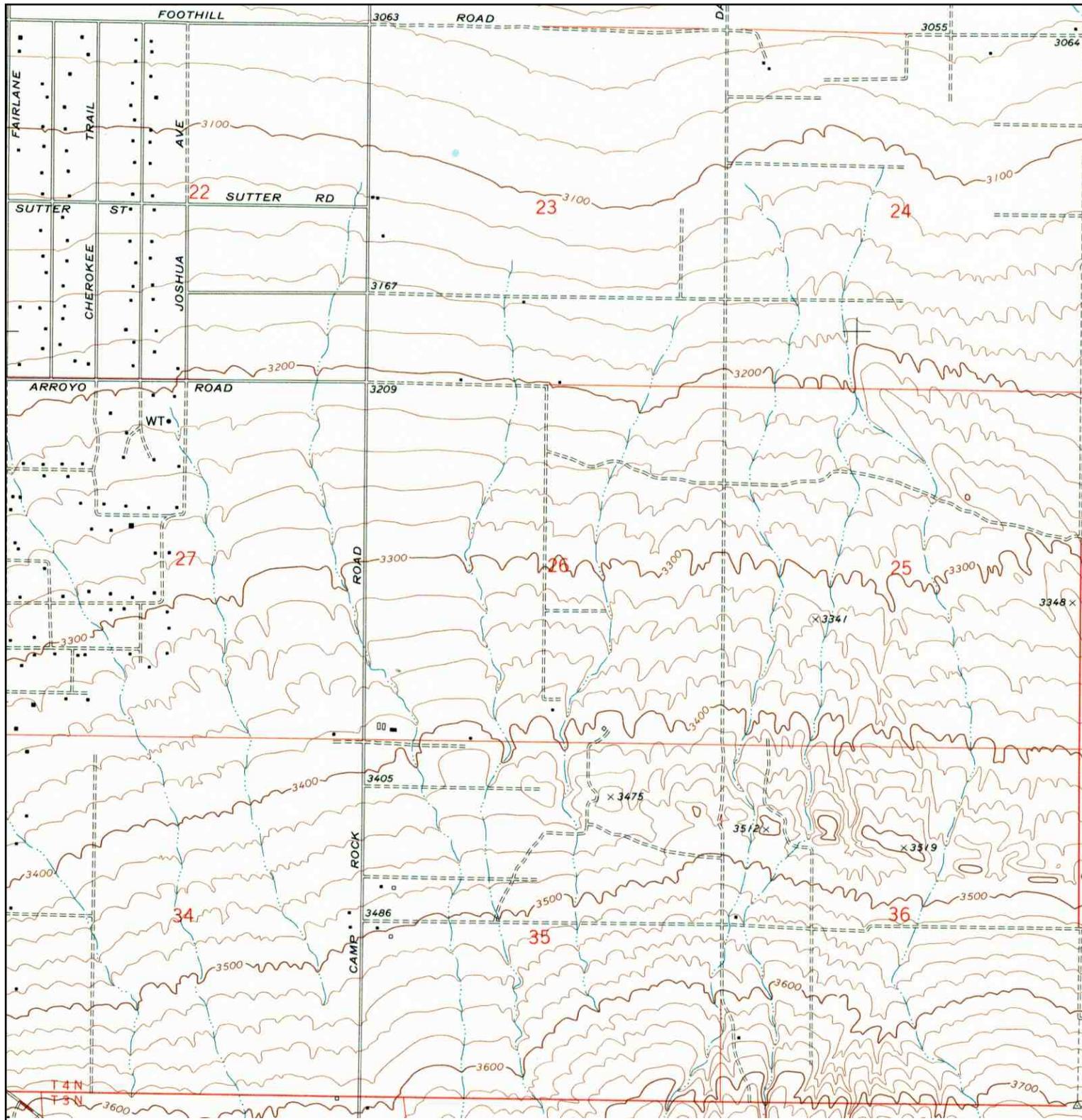
 <b>N</b>	<b>TARGET QUAD</b> NAME: LEAD MOUNTAIN NE MAP YEAR: 1955	SITE NAME: WDG CP Marathon Solar Site ADDRESS: Apts 0449-172-75 & 0449-631-02 Lucerne Valley, CA 92356 LAT/LONG: 34.4073 / -116.8628	CLIENT: URS Corporation CONTACT: Tricia Winterbauer INQUIRY#: 3174581.4 RESEARCH DATE: 09/27/2011
	SERIES: 7.5 SCALE: 1:24000		

# Historical Topographic Map



	<b>TARGET QUAD</b> NAME: COUGAR BUTTES MAP YEAR: 1971	SITE NAME: WDG CP Marathon Solar Site ADDRESS: Apsns 0449-172-75 & 0449-631-02 Lucerne Valley, CA 92356 LAT/LONG: 34.4073 / -116.8628	CLIENT: URS Corporation CONTACT: Tricia Winterbauer INQUIRY#: 3174581.4 RESEARCH DATE: 09/27/2011
	SERIES: 7.5 SCALE: 1:24000		

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> WDG CP Marathon Solar Site	<b>CLIENT:</b> URS Corporation
	NAME: COUGAR BUTTES	<b>ADDRESS:</b> Apts 0449-172-75 & 0449-631-02	<b>CONTACT:</b> Tricia Winterbauer
	MAP YEAR: 1994	Lucerne Valley, CA 92356	<b>INQUIRY#:</b> 3174581.4
	REVISED: 1971	<b>LAT/LONG:</b> 34.4073 / -116.8628	<b>RESEARCH DATE:</b> 09/27/2011
	SERIES: 7.5		
	SCALE: 1:24000		



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**

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**APPENDIX C  
EDR AERIAL PHOTO DECADE PACKAGE**



**WDG CP Marathon Solar Site**

Apns 0449-172-75 & 0449-631-02

Lucerne Valley, CA 92356

Inquiry Number: 3174581.5

September 28, 2011

## The EDR Aerial Photo Decade Package

# EDR Aerial Photo Decade Package

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**Date EDR Searched Historical Sources:**

Aerial Photography September 28, 2011

**Target Property:**

Apns 0449-172-75 &amp; 0449-631-02

Lucerne Valley, CA 92356

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1945	Aerial Photograph. Scale: 1"=666'	Flight Year: 1945	USGS
1953	Aerial Photograph. Scale: 1"=555'	Flight Year: 1953	Southwestern
1969	Aerial Photograph. Scale: 1"=666'	Flight Year: 1969	USGS
1974	Aerial Photograph. Scale: 1"=516'	Flight Year: 1974	NASA
1989	Aerial Photograph. Scale: 1"=666'	Flight Year: 1989	USGS
1995	Aerial Photograph. Scale: 1"=604'	/Composite DOQQ - acquisition dates: 1995	EDR
2005	Aerial Photograph. Scale: 1"=604'	Flight Year: 2005	EDR

INQUIRY #: 3174581.5

YEAR: 1945

| = 666'



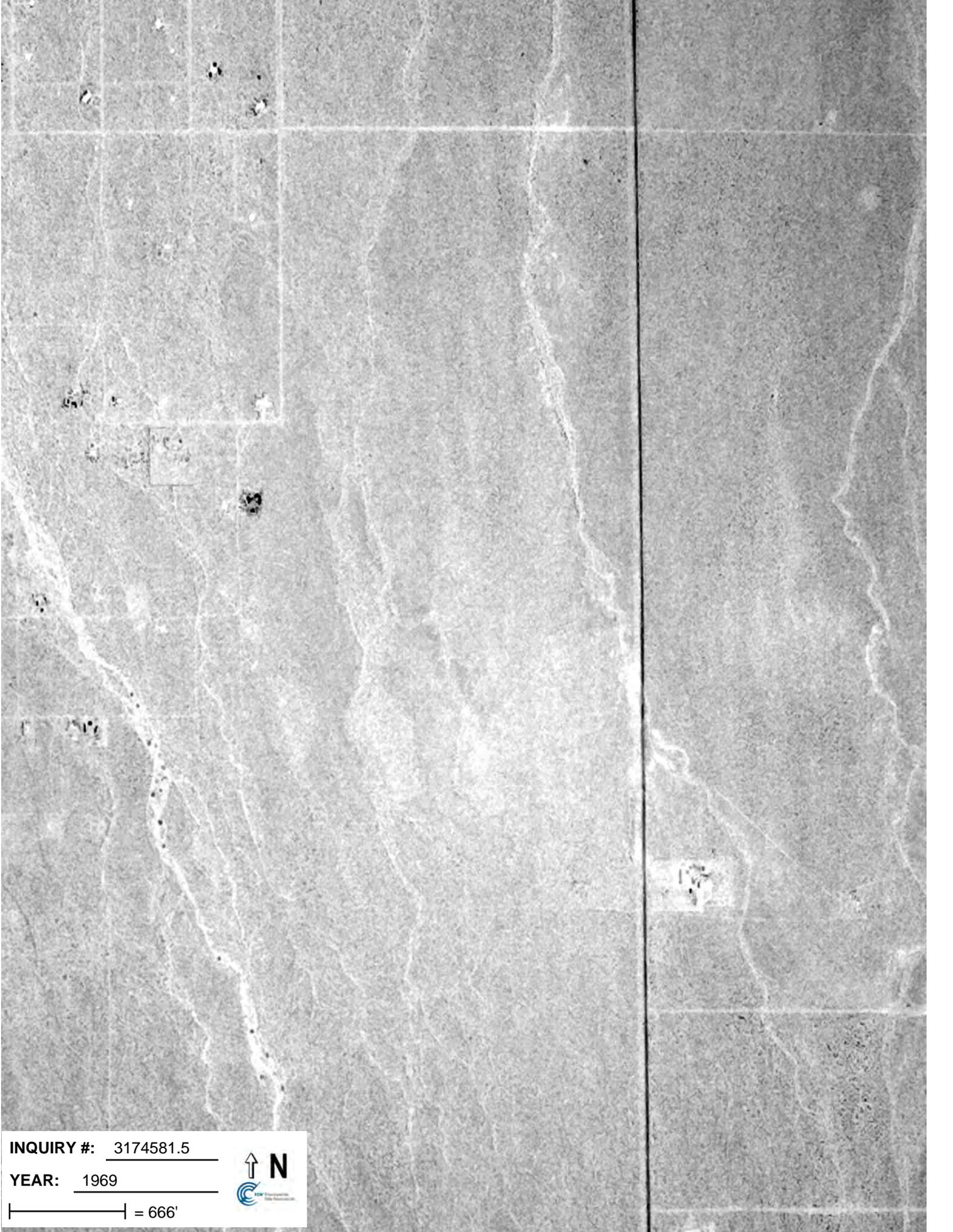


**INQUIRY #:** 3174581.5

**YEAR:** 1953



| = 555'



**INQUIRY #:** 3174581.5

**YEAR:** 1969

| = 666'





**INQUIRY #:** 3174581.5

**YEAR:** 1974

| = 516'



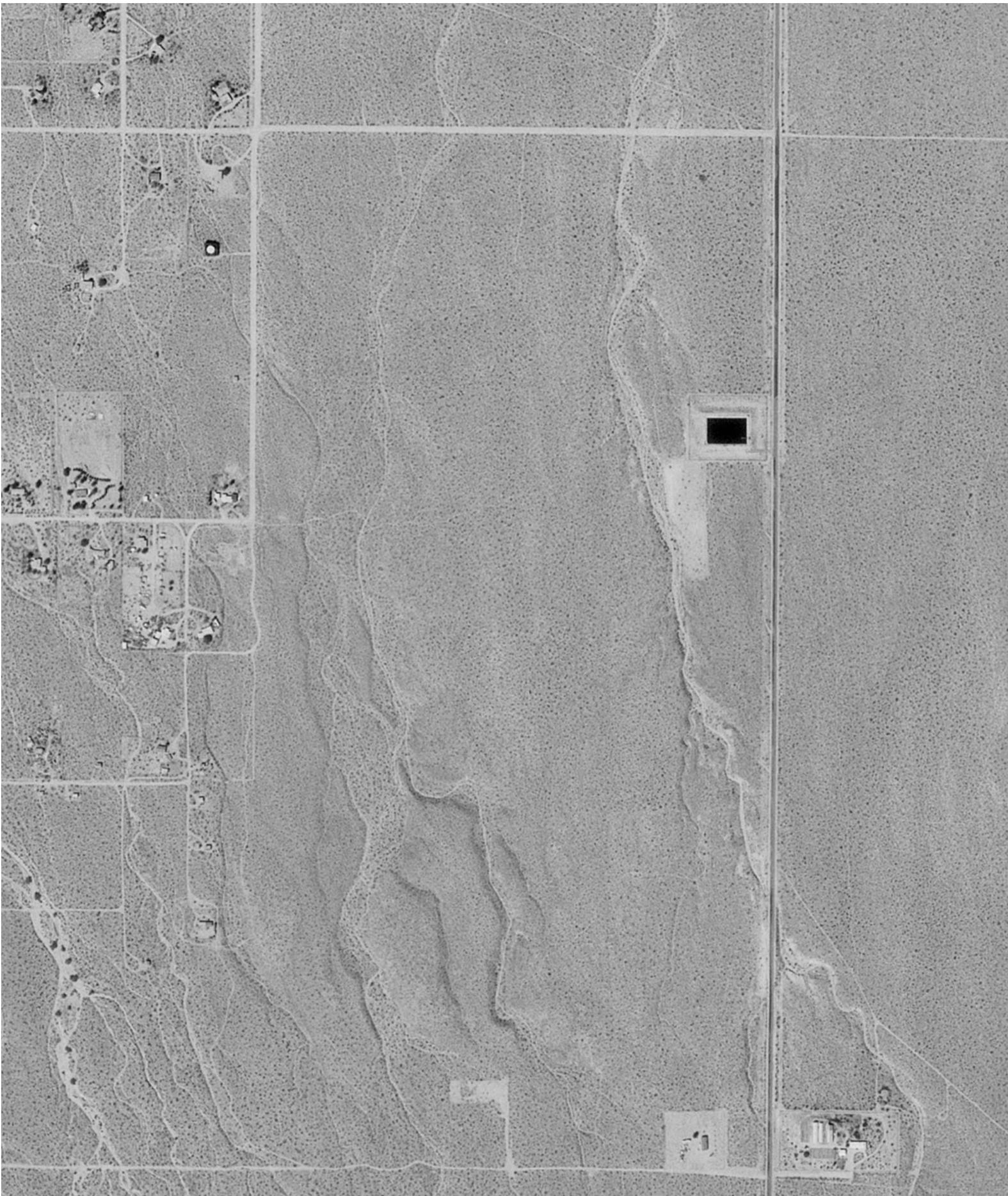


INQUIRY #: 3174581.5

YEAR: 1989

| = 666'





**INQUIRY #:** 3174581.5

**YEAR:** 1995

| = 604'





**INQUIRY #:** 3174581.5

**YEAR:** 2005

| = 604'



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**

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**APPENDIX D  
EDR RADIUS MAP REPORT**



**WDG CP Marathon Solar Site**

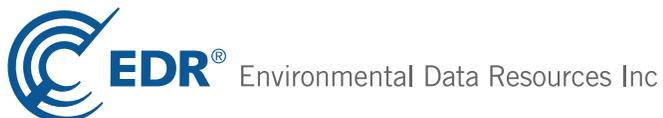
Apns 0449-172-75 & 0449-631-02

Lucerne Valley, CA 92356

Inquiry Number: 3174581.2s

September 27, 2011

# The EDR Radius Map™ Report with GeoCheck®



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

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

APNS 0449-172-75 & 0449-631-02  
LUCERNE VALLEY, CA 92356

#### COORDINATES

Latitude (North): 34.407300 - 34° 24' 26.3"  
Longitude (West): 116.862800 - 116° 51' 46.1"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 512609.6  
UTM Y (Meters): 3807131.0  
Elevation: 3300 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 34116-D7 COUGAR BUTTES, CA  
Most Recent Revision: 1994  
  
West Map: 34116-D8 LUCERNE VALLEY, 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

## EXECUTIVE SUMMARY

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

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

Delisted NPL..... National Priority List Deletions

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

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

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

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

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

CORRACTS..... Corrective Action Report

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

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

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

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-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

## EXECUTIVE SUMMARY

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

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

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

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

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

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

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

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

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

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

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

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

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

#### **Local Land Records**

LIENS 2..... CERCLA Lien Information  
LUCIS..... Land Use Control Information System  
LIENS..... Environmental Liens Listing  
DEED..... Deed Restriction Listing

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

HMIRS..... Hazardous Materials Information Reporting System

## EXECUTIVE SUMMARY

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  
CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
UMTRA..... Uranium Mill Tailings Sites  
MINES..... Mines Master Index File  
TRIS..... Toxic Chemical Release Inventory System  
TSCA..... Toxic Substances Control Act  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
SSTS..... Section 7 Tracking Systems  
ICIS..... Integrated Compliance Information System  
PADS..... PCB Activity Database System  
MLTS..... Material Licensing Tracking System  
RADINFO..... Radiation Information Database  
FINDS..... Facility Index System/Facility Registry System  
RAATS..... RCRA Administrative Action Tracking System  
CA BOND EXP. PLAN..... Bond Expenditure Plan  
WDS..... Waste Discharge System  
NPDES..... NPDES Permits Listing  
Cortese..... "Cortese" Hazardous Waste & Substances Sites List  
HIST CORTESE..... Hazardous Waste & Substance Site List  
Notify 65..... Proposition 65 Records  
DRYCLEANERS..... Cleaner Facilities  
WIP..... Well Investigation Program Case List  
San Bern. Co. Permit..... Hazardous Material Permits  
HAZNET..... Facility and Manifest Data  
EMI..... Emissions Inventory Data  
INDIAN RESERV..... Indian Reservations  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
FINANCIAL ASSURANCE..... Financial Assurance Information Listing  
HWP..... EnviroStor Permitted Facilities Listing  
HWT..... Registered Hazardous Waste Transporter Database  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
PROC..... Certified Processors Database  
MWMP..... Medical Waste Management Program Listing  
COAL ASH DOE..... Sleam-Electric Plan Operation Data

### **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

# EXECUTIVE SUMMARY

## SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

## ADDITIONAL ENVIRONMENTAL RECORDS

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

FUDS: 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.

A review of the FUDS list, as provided by EDR, and dated 12/31/2009 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

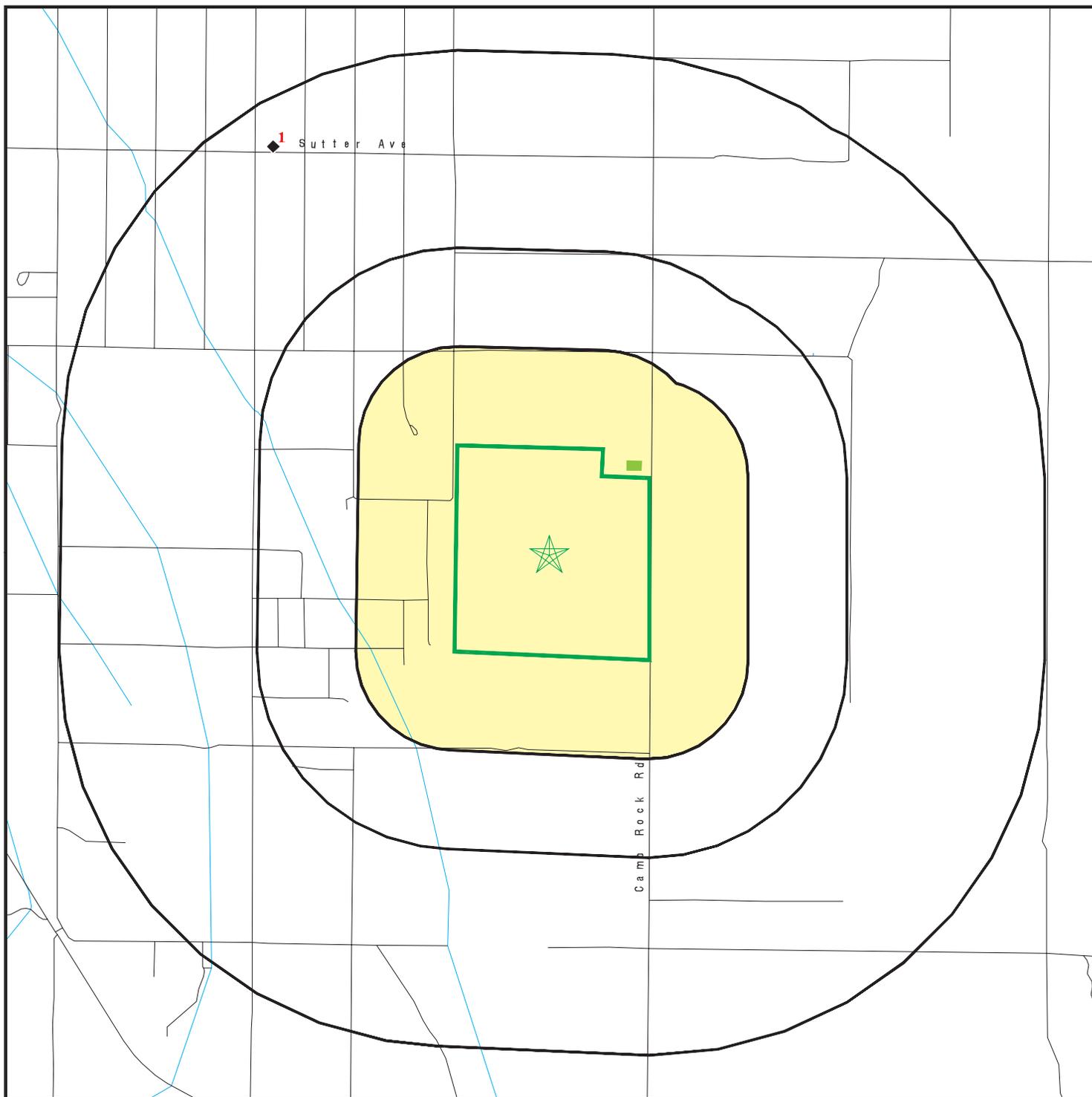
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VICTORVILLE PBR NO 8		NNW 1/2 - 1 (0.888 mi.)	1	8

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 27 records.

<u>Site Name</u>	<u>Database(s)</u>
L.G. KITCHENS TRANSPORT	HIST CORTESE
KAISER CEMENT CORPORATION	HIST CORTESE
LUCERNE VALLEY GARAGE	HIST CORTESE, LUST
FORT IRWIN LUCKY FUSE DISPOSAL	WMUDS/SWAT, HIST CORTESE, CHMIRS
RED TOP MINE	HIST UST, LDS, San Bern. Co.
L.G. KITCHENS TRANS	Permit
RABBIT SPRINGS RANCH	SWEEPS UST
RUSSELL JONES/AGRICULTURAL TANK	SWEEPS UST
BLUE BEAD FARMS	SWEEPS UST
OLD WOMAN SPRINGS RANCH	SWEEPS UST
VALLEY HARDWARE & BLDG	SWEEPS UST
THREE CORNERS MARKET	SWEEPS UST
DESERT MINI MART & EXXON	SWEEPS UST
ROCKET GAS	SWEEPS UST
PFIZER INC LIME WASTE PILE	CERC-NFRAP
KAISER CEMENT CORP CUSHENBURY PLT	CERC-NFRAP
CAMP ROCK TRANSFER STATION	SWF/LF
L G KITCHENS TRANSPORT	LUST
RUSSELL JONES	HIST UST
BLUE BEAD FARMS	HIST UST
KAISER CEMENT CORPORATION-CUSH	RCRA-SQG, TRIS, HIST UST
DESERT MINI MART	San Bern. Co. Permit, HAZNET
LUCERNE VALLEY GARAGE	RCRA-SQG
ROAD RUNNER AUTO SALES	San Bern. Co. Permit
LUCERNE VALLEY CHEVRON	San Bern. Co. Permit
G & G AUTO CARE	San Bern. Co. Permit
ECO 1 RECYCLING	SWRCY

# OVERVIEW MAP - 3174581.2s



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites

 Indian Reservations BIA

 Oil & Gas pipelines from USGS

 100-year flood zone

 500-year flood zone

 National Wetland Inventory

 Areas of Concern

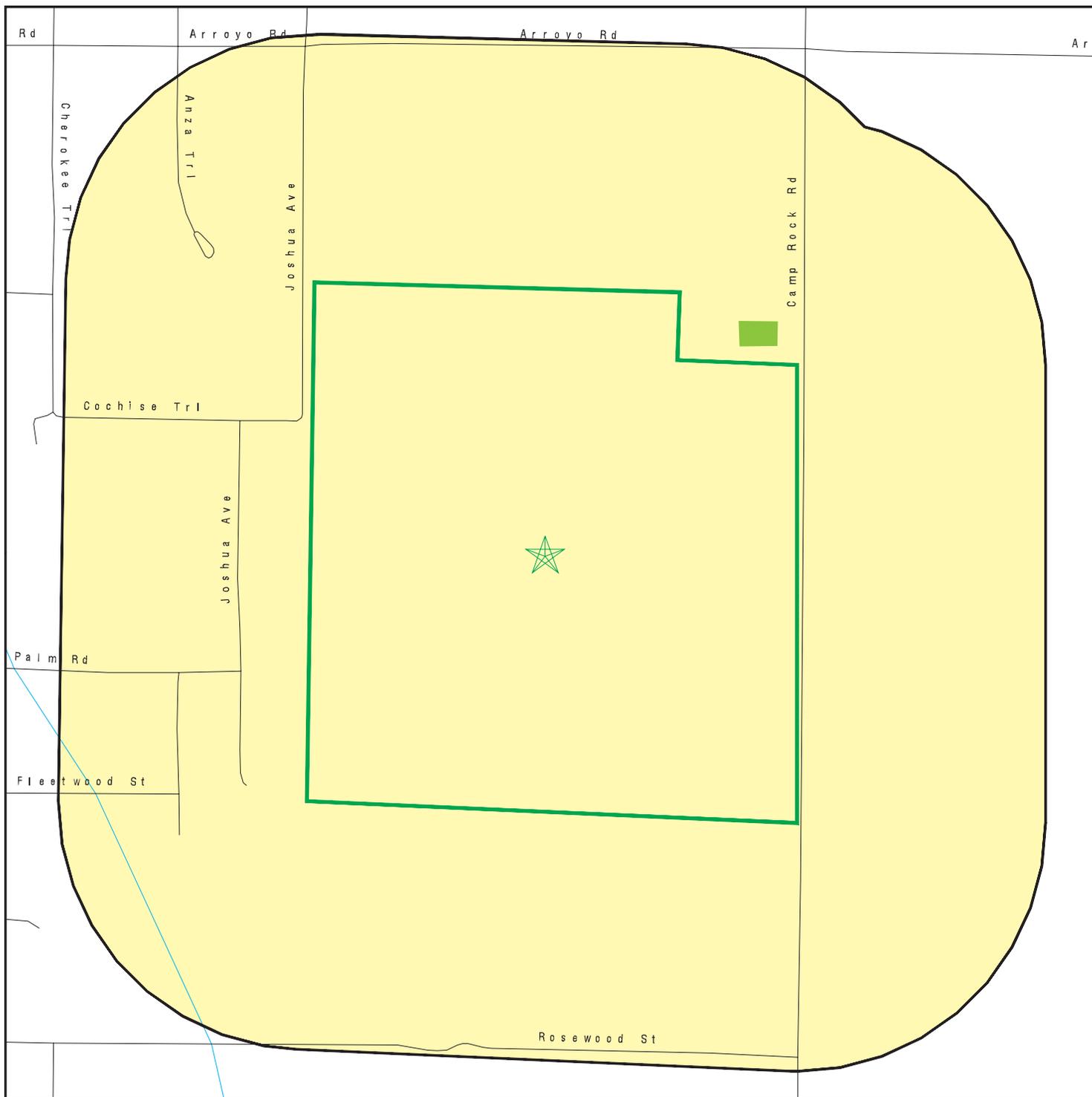


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: WDG CP Marathon Solar Site  
 ADDRESS: Apts 0449-172-75 & 0449-631-02  
 Lucerne Valley CA 92356  
 LAT/LONG: 34.4073 / 116.8628

CLIENT: URS Corporation  
 CONTACT: Tricia Winterbauer  
 INQUIRY #: 3174581.2s  
 DATE: September 27, 2011 3:31 pm

# DETAIL MAP - 3174581.2s



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



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



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

SITE NAME: WDG CP Marathon Solar Site  
 ADDRESS: Apts 0449-172-75 & 0449-631-02  
 Lucerne Valley CA 92356  
 LAT/LONG: 34.4073 / 116.8628

CLIENT: URS Corporation  
 CONTACT: Tricia Winterbauer  
 INQUIRY #: 3174581.2s  
 DATE: September 27, 2011 3:32 pm

## MAP FINDINGS SUMMARY

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

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST		0.500	0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
HAULERS		TP	NR	NR	NR	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL		TP	NR	NR	NR	NR	NR	0
HIST Cal-Sites		1.000	0	0	0	0	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
CA FID UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	0	0	NR	NR	NR	0
SWEEPS UST		0.250	0	0	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS		TP	NR	NR	NR	NR	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0
LDS		TP	NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS		TP	NR	NR	NR	NR	NR	0
<b><i>Other Ascertainable Records</i></b>								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	1	NR	1
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN		1.000	0	0	0	0	NR	0
WDS		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
HIST CORTESE		0.500	0	0	0	NR	NR	0
Notify 65		1.000	0	0	0	0	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
San Bern. Co. Permit		0.250	0	0	NR	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
HWP		1.000	0	0	0	0	NR	0
HWT		0.250	0	0	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
PROC		0.500	0	0	0	NR	NR	0
MWMP		0.250	0	0	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
<b><i>EDR Proprietary Records</i></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
-----------------	----------------------------	--	-----------------	------------------	------------------	----------------	---------------	--------------------------

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

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

<b>1</b> <b>NNW</b> <b>1/2-1</b> <b>0.888 mi.</b> <b>4690 ft.</b>	<b>VICTORVILLE PBR NO 8</b>  <b>LUCERNE VALLEY, CA</b>	<b>FUDS</b>	<b>1007212174</b> <b>N/A</b>
---	--	-------------	---------------------------------

<b>Relative:</b> <b>Lower</b>  <b>Actual:</b> <b>3123 ft.</b>	<b>FUDS:</b> Federal Facility ID: CA9799F5678 FUDS #: J09CA0693 INST ID: 53868 Facility Name: VICTORVILLE PBR NO 8 City: Lucerne Valley State: CA EPA Region: 9 County: SAN BERNARDINO Congressional District: 41 US Army District: Los Angeles District (SPL) Fiscal Year: 2009 Telephone: 213-452-3920 NPL Status: Not Listed RAB: Not reported CTC: 3930.45734 Current Owner: PRIVATE
---	--

**FUDS Description Details:**

Beginning on 2 September 1942, the United States War Department acquired 640 acres in transfer from the Department of the Interior for use as a range. This facility is located 26 miles southwest of Barstow and eight miles east of Victorville, California, County of San Bernardino. Currently, much of the land formerly associated with Victorville Precision Range #8 is undeveloped, covered only with desert vegetation. There are a few ranches and single family developments, and access to them is provided by a grid of paved and unpaved roads. Several new dwellings have been constructed, and it appears that development in this area will continue. This property is known or suspected to contain military munitions and explosives of concern (e.g., unexploded ordnance) and therefore may present an explosive hazard

**FUDS History Details:**

In September of 1942, the United States Army realized a military necessity to commandeer land so that pilots could practice. All 640 acres were withdrawn from public domain land and jurisdiction transferred from the Department of the Interior to the War Department. Subsequent to acquisition of this land, the Department of Defense began preparing the land to establish a site. A hexagonal target was created by clearing 900 feet in every direction and surrounding that area with three concentric circular rings of oil surfacing and placing a frame target in the center. The entire area was then surrounded by fencing. During the years that followed, the area was used for practice maneuvers by the United States Air Force. In September of 1944, practice maneuvers were no longer necessary and the acreage was declared as surplus. Custody of the total 640 acres was assumed by the Department of the interior in January of 1948. The land has been subdivided and sold to private interests. There are 196 owners.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTORVILLE PBR NO 8 (Continued)**

**1007212174**

FUDS Current Program Details:

FUDS Future Program Details:

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LUCERNE VALLEY	1008194550	LUCERNE VALLEY GARAGE	31685 HWY 18	92356	RCRA-SQG
LUCERNE VALLEY	S105024783	L.G. KITCHENS TRANSPORT	HWY 18 BAKER RD	92356	HIST CORTESE
LUCERNE VALLEY	S106928343	L.G. KITCHENS TRANS	HIGHWAY 18	92356	SWEEPS UST
LUCERNE VALLEY	S104816326	L G KITCHENS TRANSPORT	HIGHWAY 18\BAKER ROAD		LUST
LUCERNE VALLEY	U001575178	RED TOP MINE	CAMP ROCK RD	92356	HIST UST, LDS, San Bern. Co. Permit
LUCERNE VALLEY	1003878256	PFIZER INC LIME WASTE PILE	MERIDIAN RD 1/4 MI W OF PLT	92356	CERC-NFRAP
LUCERNE VALLEY	1003878270	KAISER CEMENT CORP CUSHENBURY PLT	OFF ROUTE 18	92356	CERC-NFRAP
LUCERNE VALLEY	S107737663	CAMP ROCK TRANSFER STATION	29805 SQUAW BUSH RD		SWF/LF
LUCERNE VALLEY	U001575179	RUSSELL JONES	STAR RT 700	92356	HIST UST
LUCERNE VALLEY	U001575164	BLUE BEAD FARMS	STAR RT. BOX 5605	92356	HIST UST
LUCERNE VALLEY	S106931050	RABBIT SPRINGS RANCH	STAR RT BOX 875	92356	SWEEPS UST
LUCERNE VALLEY	S106931662	RUSSELL JONES/AGRICULTURAL TANK	STAR RT 700	92356	SWEEPS UST
LUCERNE VALLEY	S106923427	BLUE BEAD FARMS	STAR RT BOX 5605	92356	SWEEPS UST
LUCERNE VALLEY	S106930136	OLD WOMAN SPRINGS RANCH	STAR RT BOX 5100	92356	SWEEPS UST
LUCERNE VALLEY	1000380295	KAISER CEMENT CORPORATION-CUSH	STATE HIGHWAY 18	92356	RCRA-SQG, TRIS, HIST UST
LUCERNE VALLEY	S105024785	KAISER CEMENT CORPORATION	STATE HWY 18 10 MI PAST M	92356	HIST CORTESE
LUCERNE VALLEY	S106934007	VALLEY HARDWARE & BLDG	31775 STATE HIGHWAY 18	92356	SWEEPS UST
LUCERNE VALLEY	S104571309	DESERT MINI MART	31581 STATE HIGHWAY 18	92356	San Bern. Co. Permit, HAZNET
LUCERNE VALLEY	S106932981	THREE CORNERS MARKET	32678 STATE HIGHWAY 18	92356	SWEEPS UST
LUCERNE VALLEY	S108724349	ROAD RUNNER AUTO SALES	31717 STATE HIGHWAY 18	92356	San Bern. Co. Permit
LUCERNE VALLEY	S105024786	LUCERNE VALLEY GARAGE	31685 STATE HIGHWAY 18	92356	HIST CORTESE, LUST
LUCERNE VALLEY	S104533192	LUCERNE VALLEY CHEVRON	32687 STATE HIGHWAY 18	92356	San Bern. Co. Permit
LUCERNE VALLEY	S104766383	G & G AUTO CARE	31685 STATE HIGHWAY 18	92356	San Bern. Co. Permit
LUCERNE VALLEY	S109118068	ECO 1 RECYCLING	32946 STATE HIGHWAY 18	92356	SWRCY
LUCERNE VALLEY	S106925337	DESERT MINI MART & EXXON	31581 STATE HIGHWAY 18	92356	SWEEPS UST
LUCERNE VALLEY	S106931511	ROCKET GAS	30815 STATE HIGHWAY 18	92356	SWEEPS UST
SAN BERNARDINO COUN	S103442535	FORT IRWIN LUCKY FUSE DISPOSAL	FORT IRWIN		WMUDS/SWAT, HIST CORTESE, CHI

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

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

#### NPL: National Priority List

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

Date of Government Version: 03/31/2011	Source: EPA
Date Data Arrived at EDR: 04/13/2011	Telephone: N/A
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/12/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/24/2011
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 03/31/2011	Source: EPA
Date Data Arrived at EDR: 04/13/2011	Telephone: N/A
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/12/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/24/2011
	Data Release Frequency: Quarterly

#### NPL LIENS: Federal Superfund Liens

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 03/31/2011	Source: EPA
Date Data Arrived at EDR: 04/13/2011	Telephone: N/A
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/12/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/24/2011
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 09/01/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/12/2011
	Data Release Frequency: Quarterly

### FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/15/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/24/2011
	Data Release Frequency: Varies

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

### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 09/01/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/12/2011
	Data Release Frequency: Quarterly

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

### CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/09/2011  
Date Data Arrived at EDR: 03/15/2011  
Date Made Active in Reports: 06/14/2011  
Number of Days to Update: 91

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

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

### **RCRA-TSDF: RCRA - Treatment, Storage and Disposal**

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

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

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 07/07/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Quarterly

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

### **RCRA-LQG: RCRA - Large Quantity Generators**

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

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

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 07/07/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Quarterly

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

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

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

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 07/07/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Quarterly

### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

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

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

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 07/07/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Varies

## ***Federal ERNS list***

### ERNS: Emergency Response Notification System

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

Date of Government Version: 04/05/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 04/05/2011	Telephone: 202-267-2180
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/05/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Annually

## ***State- and tribal - equivalent NPL***

### RESPONSE: State Response Sites

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

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

## ***State- and tribal - equivalent CERCLIS***

### ENVIROSTOR: EnviroStor Database

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

Date of Government Version: 05/23/2011  
Date Data Arrived at EDR: 05/24/2011  
Date Made Active in Reports: 06/15/2011  
Number of Days to Update: 22

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

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

### LUST REG 9: Leaking Underground Storage Tank Report

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

Date of Government Version: 03/01/2001  
Date Data Arrived at EDR: 04/23/2001  
Date Made Active in Reports: 05/21/2001  
Number of Days to Update: 28

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

### LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

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

### LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

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

### LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

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

### LUST REG 5: Leaking Underground Storage Tank Database

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## LUST REG 4: Underground Storage Tank Leak List

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

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

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

## LUST REG 3: Leaking Underground Storage Tank Database

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

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

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

## LUST REG 2: Fuel Leak List

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

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

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

## LUST REG 1: Active Toxic Site Investigation

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

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

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

## LUST: Geotracker's Leaking Underground Fuel Tank Report

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

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

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

## LUST REG 8: Leaking Underground Storage Tanks

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## SLIC: Statewide SLIC Cases

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

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

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

## SLIC REG 1: Active Toxic Site Investigations

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2005  
Date Data Arrived at EDR: 04/05/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

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

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

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

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

### SLIC REG 6L: SLIC Sites

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

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

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

### SLIC REG 7: SLIC List

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

Date of Government Version: 11/24/2004  
Date Data Arrived at EDR: 11/29/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

### SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 04/03/2008  
Date Data Arrived at EDR: 04/03/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

### SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: Annually

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 05/05/2011	Source: EPA Region 1
Date Data Arrived at EDR: 08/02/2011	Telephone: 617-918-1313
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/02/2011
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

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

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

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

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-6597
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

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

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

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

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

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

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

## AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-341-5712
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 07/08/2011
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/24/2011
	Data Release Frequency: Quarterly

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

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

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

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

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

Date of Government Version: 08/04/2011	Source: EPA Region 9
Date Data Arrived at EDR: 08/05/2011	Telephone: 415-972-3368
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 39	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6137
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Quarterly

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 06/01/2011	Telephone: 913-551-7003
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/02/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: Semi-Annually

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/01/2011  
Date Data Arrived at EDR: 08/26/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 18

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

## INDIAN UST R4: Underground Storage Tanks on Indian Land

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

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

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

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

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

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

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: Varies

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

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

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

### VCP: Voluntary Cleanup Program Properties

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

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

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 07/05/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Varies

## ADDITIONAL ENVIRONMENTAL RECORDS

### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

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

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

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: Semi-Annually

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

#### ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

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

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

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WMUDS/SWAT: Waste Management Unit Database

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

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

## SWRCY: Recycler Database

A listing of recycling facilities in California.

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

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

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

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

Location of open dumps on Indian land.

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

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

### US CDL: Clandestine Drug Labs

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

Date of Government Version: 04/08/2011	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/16/2011	Telephone: 202-307-1000
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/07/2011
Number of Days to Update: 89	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: Quarterly

### HIST CAL-SITES: Calsites Database

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## SCH: School Property Evaluation Program

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

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

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

## TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

## CDL: Clandestine Drug Labs

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

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

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Varies

## US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 11/19/2008  
Date Made Active in Reports: 03/30/2009  
Number of Days to Update: 131

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

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

### CA FID UST: Facility Inventory Database

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 09/06/2011
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: Annually

## HIST UST: Hazardous Substance Storage Container Database

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

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

## SWEEPS UST: SWEEPS UST Listing

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

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

## Local Land Records

### LIENS 2: CERCLA Lien Information

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

Date of Government Version: 05/05/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/11/2011	Telephone: 202-564-6023
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/12/2011
Number of Days to Update: 125	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

### LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/11/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/05/2011
	Data Release Frequency: Varies

### LIENS: Environmental Liens Listing

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

Date of Government Version: 06/28/2011	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/29/2011	Telephone: 916-323-3400
Date Made Active in Reports: 07/08/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DEED: Deed Restriction Listing

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

Date of Government Version: 06/13/2011	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/14/2011	Telephone: 916-323-3400
Date Made Active in Reports: 07/15/2011	Last EDR Contact: 09/13/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 04/05/2011	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/05/2011	Telephone: 202-366-4555
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 07/05/2011
Number of Days to Update: 161	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Annually

### CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2010	Source: Office of Emergency Services
Date Data Arrived at EDR: 05/03/2011	Telephone: 916-845-8400
Date Made Active in Reports: 06/15/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

### LDS: Land Disposal Sites Listing

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

Date of Government Version: 08/09/2011	Source: State Water Quality Control Board
Date Data Arrived at EDR: 08/11/2011	Telephone: 866-480-1028
Date Made Active in Reports: 09/12/2011	Last EDR Contact: 09/20/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

### MCS: Military Cleanup Sites Listing

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

Date of Government Version: 08/09/2011	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/11/2011	Telephone: 866-480-1028
Date Made Active in Reports: 09/12/2011	Last EDR Contact: 09/20/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

## **Other Ascertainable Records**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 06/15/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/07/2011	Telephone: (415) 495-8895
Date Made Active in Reports: 08/08/2011	Last EDR Contact: 07/07/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Varies

## DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/12/2011	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/11/2011	Telephone: 202-366-4595
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 08/09/2011
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/21/2011
	Data Release Frequency: Varies

## DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/22/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Semi-Annually

## FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2009	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 09/12/2011
Number of Days to Update: 112	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Varies

## CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2010	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 04/05/2011	Telephone: Varies
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/01/2011
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/17/2011
	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: 05/31/2011	Source: EPA
Date Data Arrived at EDR: 06/15/2011	Telephone: 703-416-0223
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/14/2011
Number of Days to Update: 90	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UMTRA: Uranium Mill Tailings Sites

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

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

## MINES: Mines Master Index File

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

Date of Government Version: 05/06/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/08/2011
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: Semi-Annually

## TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/17/2010	Telephone: 202-566-0250
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 09/01/2011
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/12/2011
	Data Release Frequency: Annually

## TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 09/27/2011
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: Every 4 Years

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

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

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

## SSTS: Section 7 Tracking Systems

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

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

## ICIS: Integrated Compliance Information System

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

Date of Government Version: 01/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/21/2011	Telephone: 202-564-5088
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 09/26/2011
Number of Days to Update: 59	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/22/2011
Number of Days to Update: 98	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MLTS: Material Licensing Tracking System

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

Date of Government Version: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 60	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Quarterly

## RADINFO: Radiation Information Database

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

Date of Government Version: 01/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/13/2011	Telephone: 202-343-9775
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/12/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/24/2011
	Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 04/14/2010	Source: EPA
Date Data Arrived at EDR: 04/16/2010	Telephone: (415) 947-8000
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 09/13/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Quarterly

## RAATS: RCRA Administrative Action Tracking System

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

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

## BRS: Biennial Reporting System

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

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

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

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

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

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/24/2011  
Date Data Arrived at EDR: 05/24/2011  
Date Made Active in Reports: 06/15/2011  
Number of Days to Update: 22

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 08/24/2011  
Next Scheduled EDR Contact: 12/05/2011  
Data Release Frequency: Quarterly

## CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

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

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Quarterly

## HIST CORTESE: Hazardous Waste & Substance Site List

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

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

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

## NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993  
Date Data Arrived at EDR: 11/01/1993  
Date Made Active in Reports: 11/19/1993  
Number of Days to Update: 18

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DRYCLEANERS: Cleaner Facilities

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

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

## WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 07/01/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Varies

## HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2010	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/19/2011	Telephone: 916-255-1136
Date Made Active in Reports: 08/16/2011	Last EDR Contact: 07/19/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Annually

## EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2008	Source: California Air Resources Board
Date Data Arrived at EDR: 09/29/2010	Telephone: 916-322-2990
Date Made Active in Reports: 10/18/2010	Last EDR Contact: 06/30/2011
Number of Days to Update: 19	Next Scheduled EDR Contact: 10/10/2011
	Data Release Frequency: Varies

## INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/22/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Semi-Annually

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 07/15/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/07/2011
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/01/2011  
Date Data Arrived at EDR: 06/21/2011  
Date Made Active in Reports: 07/15/2011  
Number of Days to Update: 24

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 09/20/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: Quarterly

## MWMP: Medical Waste Management Program Listing

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

Date of Government Version: 06/09/2011  
Date Data Arrived at EDR: 06/16/2011  
Date Made Active in Reports: 07/15/2011  
Number of Days to Update: 29

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Varies

## COAL ASH DOE: Sleam-Electric Plan Operation Data

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: Varies

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

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

Date of Government Version: 08/17/2010  
Date Data Arrived at EDR: 01/03/2011  
Date Made Active in Reports: 03/21/2011  
Number of Days to Update: 77

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 09/16/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Varies

## HWT: Registered Hazardous Waste Transporter Database

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

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

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 07/19/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: Quarterly

## HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 08/09/2010  
Date Data Arrived at EDR: 08/11/2010  
Date Made Active in Reports: 08/20/2010  
Number of Days to Update: 9

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 09/01/2011  
Next Scheduled EDR Contact: 12/12/2011  
Data Release Frequency: Quarterly

## FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/15/2011  
Date Data Arrived at EDR: 03/16/2011  
Date Made Active in Reports: 04/26/2011  
Number of Days to Update: 41

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 09/14/2011  
Next Scheduled EDR Contact: 12/05/2011  
Data Release Frequency: Varies

## FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007  
Date Data Arrived at EDR: 06/01/2007  
Date Made Active in Reports: 06/29/2007  
Number of Days to Update: 28

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 08/05/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: Varies

## FEDLAND: Federal and Indian Lands

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

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

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 07/22/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: N/A

## PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 01/01/2008  
Date Data Arrived at EDR: 02/18/2009  
Date Made Active in Reports: 05/29/2009  
Number of Days to Update: 100

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 08/05/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: Varies

## EDR PROPRIETARY RECORDS

### *EDR Proprietary Records*

#### Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

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

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

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### Contaminated Sites

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

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

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Semi-Annually

#### Underground Tanks

Underground storage tank sites located in Alameda county.

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

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Semi-Annually

### BUTTE COUNTY:

#### CUPA Facility Listing

Cupa facility list.

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

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: Varies

### COLUSA COUNTY:

#### CUPA Facility List

Cupa facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: Varies

## CONTRA COSTA COUNTY:

### Site List

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

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

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

## EL DORADO COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 03/28/2011  
Date Data Arrived at EDR: 05/13/2011  
Date Made Active in Reports: 06/15/2011  
Number of Days to Update: 33

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

## FRESNO COUNTY:

### CUPA Resources List

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

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

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: Semi-Annually

## HUMBOLDT COUNTY:

### CUPA Facility List

CUPA facility list.

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

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 09/27/2011  
Next Scheduled EDR Contact: 12/12/2011  
Data Release Frequency: Varies

## INYO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

Cupa facility list.

Date of Government Version: 06/13/2011  
Date Data Arrived at EDR: 06/14/2011  
Date Made Active in Reports: 07/19/2011  
Number of Days to Update: 35

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/12/2011  
Data Release Frequency: Varies

## KERN COUNTY:

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

Date of Government Version: 08/31/2010  
Date Data Arrived at EDR: 09/01/2010  
Date Made Active in Reports: 09/30/2010  
Number of Days to Update: 29

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 09/13/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: Quarterly

## KINGS COUNTY:

### CUPA Facility List

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

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

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 12/12/2011  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### San Gabriel Valley Areas of Concern

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

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: No Update Planned

### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/31/2011  
Date Data Arrived at EDR: 06/09/2011  
Date Made Active in Reports: 06/15/2011  
Number of Days to Update: 6

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: Semi-Annually

### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/25/2011  
Date Data Arrived at EDR: 07/27/2011  
Date Made Active in Reports: 08/11/2011  
Number of Days to Update: 15

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 07/27/2011  
Next Scheduled EDR Contact: 11/07/2011  
Data Release Frequency: Varies

## City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009  
Date Data Arrived at EDR: 03/10/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 29

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 08/23/2011  
Next Scheduled EDR Contact: 12/05/2011  
Data Release Frequency: Varies

## Site Mitigation List

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

Date of Government Version: 02/09/2011  
Date Data Arrived at EDR: 02/09/2011  
Date Made Active in Reports: 03/04/2011  
Number of Days to Update: 23

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 07/22/2011  
Next Scheduled EDR Contact: 11/07/2011  
Data Release Frequency: Annually

## City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/03/2011  
Date Data Arrived at EDR: 02/08/2011  
Date Made Active in Reports: 03/03/2011  
Number of Days to Update: 23

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 07/25/2011  
Next Scheduled EDR Contact: 11/07/2011  
Data Release Frequency: Semi-Annually

## City of Long Beach Underground Storage Tank

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

Date of Government Version: 03/28/2003  
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: 05/02/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: Annually

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/18/2011  
Date Data Arrived at EDR: 07/21/2011  
Date Made Active in Reports: 08/11/2011  
Number of Days to Update: 21

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: Semi-Annually

## MADERA COUNTY:

### CUPA Facility List

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/07/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 07/08/2011  
Number of Days to Update: 30

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

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

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

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Last EDR Contact: 07/11/2011  
Next Scheduled EDR Contact: 10/24/2011  
Data Release Frequency: Semi-Annually

## MERCED COUNTY:

### CUPA Facility List

CUPA facility list.

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

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

## MONTEREY COUNTY:

### CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

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

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

## NAPA COUNTY:

### Sites With Reported Contamination

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

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

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

### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008  
Date Data Arrived at EDR: 01/16/2008  
Date Made Active in Reports: 02/08/2008  
Number of Days to Update: 23

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

## NEVADA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

CUPA facility list.

Date of Government Version: 08/22/2011  
Date Data Arrived at EDR: 08/23/2011  
Date Made Active in Reports: 09/19/2011  
Number of Days to Update: 27

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 08/22/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: Varies

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2011  
Date Data Arrived at EDR: 08/23/2011  
Date Made Active in Reports: 09/19/2011  
Number of Days to Update: 27

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/17/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: Annually

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/05/2011  
Date Data Arrived at EDR: 05/20/2011  
Date Made Active in Reports: 06/15/2011  
Number of Days to Update: 26

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/17/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: Quarterly

### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2011  
Date Data Arrived at EDR: 08/23/2011  
Date Made Active in Reports: 09/16/2011  
Number of Days to Update: 24

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/17/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/20/2011  
Date Data Arrived at EDR: 06/21/2011  
Date Made Active in Reports: 07/08/2011  
Number of Days to Update: 17

Source: Placer County Health and Human Services  
Telephone: 530-889-7312  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

## RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/14/2011  
Date Data Arrived at EDR: 07/22/2011  
Date Made Active in Reports: 08/11/2011  
Number of Days to Update: 20

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

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

## SACRAMENTO COUNTY:

### Toxic Site Clean-Up List

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

Date of Government Version: 05/02/2011	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 07/19/2011	Telephone: 916-875-8406
Date Made Active in Reports: 08/11/2011	Last EDR Contact: 07/08/2011
Number of Days to Update: 23	Next Scheduled EDR Contact: 10/24/2011
	Data Release Frequency: Quarterly

### Master Hazardous Materials Facility List

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

Date of Government Version: 05/02/2011	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 07/19/2011	Telephone: 916-875-8406
Date Made Active in Reports: 08/11/2011	Last EDR Contact: 07/08/2011
Number of Days to Update: 23	Next Scheduled EDR Contact: 10/24/2011
	Data Release Frequency: Quarterly

## SAN BERNARDINO COUNTY:

### Hazardous Material Permits

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

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

## SAN DIEGO COUNTY:

### Hazardous Materials Management Division Database

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

Date of Government Version: 09/09/2010	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 09/15/2010	Telephone: 619-338-2268
Date Made Active in Reports: 09/29/2010	Last EDR Contact: 09/16/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Solid Waste Facilities

San Diego County Solid Waste Facilities.

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

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: Varies

## Environmental Case Listing

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

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

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### Local Oversight Facilities

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

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

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

### Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

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

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

## SAN JOAQUIN COUNTY:

### San Joaquin Co. UST

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

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

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

## SAN LUIS OBISPO COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 05/31/2011  
Date Data Arrived at EDR: 05/31/2011  
Date Made Active in Reports: 07/08/2011  
Number of Days to Update: 38

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

## SAN MATEO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Business Inventory

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

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

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

## Fuel Leak List

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

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

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

## SANTA BARBARA COUNTY:

### CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 11/22/2010  
Date Data Arrived at EDR: 03/03/2011  
Date Made Active in Reports: 03/24/2011  
Number of Days to Update: 21

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 08/31/2011  
Next Scheduled EDR Contact: 12/12/2011  
Data Release Frequency: Varies

## SANTA CLARA COUNTY:

### HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### LOP Listing

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

Date of Government Version: 07/20/2011  
Date Data Arrived at EDR: 08/11/2011  
Date Made Active in Reports: 09/09/2011  
Number of Days to Update: 29

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

### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/31/2009  
Date Data Arrived at EDR: 08/31/2009  
Date Made Active in Reports: 09/18/2009  
Number of Days to Update: 18

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

## SANTA CRUZ COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

CUPA facility listing.

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

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

## SHASTA COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/31/2011  
Date Data Arrived at EDR: 08/31/2011  
Date Made Active in Reports: 09/19/2011  
Number of Days to Update: 9

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

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

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

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

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

### Underground Storage Tanks

Underground storage tank sites located in Solano county.

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

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

## SONOMA COUNTY:

### Leaking Underground Storage Tank Sites

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

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

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 07/05/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## VENTURA COUNTY:

### Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

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

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

### Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 04/01/2011  
Date Data Arrived at EDR: 04/07/2011  
Date Made Active in Reports: 05/12/2011  
Number of Days to Update: 35

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 08/22/2011  
Next Scheduled EDR Contact: 10/24/2011  
Data Release Frequency: Annually

### Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

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

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

### Medical Waste Program List

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

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

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

### Underground Tank Closed Sites List

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

Date of Government Version: 05/25/2011  
Date Data Arrived at EDR: 06/21/2011  
Date Made Active in Reports: 07/13/2011  
Number of Days to Update: 22

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 09/20/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: Quarterly

## YOLO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 08/15/2011	Source: Yolo County Department of Health
Date Data Arrived at EDR: 08/23/2011	Telephone: 530-666-8646
Date Made Active in Reports: 09/16/2011	Last EDR Contact: 09/26/2011
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/23/2011	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 08/26/2011	Telephone: 530-749-7523
Date Made Active in Reports: 09/19/2011	Last EDR Contact: 08/08/2011
Number of Days to Update: 24	Next Scheduled EDR Contact: 11/21/2011
	Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

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

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

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

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 08/01/2011	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/09/2011	Telephone: 518-402-8651
Date Made Active in Reports: 09/16/2011	Last EDR Contact: 08/09/2011
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/21/2011
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

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

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

### RI MANIFEST: Manifest information

Hazardous waste manifest information

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

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

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

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

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

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

### Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### **STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

WDG CP MARATHON SOLAR SITE  
APNS 0449-172-75 & 0449-631-02  
LUCERNE VALLEY, CA 92356

### TARGET PROPERTY COORDINATES

Latitude (North): 34.40730 - 34° 24' 26.3"  
Longitude (West): 116.8628 - 116° 51' 46.1"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 512609.6  
UTM Y (Meters): 3807131.0  
Elevation: 3300 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map: 34116-D7 COUGAR BUTTES, CA  
Most Recent Revision: 1994  
  
West Map: 34116-D8 LUCERNE VALLEY, 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

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

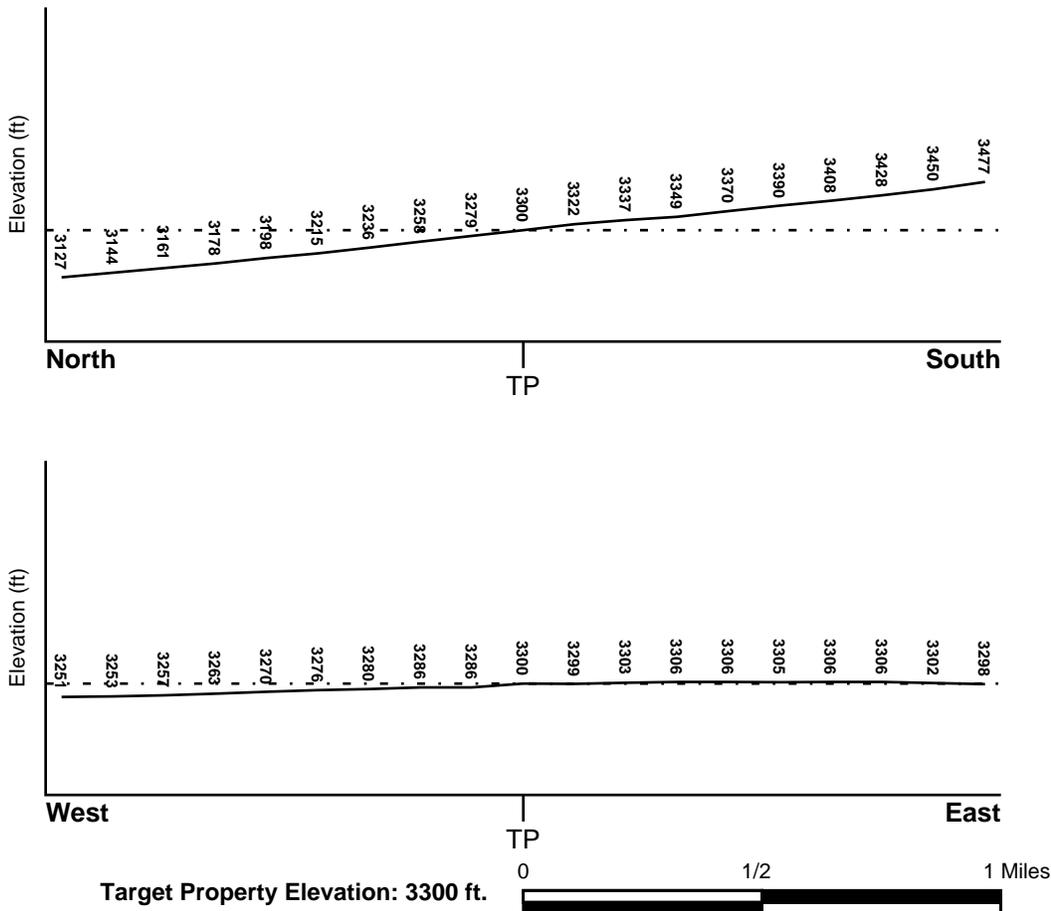
## TOPOGRAPHIC INFORMATION

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

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

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

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

## FEMA FLOOD ZONE

Target Property County  
SAN BERNARDINO, CA

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

Flood Plain Panel at Target Property: 06071C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

## NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
COUGAR BUTTES

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

## HYDROGEOLOGIC INFORMATION

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

### *Site-Specific Hydrogeological Data\*:*

Search Radius: 1.25 miles  
Status: Not found

## AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### **ROCK STRATIGRAPHIC UNIT**

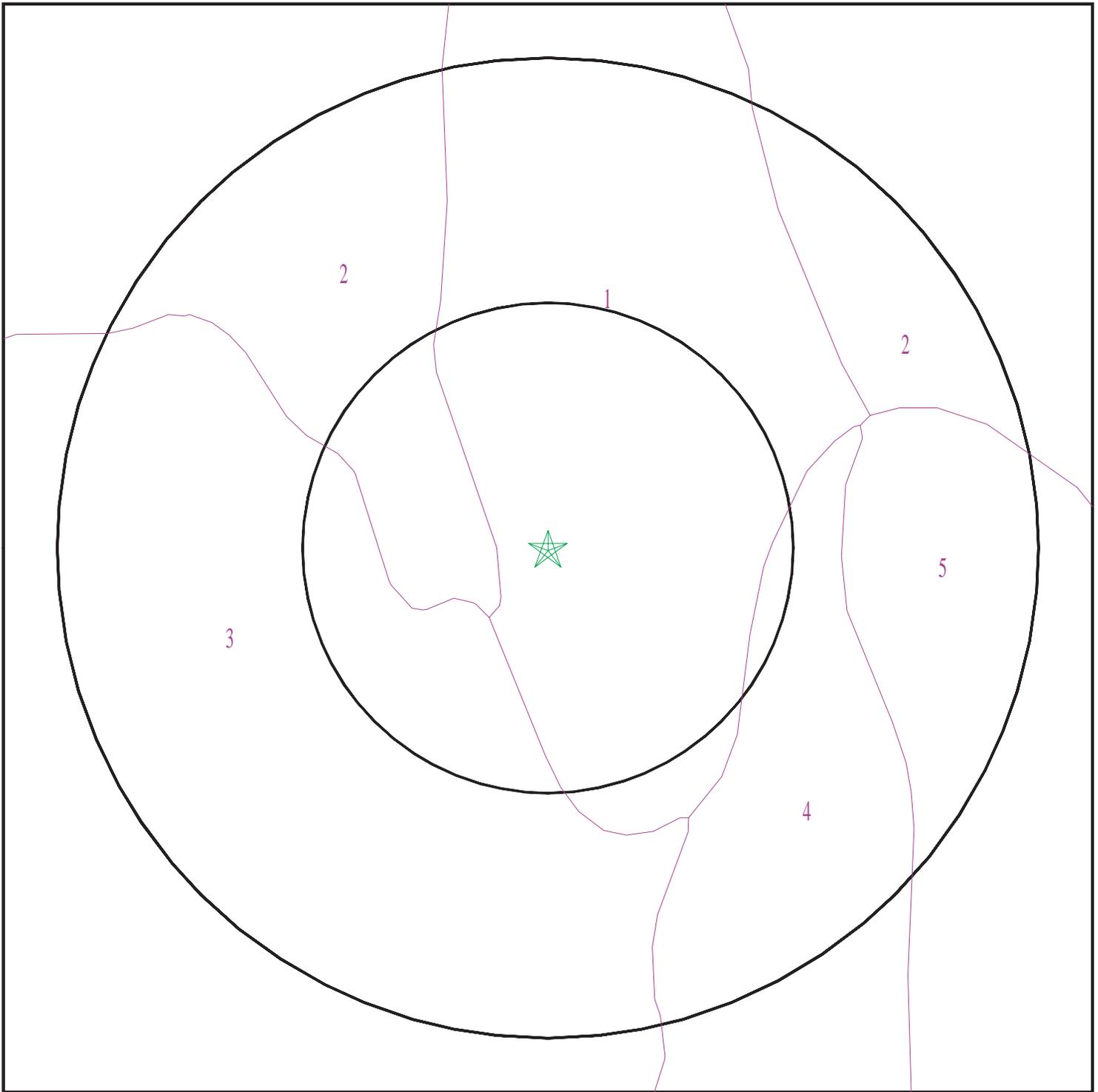
Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

# SSURGO SOIL MAP - 3174581.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: WDG CP Marathon Solar Site  
ADDRESS: Apts 0449-172-75 & 0449-631-02  
Lucerne Valley CA 92356  
LAT/LONG: 34.4073 / 116.8628

CLIENT: URS Corporation  
CONTACT: Tricia Winterbauer  
INQUIRY #: 3174581.2s  
DATE: September 27, 2011 3:32 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

### Soil Map ID: 1

Soil Component Name: KIMBERLINA

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches		Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	7 inches	51 inches		Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.9
3	51 inches	59 inches		Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.9

### Soil Map ID: 2

Soil Component Name: Cajon

Soil Surface Texture: sand

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

Soil Drainage Class: Somewhat excessively drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	5 inches	25 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
3	25 inches	59 inches	stratified gravelly sand to sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

### Soil Map ID: 3

Soil Component Name: ARIZO

Soil Surface Texture:

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

Soil Drainage Class: Excessively drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches		Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 7.4
2	14 inches	59 inches		Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 7.4

### Soil Map ID: 4

Soil Component Name: CAJON

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

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches		Not reported	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	7 inches	59 inches		Not reported	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 7.4

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 5**

Soil Component Name: Trigger

Soil Surface Texture: gravelly loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 30 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	gravelly loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 14 Min: 1.4	Max: Min:
2	11 inches	16 inches	unweathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 14 Min: 1.4	Max: Min:

**LOCAL / REGIONAL WATER AGENCY RECORDS**

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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	USGS3108151	1/2 - 1 Mile SSE
B4	USGS3108154	1/2 - 1 Mile SSE
C5	USGS3108165	1/2 - 1 Mile WNW
7	USGS3108166	1/2 - 1 Mile WNW

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

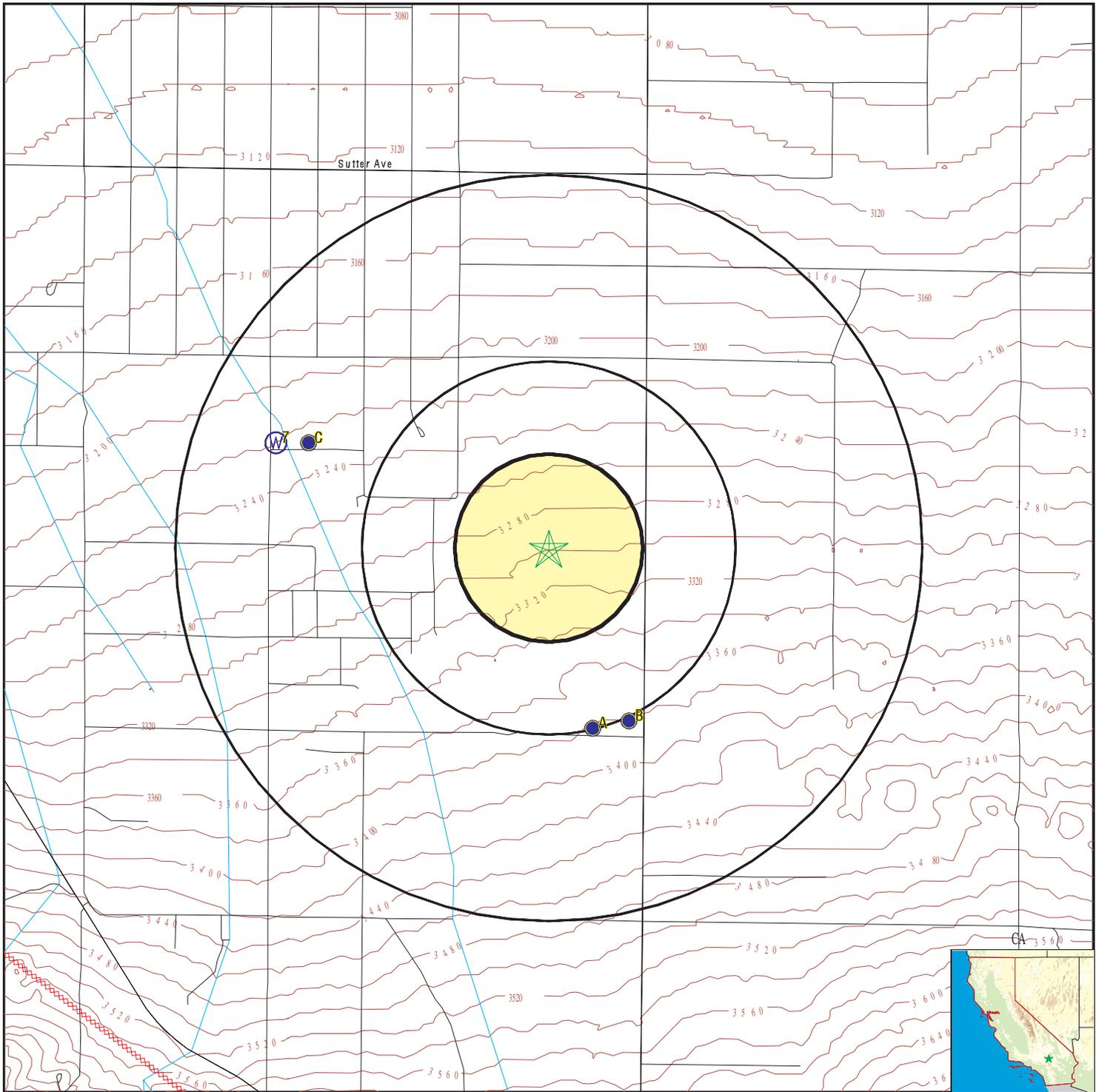
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

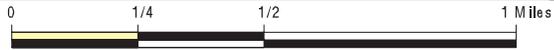
## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	CADW40000008200	1/4 - 1/2 Mile South
B2	CADW40000008206	1/4 - 1/2 Mile SSE
C6	CADW40000008347	1/2 - 1 Mile WNW

# PHYSICAL SETTING SOURCE MAP - 3174581.2s



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



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



SITE NAME: WDG CP Marathon Solar Site  
 ADDRESS: Apts 0449-172-75 & 0449-631-02  
 Lucerne Valley CA 92356  
 LAT/LONG: 34.4073 / 116.8628

CLIENT: URS Corporation  
 CONTACT: Tricia Winterbauer  
 INQUIRY #: 3174581.2s  
 DATE: September 27, 2011 3:32 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**  
**South**  
**1/4 - 1/2 Mile**  
**Higher**

**CA WELLS      CADW40000008200**

Longitude:            -116.8603  
Latitude:              34.4003  
Stwellno:             04N01E27R002S  
Districtco:           3  
Welluseco:            Z  
Countyco:            36  
Gwcode:              701900  
Site id:                CADW40000008200

**B2**  
**SSE**  
**1/4 - 1/2 Mile**  
**Higher**

**CA WELLS      CADW40000008206**

Longitude:            -116.8586  
Latitude:              34.4006  
Stwellno:             04N01E27R001S  
Districtco:           3  
Welluseco:            Z  
Countyco:            36  
Gwcode:              701900  
Site id:                CADW40000008206

**A3**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS3108151**

Agency cd:	USGS	Site no:	342401116513401
Site name:	004N001E27R002S		
Latitude:	342401	EDR Site id:	USGS3108151
Longitude:	1165134	Dec lat:	34.40027956
Dec lon:	-116.86030918	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	071
Country:	US	Land net:	Not Reported
Location map:	COUGAR BUTTES	Map scale:	24000
Altitude:	3381		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Mojave. California. Area = 8700 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19940705	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:	200	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	470649728		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0	Water quality data begin date: 1995-04-12
Water quality data end date: 1995-04-12	Water quality data count: 1
Ground water data begin date: 1994-07-01	Ground water data end date: 1994-07-01
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1994-07-01	153.33	

**B4  
SSE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS3108154**

Agency cd: USGS	Site no: 342407116513501
Site name: 004N001E27R001S	
Latitude: 342402	EDR Site id: USGS3108154
Longitude: 1165131	Dec lat: 34.40055556
Dec lon: -116.85861111	Coor meth: G
Coor accr: S	Latlong datum: NAD83
Dec latlong datum: NAD83	District: 06
State: 06	County: 071
Country: US	Land net: Not Reported
Location map: COUGAR BUTTES	Map scale: 24000
Altitude: 3380	
Altitude method: Interpolated from topographic map	
Altitude accuracy: 10	
Altitude datum: National Geodetic Vertical Datum of 1929	
Hydrologic: Southern Mojave. California. Area = 8700 sq.mi.	
Topographic: Alluvial fan	
Site type: Ground-water other than Spring	Date construction: 1946
Date inventoried: 20040304	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: 149	Hole depth: Not Reported
Source of depth data: Not Reported	
Project number: 967749700	
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 1954-03-18	Ground water data end date: 2004-03-04
Ground water data count: 2	

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----					
2004-03-04	142.56		1954-03-18	124.27	

**C5  
WNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS3108165**

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	342441116522201
Site name:	004N001E27D001S	EDR Site id:	USGS3108165
Latitude:	342441	Dec lat:	34.41139024
Longitude:	1165222	Coor meth:	M
Dec lon:	-116.87364311	Latlong datum:	NAD27
Coor accr:	F	District:	06
Dec latlong datum:	NAD83	County:	071
State:	06	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	COUGAR BUTTES		
Altitude:	3225		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Mojave. California. Area = 8700 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19900212
Date inventoried:	19941011	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:	425	Hole depth:	555
Source of depth data:	other reported		
Project number:	470649728		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1994-10-07	Ground water data end date:	1996-04-16
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----	-----	-----	-----	-----	-----
1996-04-16	245.40		1994-10-07	248.15	

**C6**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADW4000008347**

Longitude:	-116.8736
Latitude:	34.4114
Stwellno:	04N01E27D001S
Districtco:	3
Welluseco:	Z
Countyco:	36
Gwcode:	701900
Site id:	CADW4000008347

**7**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS3108166**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	342441116522902
Site name:	004N001E27D002S		
Latitude:	342441	EDR Site id:	USGS3108166
Longitude:	1165229	Dec lat:	34.41139024
Dec lon:	-116.87558763	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	071
Country:	US	Land net:	Not Reported
Location map:	COUGAR BUTTES	Map scale:	24000
Altitude:	3225		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Mojave. California. Area = 8700 sq.mi.		
Topographic:	Alluvial fan		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19950606	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:	470649728		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1995-06-06
Water quality data end date:	1995-06-06	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92356	5	3

Federal EPA Radon Zone for SAN BERNARDINO 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 SAN BERNARDINO COUNTY, CA

Number of sites tested: 18

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.678 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

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

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

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

### SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

#### California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## OTHER STATE DATABASE INFORMATION

#### California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

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

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

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

### STREET AND ADDRESS INFORMATION

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**

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**APPENDIX E  
EDR ENVIRONMENTAL LIEN REPORT**



**WDG CP Marathon Solar Site**

Apns 0449-172-75 & 0449-631-02  
Lucerne Valley, CA 92356

Inquiry Number: 3174581.7  
September 29, 2011

# 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

Apns 0449-172-75 & 0449-631-02  
WDG CP Marathon Solar Site  
Lucerne Valley, CA 92356

### RESEARCH SOURCE

#### Source 1:

San Bernardino county recorder  
San Bernardino, CA

### PROPERTY INFORMATION

#### Deed 1:

Type of Deed: Deed  
Title is vested in: Helene F Kalyn & Louis F Entin  
Title received from: Arthur Jack Entin Trustee  
Deed Dated: 11/24/1995  
Deed Recorded: 12/29/1995  
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:** Helene F Kalyn & Louis F Entin

**Property Identifiers:** 0449-172-75, 0449-631-02

**Comments:** see exhibit

### ENVIRONMENTAL LIEN

Environmental Lien: Found  Not Found

### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found  Not Found

## **Deed Exhibit 1**

RECORDING REQUESTED BY

*J.S. attorney*

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

Helene F. Kalyn  
10448 Des Moines Avenue  
Northridge, CA 91326

Recorded in Official Records, County of San Bernardino, Errol J. Mackzum, Recorder

17.00

Doc No. 19950448371  
08:43am 12/29/95

005 1048989 01 05

PG	FEE	APF	GIMS	PH CPY	CRT CPY	ADD NM	PEN PR	PCOR
1	7							
		10	5				6	U
NON ST	LN	SVY	CIT-CO	TRANS TAX	NO FEE	CHRG	EXAM	

# QUITCLAIM DEED

THE UNDERSIGNED GRANTOR(S) DECLARE(S)

DOCUMENTARY TRANSFER TAX is \$ -0- CITY TAX \$ \_\_\_\_\_

- computed on full value of property conveyed, or
  - computed on full value less of liens or encumbrances remaining at time of sale,
  - Unincorporated area:  City of \_\_\_\_\_
- Parcel No. 449-631-02 and 449-172-75, and

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, Arthur Jack Entin, successor trustee of the testamentary trust established under the Will of Oscar L. Entin, deceased (P485830) per Court Order recorded August 12, 1969, in Book 7284, Pages 658-667 of Official Records in the office of the County Recorder of San Bernardino County,

hereby remises, releases and forever quitclaims to **HELENE F. KALYN**, a married women, as her sole and separate property, as to a one-half undivided interest, and **LOUIS F. ENTIN**, a married man, as his sole and separate property, as to a one-half undivided interest

the undersigned's entire interest in the following described real property in the County of San Bernardino, State of California:

The north 1/2 of the southeast 1/4 and the south 1/2 of the northeast 1/4 of Section 27, Township 4 North, Range 1 East, San Bernardino Base and Meridian.

\*This conveyance is pursuant to termination of a trust and for distribution of the property to the beneficiaries of the trust and is given for no consideration.

Dated: NOVEMBER 24, 1995

*Arthur Jack Entin*  
ARTHUR JACK ENTIN, as trustee of the Testamentary Trust established under the Will of Oscar L. Entin, deceased (P485830)

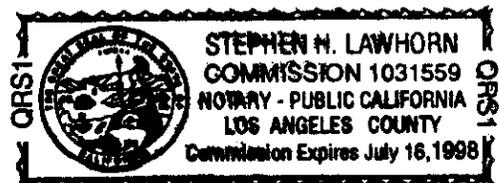
STATE OF CALIFORNIA  
COUNTY OF LOS ANGELES SS.

On NOVEMBER 24, 1995 before me, \_\_\_\_\_  
STEPHEN H. LAWHORN  
personally appeared **ARTHUR JACK ENTIN**

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 *Stephen H. Lawhorn*





**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
MARATHON SOLAR SITE**

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**APPENDIX F  
AAI USER QUESTIONNAIRE**





**AAI Questionnaire  
WDG CP Phase I ESA Project  
San Bernadino County, CA  
October, 2011**

**Marathon Project Site**

In accordance with ASTM 1527-05 and in order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, the user (client or client representative) must provide the following information (if available) to the *environmental professional* (URS). Failure to provide this information could result in a determination that “*all appropriate inquiry*” (AAI) is not complete.

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

None

2. Are you aware of any area use limitations (AULs), such as engineering controls, land use restriction or institutional controls that are in place at the property and/or have been filed or recorded in a registry under federal, trial, state or local law?

Reclaimed water detention basin eminent domain in northeast corner of the property.

3. As the *user* of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property, so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Owner the property since 1956

4. Does the purchase price being paid for this property reasonable reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

Yes

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the *environmental professional* to identify conditions indicative of releases or threatened releases?

None



- a. Do you know the past uses of the property?

Vacant

Land squatter along western edge of the property since 2010 and includes some structures and equipment.

- b. Do you know of specific chemicals that are present or once were present at the property?

Propane and other fuel containers and electrical generators.

- c. Do you know of spills or chemical releases that have taken place at the property?

None

- d. Do you know of any environmental cleanups that have taken place at the property?

None

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

None

In addition to the above questions, certain information should be collected, if available, and provided to the *environmental professional*. This information is intended to assist the *environmental professional*, but is not necessarily required to qualify for one of the LLPs.

7. The reason why the ESA is required (i.e. sale, purchase, exchange, etc.).

Sale of Property

8. The complete name, correct address and/or parcel number for the property (a map or other documentation showing property location and boundaries is helpful).

APNs 0449-172-75 and 0449-631-02

9. A description of the property (i.e. acreage, square footage, number of buildings, other structures, age of buildings, above/underground storage tanks, etc.)



One small residential structure, one small storage barn, one small wood shed, abandoned car, several electrical generators, and other small equipment and water containers.

10. Knowledge or previous owners and/or previous uses of the property?

Purchased in 1956.  
Historically vacant.

11. Current or previous deeds?

Gary and Cookie Kayln

12. The site contact name and number.

Gary and Cookie Kayln 818-363-1019

13. Previous reports available? Any other available documentation, correspondence, etc. concerning the environmental condition of the property?

None

---

Completed by: Anthony Schuetze, URS Corporation during phone interview

Date Completed: October 12, 2011



## SITE HISTORY INTERVIEW

Name and title of person interviewed

Gary and Cookie Kayln

Current Owner of the Property

Gary and Cookie Kayln

Past Owners of the Property (give dates)

Purchased in 1956

Current Use of the Property

Vacant

Land squatter along western edge of the property since 2010 and includes some structures and equipment.

Past Use of the Property (give dates)

Vacant

What types of structures are and were historically located on the property? Are there residences? If so is there evidence of a heating oil tank, or septic system?

One small residential structure, one small storage barn, one small wood shed, abandoned car, several electrical generators, and other small equipment and water containers.

Were hazardous materials historically used on the property? What types? (Pesticides, fertilizers, heating oil)

Fuel containers observed in squatter area compound.

Was chemical (pesticide) use or mixing conducted on the property?

None

What types of wastes if any were historically generated on the property? How were they disposed of?

None

What types of wastes are currently generated on the property?

None



Have there been any previous environmental investigations of the property? If so get copies. Are there any reports that describe the geology of the subject property.

None

**Describe Current Condition of Project Site**

Is there evidence of Asbestos, PCBs, mercury, lead based paint issues with any structures needing to be demolished (observation only, no sampling)?

None

Is there evidence of refuse, trash, or evidence of dumping or waste disposal activities?

Some dumping in northeast corner of property, wood, couch, steel, rifle shells. Land squatter along western edge of the property since 2010 and includes some structures and equipment.

Is there evidence of soil staining, vegetation abnormalities, evidence of spills?

None

Have there ever been USTs or ASTs on the subject property. If so, list the type and age of each tank (This would include agricultural tanks)

Several 5 gallon fuel storage containers, one plastic drum with water, one steel tank formerly used for water storage

Are there vaults, utility access points?

None

Evidence of underground utilities/piping?

None

Are any wells located on the property? If so describe type and age.

None

Are any pipelines on the property?

None