

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**FOR THE
ALAMO SOLAR SITE**

SAN BERNARDINO COUNTY, CALIFORNIA

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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 E.ON Climate and Renewables (E.ON) Alamo Solar Site, an approximately 172-acre Project Site and an access road alignment 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 Master Professional Services Agreement dated December 13, 2012, and Purchase Order No. 4500053549/300/8630 dated December 14, 2012 between E.ON 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 include the Project Site which consists of approximately 172 acres of developed and undeveloped land, as well as an access road alignment that extends to the south of the project site and then to the east along Bryman Road. The areas included in this study consist of six parcels of land, Assessor Parcel Numbers (APNs) 0470-021-09, 0470-041-01, 0470-051-14, 0470-051-15 and APN 0470-011-35 (Parcel 1 and 2), and an access road alignment, located west of the intersection of US 66 and Turner Road in Sections 18 and 19, Township 7 North, Range 4 West, and Section 24, Township 7 North, Range 5 West, in an unincorporated area of San Bernardino County. The Project Site is bounded by Bryman Road and Mojave Avenue to the east, Aster Road to the south and undeveloped/agricultural land to the north and south. Turner and Melrose Roads transect the property.

APN 0470-011-35 (Parcel 1) is no longer in the Alamo Solar Project Site area, although it is addressed in this Phase I ESA and is described herein as part of the “property.”

Historical data indicate that the property has remained generally undeveloped or used for agricultural purposes.

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Ranch complexes exist at several locations within the property as described below:

- **0470-021-09.** A ranch complex is located near the southern edge of the parcel, consisting of an abandoned residential structure, two barns, one recreational vehicle, one camping trailer, one garage, and several storage sheds.
- **0470-041-01.** A ranch complex is located near the southeast corner of the parcel consisting of an abandoned residential structure, two barns, a water pump house, two tractor trailers, some farm equipment, a water reservoir, and debris.
- **0470-051-14.** A ranch complex is located in the southwest corner of the parcel. The ranch consists of a residential structure, a mobile home, three associated structures, and scattered debris and equipment.
- **0470-011-35 Parcel 1.** A residential compound area with several structures is located in the southeast corner of the parcel. A ranch complex containing two residential structures, a garage, a mobile home, three barns, and scattered debris and equipment was observed on the eastern portion of the parcel.

The property was not identified on the databases searched by Environmental Data Resources, Inc. (EDR). Three facilities in the site vicinity were identified on the databases searched by EDR. Based on the regulatory status of the facilities, they are 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 E.ON Alamo Solar Site, an approximately 172-acre Project Site and an access road alignment located in an unincorporated area of San Bernardino County, California (property).

APN 0470-011-35 (Parcel 1) is no longer in the Alamo Solar Project Site area, although it is addressed in this Phase I ESA and is described herein as part of the “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

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inquiries be conducted by an environmental professional as specifically defined within the Rule.

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 Master Professional Services Agreement dated December 13, 2012, and Purchase Order No. 4500053549/300/8630 dated December 14, 2012 between E.ON 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.

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- 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 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. J.R. Fisher, owner of APN 0470-041-01, Mr. Ed Hainje owner of APN 0470-021-09, Mr. Martin Vasquez, owner of APNs 0470-051-14 and 0470-051-15, and Mr. Brian Crocker, owner of APN 0470-011-35 to obtain specialized knowledge of site conditions. Mr. Fisher, Mr. Hainje, Mr. Vasquez and Mr. Crocker provided answers to the AAI User Questionnaires. Copies of the AAI User Questionnaires are included in 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 E.ON, 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.

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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 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 west of the intersection of US 66 and Turner Road in an unincorporated area of San Bernardino County. The property consists of Assessor Parcel Numbers [APNs] 0470-021-09, 0470-041-01, 0470-051-14, 0470-051-15 and 0470-011-35 as well as an access road alignment, located in Section 18 and 19, Township 7 North, Range 4 West, and Section 24, Township 7 North, Range 5 West, within the San Bernardino Base and Meridian (U.S. Geological Survey [USGS] Helendale 7.5-minute quadrangle). The Project Site is bounded by Bryman Road and Mojave Avenue to the east, Aster Road to the south and undeveloped/agricultural land to the north and south. Turner Road and Melrose Avenue transect the property.

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 of URS conducted an interview with Mr. Martin Vasquez, owner of APNs 0470-051-14 and 0470-051-15 on February 13, 2012, and Mr. Brian Crocker, owner of APN 0470-011-35 on February 14, 2013 using the *User Questionnaire*, per AAI standards. Mr. Vasquez stated that, to his knowledge, there are no known environmental concerns associated with the property. Mr. Vasquez provided information regarding the history and current conditions of the property. Mr. Vasquez indicated that the property has historically been, and currently consists of agricultural land. Mr. Crocker stated that, to his knowledge, there are no known environmental concerns associated with the property. Mr. Crocker provided information regarding the history and current conditions of the property. Mr. Crocker indicated that the property has historically been, and currently consists of agricultural land. Copies of the *User Questionnaires* are included as Appendix F.

Ms. Tricia Winterbauer of URS conducted an interview with Mr. Ed Hainje owner of APN 0470-021-09, on February 19, 2013 and Mr. JR Fisher owner of APN 0470-041-01, on February 20, 2013 and using the *User Questionnaire*, per AAI standards. Mr. Hainje stated that, to his knowledge, there are no known environmental concerns associated with the property. Mr. Hainje provided information regarding the history and current conditions of the property. Mr. Hainje indicated that the property has historically been, and currently consists of agricultural land. Mr. Hainje reported that he purchased the property in 1999 and prior to that, both parcels were previously farmed together for alfalfa production. Mr. Fisher stated that, to his knowledge, there are no known environmental concerns associated with the property. Mr. Fisher provided information regarding the history and current conditions of the

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property. Mr. Fisher indicated that the property has historically been, and currently consists of agricultural land. Copies of the *User Questionnaires* are included as Appendix F.

2.3 SITE RECONNAISSANCE

On January 18, 2013, 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 undeveloped agriculture land which appears to have not been farmed recently. Ranch complexes exist at several locations within the property.

The following are detailed descriptions of each parcel within the property:

- **0470-021-09.** This parcel consists of former agriculture land. A ranch exists near the southern edge of the parcel, consisting of an abandoned residential structure, two barns, one recreational vehicle, one camping trailer, one garage, and several storage sheds. The recreational vehicle, trailer, and garage were not accessible during our site visit, so no interior inspection was performed. A small structure containing burn material was observed near the ranch area on the eastern edge of the parcel.
- **0470-041-01.** This parcel consists of former agriculture land and a ranch located in the southeast corner of the property. The western half of the northern portion of the parcel is generally overgrown with brush, while the eastern half of the northern portion of the parcel appears recently used for agriculture production.

The southern portion of the parcel is overgrown with brush and appears to have not been used for agriculture production for several years. The previously identified pole-mounted transformer observed during a URS site reconnaissance on October 3, 2011 that was completed as part of a previous Phase I ESA of the property, was observed to have been removed from the property.

A ranch exists near the southeast corner of the parcel, consisting of an abandoned residential structure, two barns, a water pump house, two tractor trailers, some farm equipment, a water reservoir, and debris. The residence and western barn were not accessible during the site visit, so no interior inspection was performed.

- **0470-051-14.** This parcel consists of undeveloped land and a ranch located in the southwest corner of the parcel. The ranch consists of a residential structure, a mobile home, three out structures, and scattered debris and equipment. The residence compound

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was occupied and not accessible during the site visit, so no interior inspection was performed.

- **0470-051-15.** This parcel consists of undeveloped land and contains no structures.
- **0470-011-35 Parcel 1.** This parcel consists of undeveloped land and contains a residential compound area with several structures in the southeast corner of the parcel. The parcel is bisected by a stream channel, with the western side of the stream channel dominated by overgrown brush. A gravel road exists in the northwest corner of the parcel.

The eastern third of the parcel has been developed for residential and former agriculture use. A ranch containing two residential structures, a garage, a mobile home, three barns, and scattered debris and equipment.

- **0470-011-35 Parcel 2.** This parcel consists of undeveloped or former agriculture land and contains a water reservoir and several apparent collapsed out buildings.
- **Access Road Alignment.** The access road consists of undeveloped land with no structures along the north-south oriented section and existing gravel and asphalt paved road along the east-west oriented section.

The property was accessed by vehicle from Aster Road and Melrose Avenue.

2.3.2 Hazardous Substances

Various hazardous substances were observed within the property, consisting of several fuel or chemical containers. Information on storage tanks is discussed in Section 2.3.3, Storage Tanks.

Several 55-gallon drums, 5-gallon propane tanks, a 1-gallon termite killer container and several paint containers, were observed within the ranch complex (APN 0470-041-01). The drums appeared empty and were unlabeled, with the exception of one drum labeled as diesel.

Several drums and 5-gallon and smaller containers of apparent oil were observed within the ranch complex (APN 0470-011-35 Parcel 1).

2.3.3 Storage Tanks

One approximately 20-foot diameter and 40-foot high concrete grain tank was observed adjacent to the western barn (APN 0470-041-01).

One approximately 500-gallon propane tank and several smaller propane and fuel tanks were observed within the ranch complex (APN 0470-021-09).

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One approximately 500-gallon propane tank and several drums were observed within the ranch complex (APN 0470-051-14).

One approximately 5,000 gallon elevated water storage tank was observed adjacent to the older residence (APN 0470-011-35 Parcel 1).

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 observed on the south, east and central portion of the property. Twelve pole-mounted transformers were observed to be located throughout the property generally associated with residential areas. Other equipment, such as capacitors, that may contain PCBs, was not observed on the property.

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

Household trash is generated on the property associated with the residential structures. No other waste disposal was observed on the property during the site reconnaissance.

2.3.6 Drums and Other Chemical Containers

Several drums and 5-gallon and smaller containers were observed on the property during the site reconnaissance within the ranch complexes. The drums appeared empty and several smaller containers appeared to contain fluid. No soil staining or unusual odors were observed associated with these containers.

Approximately 30-50 pound bags of bentonite, fiberglass shingles, plastic cement and stucco were observed in the eastern barn located within the ranch complex (APN 0470-041-01).

2.3.7 Dumping

Debris piles were observed within the ranch complexes during the site reconnaissance. Debris typically consisted of scrap metal, wood, and abandoned farm equipment.

Approximately 75 tires were observed discarded throughout the property.

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

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

Septic systems are reported to exist within ranch areas associated with residential structures.

2.3.9 Pesticide Use

Agricultural chemicals were not observed on the property. However, based on the historical agricultural use of the property, chemical retention in subsurface soils could be of concern. Most agricultural chemicals degrade rapidly in the presence of ultraviolet light from the sun and most newer-formulated chemicals have lower retention time especially at the lower application concentrations directed by regulatory agencies. Based on the historical agricultural use of the property, there is the potential for residual pesticide concentrations in the surface and subsurface soils.

2.3.10 Staining and Discolored Soil

Apparent hydrocarbon impacted vegetation and soil was observed in several locations which formerly contained motors for the self-propelled wheel irrigation system in the southern portion of the parcel 0470-041-01.

2.3.11 Stressed Vegetation

Stressed vegetation was not observed on the property during the site reconnaissance.

2.3.12 Unusual Odors

No unusual odors were detected during the site reconnaissance.

2.3.13 On-site Wells

Twelve water supply wells were observed on the property.

Monitoring 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-containing material (ACM) 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. 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 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

Two suspected fill or vent pipes were observed within the ranch complex (APN 0470-011-35 Parcel 1). The northern feature was reportedly used as a standpipe associated with a water distribution system. The southern feature was reported to be a former propane gas service line.

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/agricultural land
- South: undeveloped/agricultural land
- East: Bryman Road, undeveloped land/agricultural land, railroad tracks
- West: undeveloped land, Mojave River

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: Barstow (1934), Helendale (1956, 1968, and 1993), and Victorville (1956) to provide 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/agricultural land within the Mojave Desert. Several structures, roads, reservoirs and wells are observed on the property. No other features are observed on the property. The Mojave River is observed to the west of the property. The Topeka and Santa Fe Railroad is observed to the east of the property. US Highway 66 is observed to the east of the property. Unimproved roads and residences and wells are located 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 1953, 1968, 1973, 1989, 1994, and 2005 that were provided by EDR (see Appendix C). The following is a summary of the review:

1953 The property appears to be used for agricultural purposes. Several farm-related structures are observed on the southeast corner of APN 0470-021-09. Several farm-related structures are observed on the southeast corner of APN 0470-041-01. Several farm-related structures are observed on the southeast corner of APN 0470-051-14. Several farm-related structures are observed on the southeast corner of APN 0470-011-35 Parcel 1. Several unimproved roads are observed to transect the property. The Mojave River is observed to the west of the property. Several farm-related structures are observed to the south and east of the property. Railroad Tracks are observed to the east of the property. An improved Road (US Highway 66) is observed to the east of

PHASE I ENVIRONMENTAL SITE ASSESSMENT ALAMO SOLAR SITE

the property. The site vicinity appears to be undeveloped or agricultural land with farm-related structures.

- 1968** No significant changes are observed to the property, adjacent properties, or site vicinity.
- 1973** No significant changes are observed to the property, adjacent properties, or site vicinity.
- 1989** No significant changes are observed to the property, adjacent properties, or site vicinity.
- 1994** No significant changes are observed to the property, adjacent properties, or site vicinity.
- 2005** 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 prepared a Phase I ESA for the WDG CP Alamo Solar Site dated December 14, 2011 and Addendum Letter dated January 16, 2012. At the time of the site reconnaissance on October 3, 2011, the property was observed to be approximately 127 acres of undeveloped land. The property consisted of two parcels of land, APNs 0470-021-09 and 0470-041-01. Based on URS' site reconnaissance and review of historical information, the following REC was identified.

- One leaking pole mounted transformer was observed on-site adjacent to the pump house in the southern portion of the property.

According to an email from Wayne Williams, Safety Environmental Specialist for Southern California Edison (SCE), the transformer was removed by SCE crews on December 9, 2011. Based on inspection of the transformers, SCE reported that the transformer had weeped on the sides from the secondary bushing, but did not release any dielectric fluid (mineral oil) to the ground below. While on-site, SCE crews visually inspected the soil around the base of the pole and did not observe any signs of oil. However, there was reportedly no confirmation samples obtained at the time of removal of the transformer.

Based on the information provided by SCE, the issue of the leaking transformer was reported to be closed and no additional investigation was warranted.

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.

APN 0470-021-09 is reportedly vested in Kenneth Edward Hainje.

APN 0470-041-01 is reportedly vested in Jerome R Fisher.

APNs 0470-051-14 and 0470-051-15 are reportedly vested in Martin Vasquez and Elida Vasquez

APN 0470-011-35 is reportedly vested in Brian J Crocker.

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 inspection of the garage located within the ranch complex was not completed due to a locked door (APN 0470-021-09). The current owner reported that the garage is used to house a golf cart, some equipment and tools.

An interior inspection of the residential structure and western barn within the ranch complex was not completed due to a locked door (APN 0470-041-01).

An exterior or interior inspection of the residential structures within the ranch complex was not completed due to a locked door (APN 0470-051-14).

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 Mojave Desert in the Mojave River 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 2,490 to 2,520 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 and the Pinto Fault to the south, the San Andreas Fault to the west, the Garlock Fault to the north and the Basin and Range Province 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 Upper Mojave River Valley Groundwater Basin (UMRVGB), a part of the South Lohantan Basin. The UMRVGB is bounded on the north by basement rock outcrops, on the south by the San Bernardino Mountains, on the east by mountains of Apple Valley, and the west by the Shadow Mountains.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO SOLAR SITE**

The primary water-bearing materials are Pleistocene- and younger alluvial fan deposits. Recharge from the Mojave River to the UMRVGB aquifers may be minor, possibly occurring during episodic storm flows, usually in the winter. During the rest of the year, most of the river is usually dry.

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 100 feet. Groundwater is expected to be located at approximately 30 to 40 feet below ground surface.

**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

Aqua Capital Management at 22680 Bryman Road was identified on the San Bern. Co. Permit database. The facility was reported to be a hazmat handler. The facility status was reported as inactive. No violations were reported. Based on the regulatory status of the facility, it is not anticipated to impact the property.

CSA 42-Wells 1, 2, and 3 at National Trails/Turner Road were identified on the San Bern. Co. Permit database. The facility was reported to be a hazmat handler. The facility status was reported as active. No violations were reported. Based on the regulatory status of the facility, it is not anticipated to impact the property.

Palisades Ranch at 13850 Bryman Road was identified on the UST, HIST UST, FINDS, SWEEPS UST, and HAZNET databases. The facility was reported to have a historical 1,100-gallon diesel underground storage tank (UST). 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.

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[®] 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

Several leaking gasoline-powered motors were previously observed associated with self-propelled wheel irrigation systems in the southern portion of the property. Minor areas of stained soil were observed beneath the motors. Impacted soil should be removed and disposed of in accordance with applicable regulations.

Farmland structures and debris were observed on the property. This debris should be removed from the property and disposed of in accordance with appropriate regulations, prior to any land use changes. Should hazardous materials or impacts to soil from drums or containers be identified on the property during removal of debris, additional investigation would be required.

Hazardous building materials (ACM/LBP) may be present in on-site structures. These structures should be surveyed prior to demolition of any structures. If ACMs and LBP are identified, they should be disposed of during demolition according to appropriate regulations.

Water supply wells are located on the property. If these wells are not planned for future use, they should be properly abandoned in accordance with San Bernardino County regulations for the construction, modification, or destruction and inactivation of water wells.

**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 16 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.



Tricia Winterbauer
Senior Environmental Specialist



David Bernal, PG #5554
Principal Geologist

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO SOLAR SITE**

**SECTION 7.0
REFERENCES**

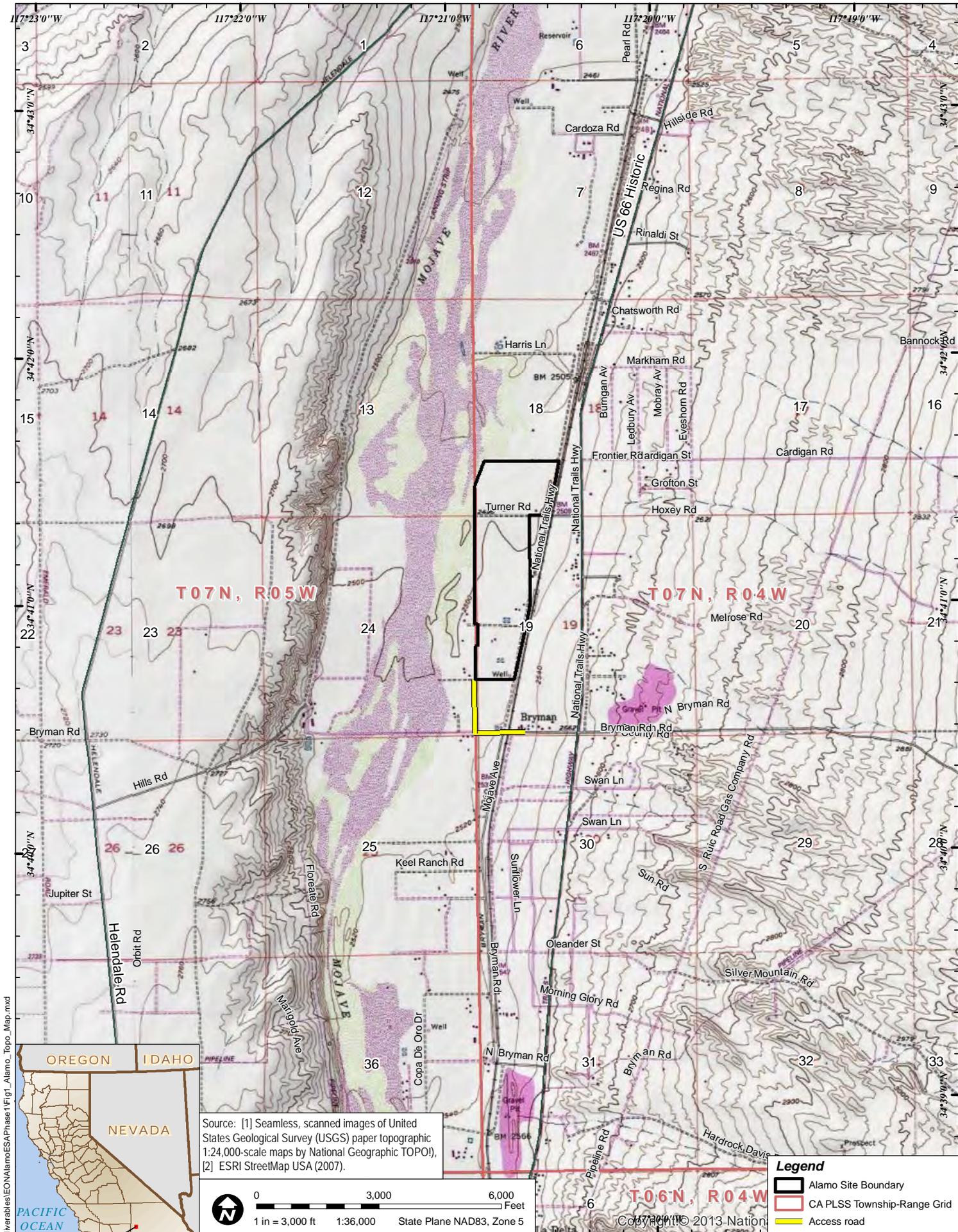
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ALAMO SOLAR SITE

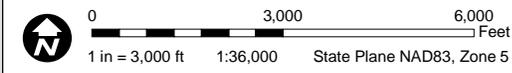
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From the USEPA web page: <http://www.epa.gov/iaq/radon/zonemap.html>. January.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO SOLAR SITE**

FIGURES



Source: [1] Seamless, scanned images of United States Geological Survey (USGS) paper topographic 1:24,000-scale maps by National Geographic TOPOI, [2] ESRI StreetMap USA (2007).



Legend

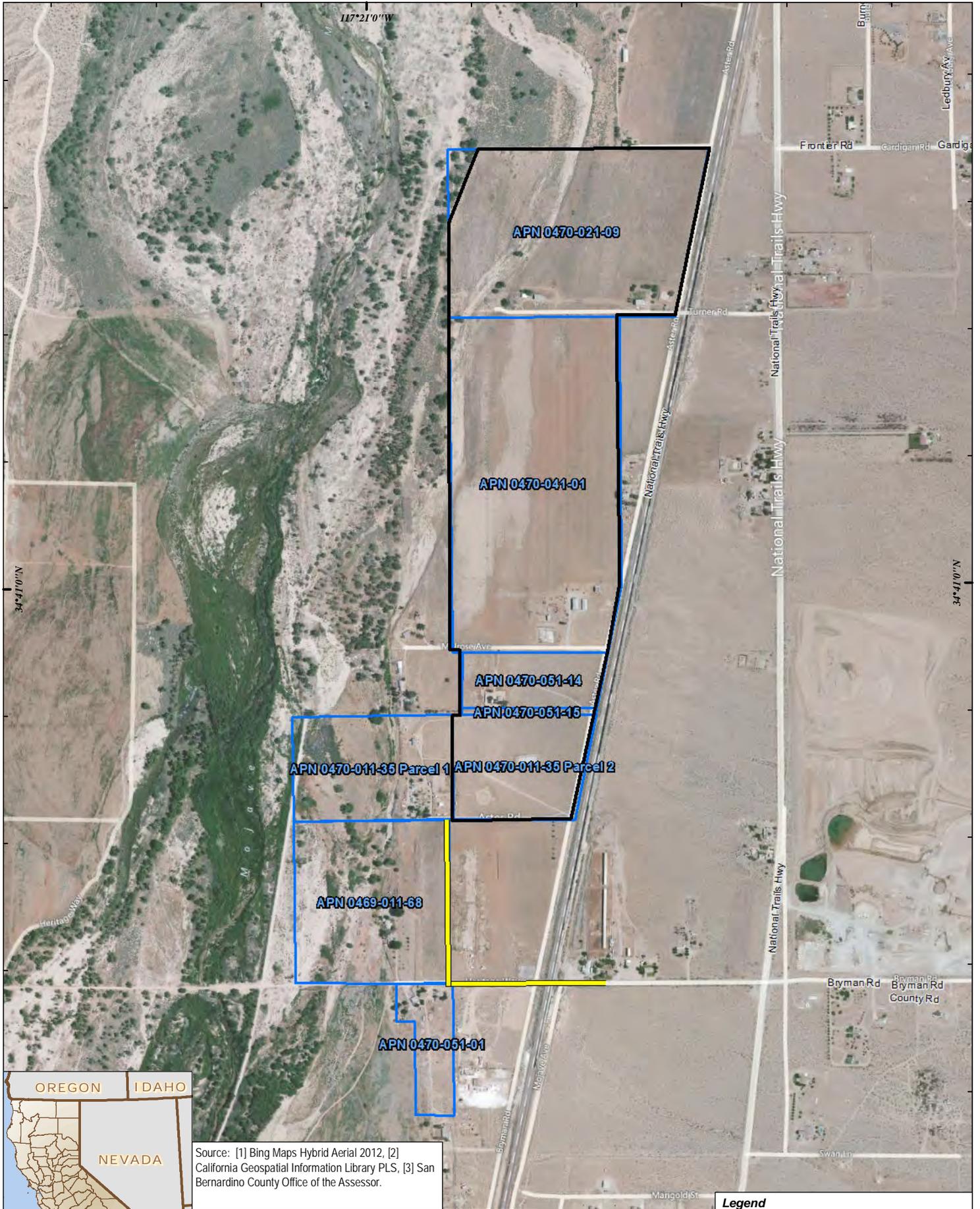
- Alamo Site Boundary
- CA PLSS Township-Range Grid
- Access road



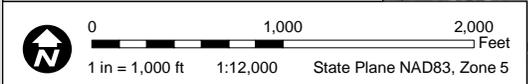
E.ON Climate & Renewables North America
Phase I ESA Alamo Solar Site
San Bernardino County

Figure 1. TOPOGRAPHIC MAP

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Source: [1] Bing Maps Hybrid Aerial 2012, [2] California Geospatial Information Library PLS, [3] San Bernardino County Office of the Assessor.



| Legend | |
|--------|-----------------------------|
| | Alamo Site Boundary |
| | Access road |
| | APN Parcels |
| | CA PLSS Township-Range Grid |
| | CA PLSS Section Grid |



E.ON Climate & Renewables North America
Phase I ESA Alamo Solar Site
San Bernardino County

Figure 2. AERIAL MAP OF PROJECT SITE 2013

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO SOLAR SITE**

**APPENDIX A
SITE PHOTOGRAPHS**

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 1

Comments:

APN: 0470-021-09

Facing south at the eastern boundary from the northeast corner of the parcel.



Photograph 2

Comments:

APN: 0470-021-09

View of residential structure in southeast corner of the parcel.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 3

Comments:

APN: 0470-021-09

View of the irrigation pond in the southeast corner of the parcel.



Photograph 4

Comments:

APN: 0470-021-09

View of garage structure in the southwest corner of the parcel.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 5

Comments:

APN: 0470-021-09

View south along the western boundary from the northwest corner of the parcel.



Photograph 6

Comments:

APN: 0470-041-01

View north along eastern boundary of the parcel.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 7
Comments:
APN: 0470-041-01
View west along
the eastern
boundary of the
parcel.



Photograph 8
Comments:
APN: 0470-041-01
View east at the
residential
structure in the
southeast corner
of the parcel.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 9

Comments:

APN: 0470-041-01

View north towards barns and tank in the southeast corner of the parcel.



Photograph 10

Comments:

APN: 0470-041-01

Pump house north of residence in the southeast corner of the parcel.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 11

Comments:

APN: 0470-041-01

View on interior of eastern barn within southeast corner of the parcel.



Photograph 12

Comments:

APN: 0470-041-01

View of debris west of western barn in southeast corner of the parcel.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 13

Comments:

APN: 0470-041-01

View of tires in the southeast corner of the parcel.



Photograph 14

Comments:

APN: 0470-041-01

View of possible septic in the southeast corner of the parcel.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 15

Comments:

APN: 0470-041-01

View east along
Melrose Avenue.



Photograph 16

Comments:

APN: 0470-051-14

View of ranch
compound.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 17

Comments:

APN: 0470-011-35
Parcel 1

Facing south
along the central
portion of the
parcel.



Photograph 18

Comments:

APN: 0470-011-35
Parcel 1

Facing east from
the northwest
corner of the
parcel.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 19

Comments:

APN: 0470-011-35
Parcel 1

View of mobile
home.



Photograph 20

Comments:

APN: 0470-011-35
Parcel 1

View of water well.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 21

Comments:

APN: 0470-011-35
Parcel 1

View of barn.



Photograph 22

Comments:

APN: 0470-011-35
Parcel 1

View of standpipe
reported to be
associated with
water distribution
system.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 23

Comments:

APN: 0470-011-35
Parcel 1

View of residential
structure.



Photograph 24

Comments:

APN: 0470-011-35
Parcel 1

View of residential
structure and
water tower.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 25

Comments:

APN: 0470-011-35
Parcel 1

View of reported former propane gas service line.



Photograph 26

Comments:

APN: 0470-011-35
Parcel 1

View of barn.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 27

Comments:

APN: 0470-011-35
Parcel 1

View south along
access road.



Photograph 28

Comments:

APN: 0470-011-35
Parcel 2

View east along
southern boundary
of the parcel.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO PROJECT SITE**



Photograph 29

Comments:

APN: 0469-011-68

Facing north along the access road alignment.



Photograph 30

Comments:

Facing west along the road access from the eastern portion of alignment.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO SOLAR SITE**

**APPENDIX B
EDR HISTORICAL TOPOGRAPHIC MAP REPORT**



Alamo Solar Site

Alamo Solar Site

Oro Grande, CA 92368

Inquiry Number: 3495738.4

January 15, 2013

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.

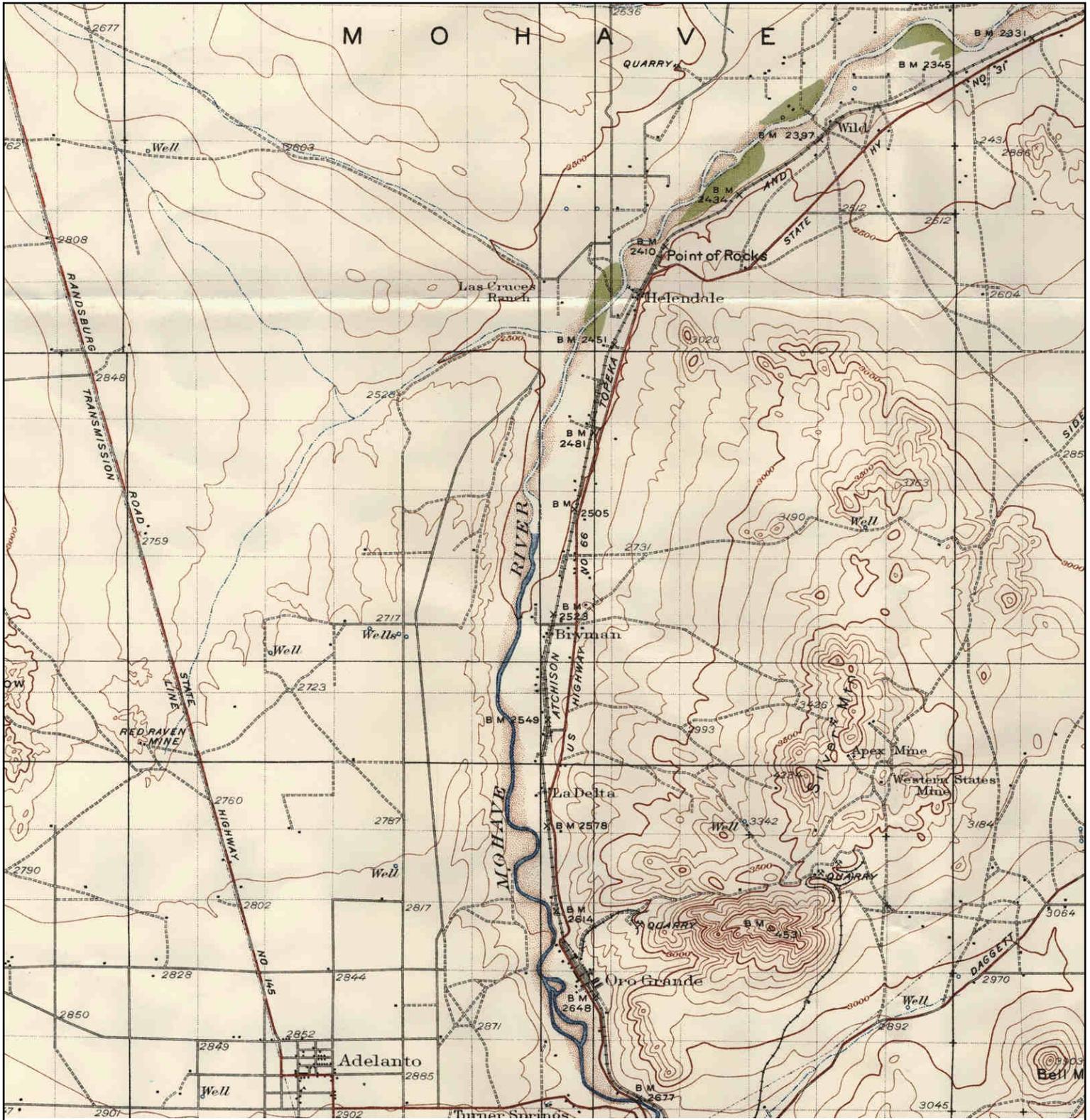
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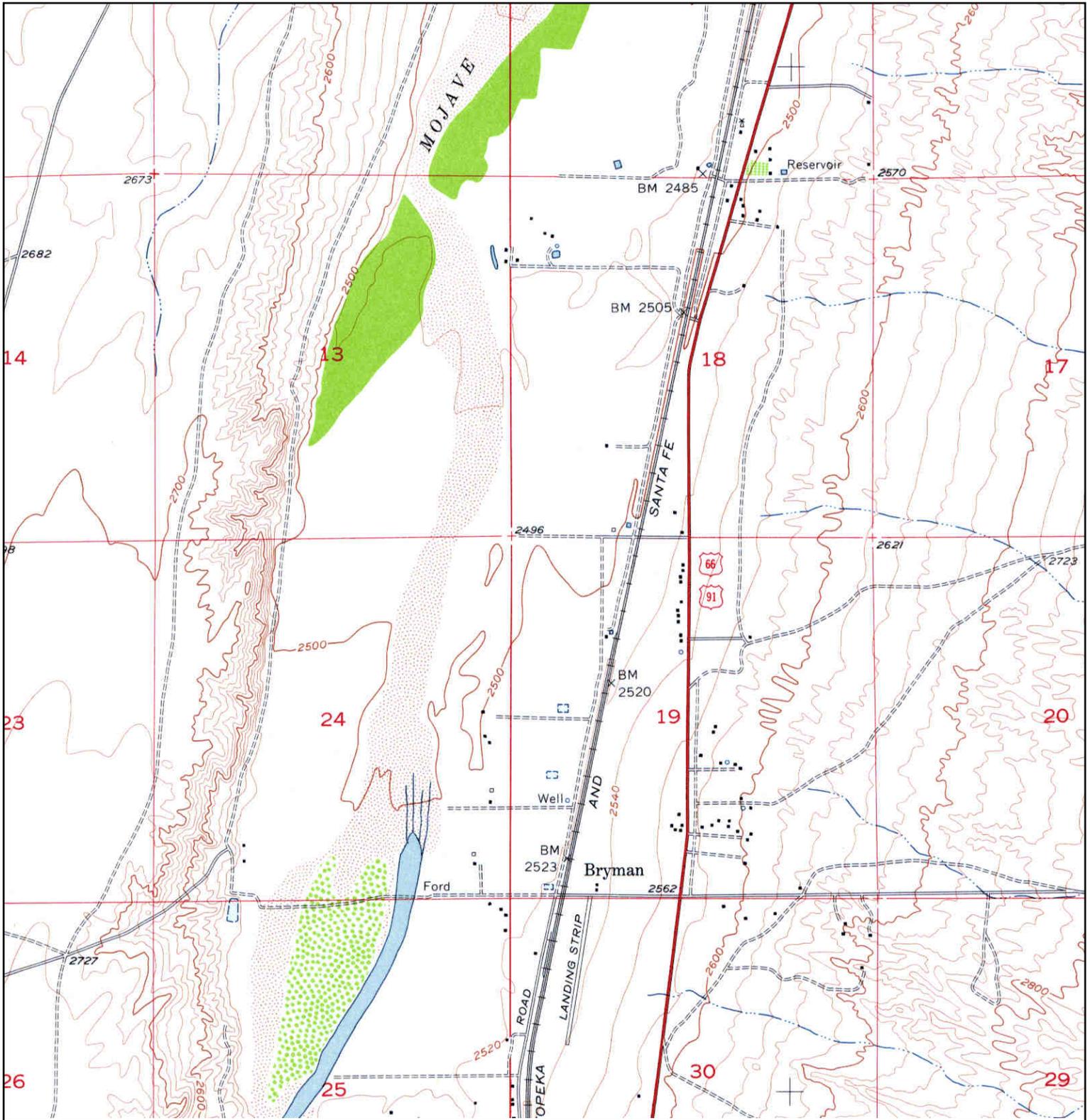
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Historical Topographic Map



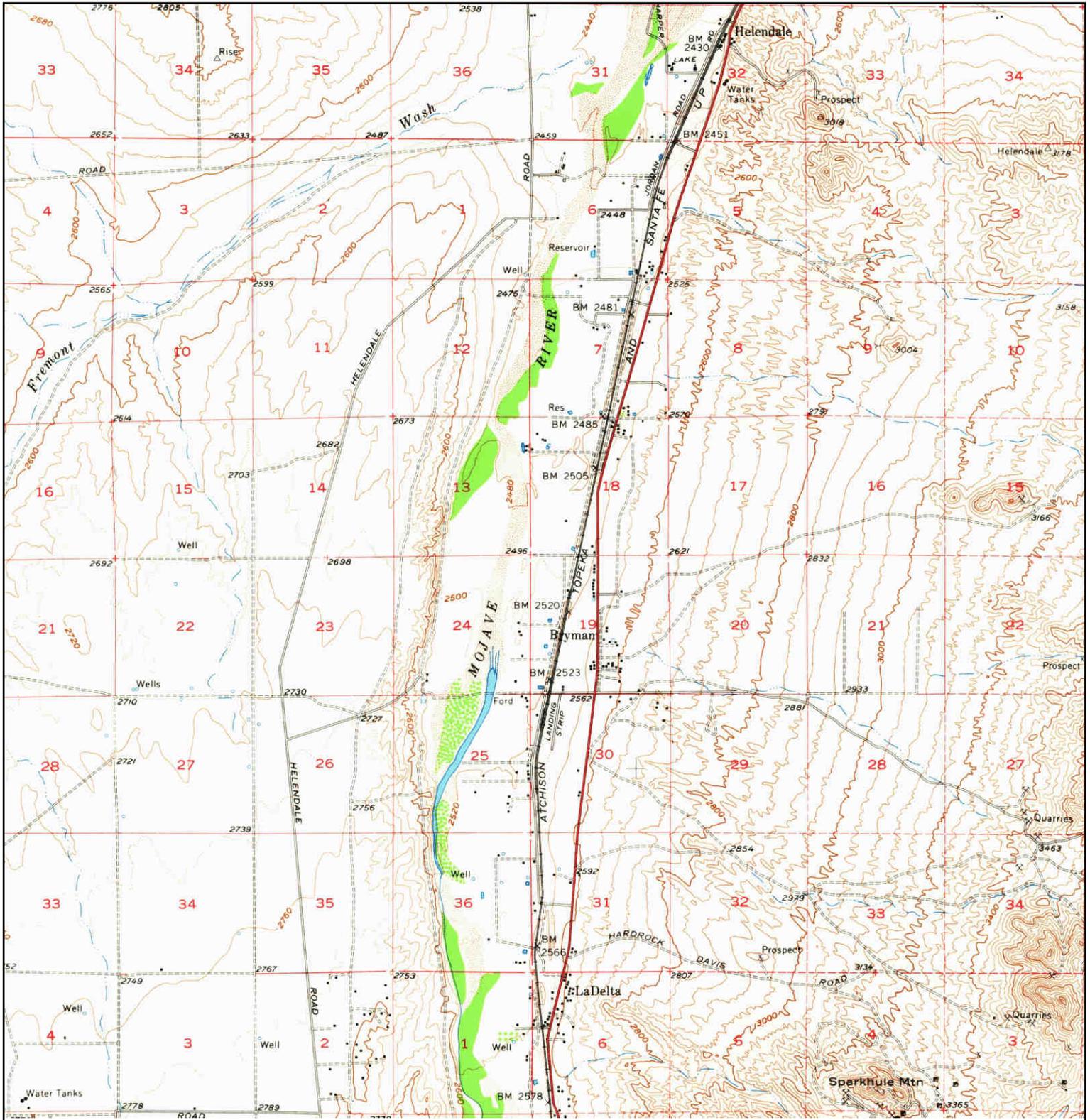
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| | <p>SERIES: 30 SCALE: 1:125000</p> | | |

Historical Topographic Map



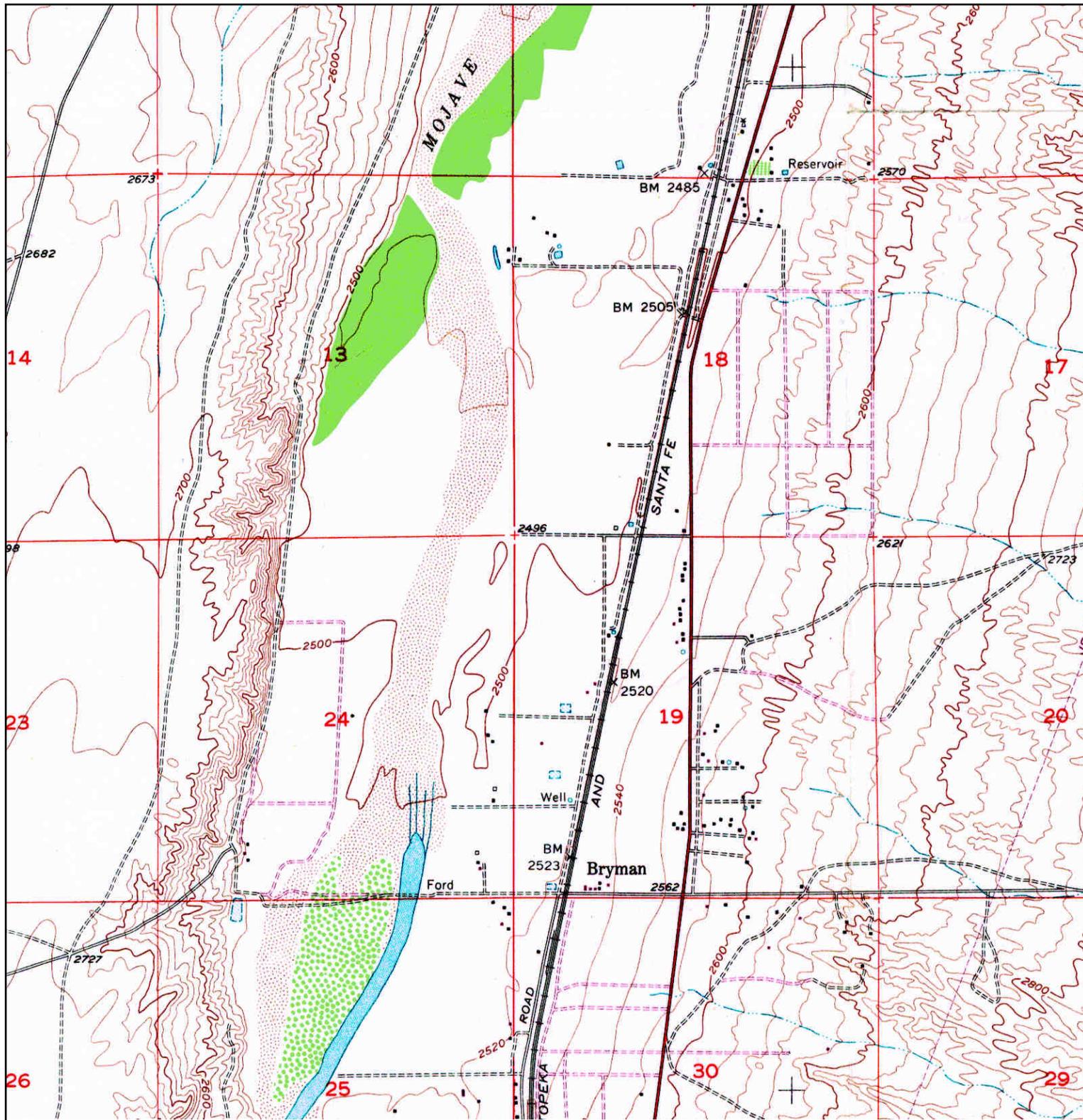
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| | SERIES: 7.5 SCALE: 1:24000 | | |

Historical Topographic Map



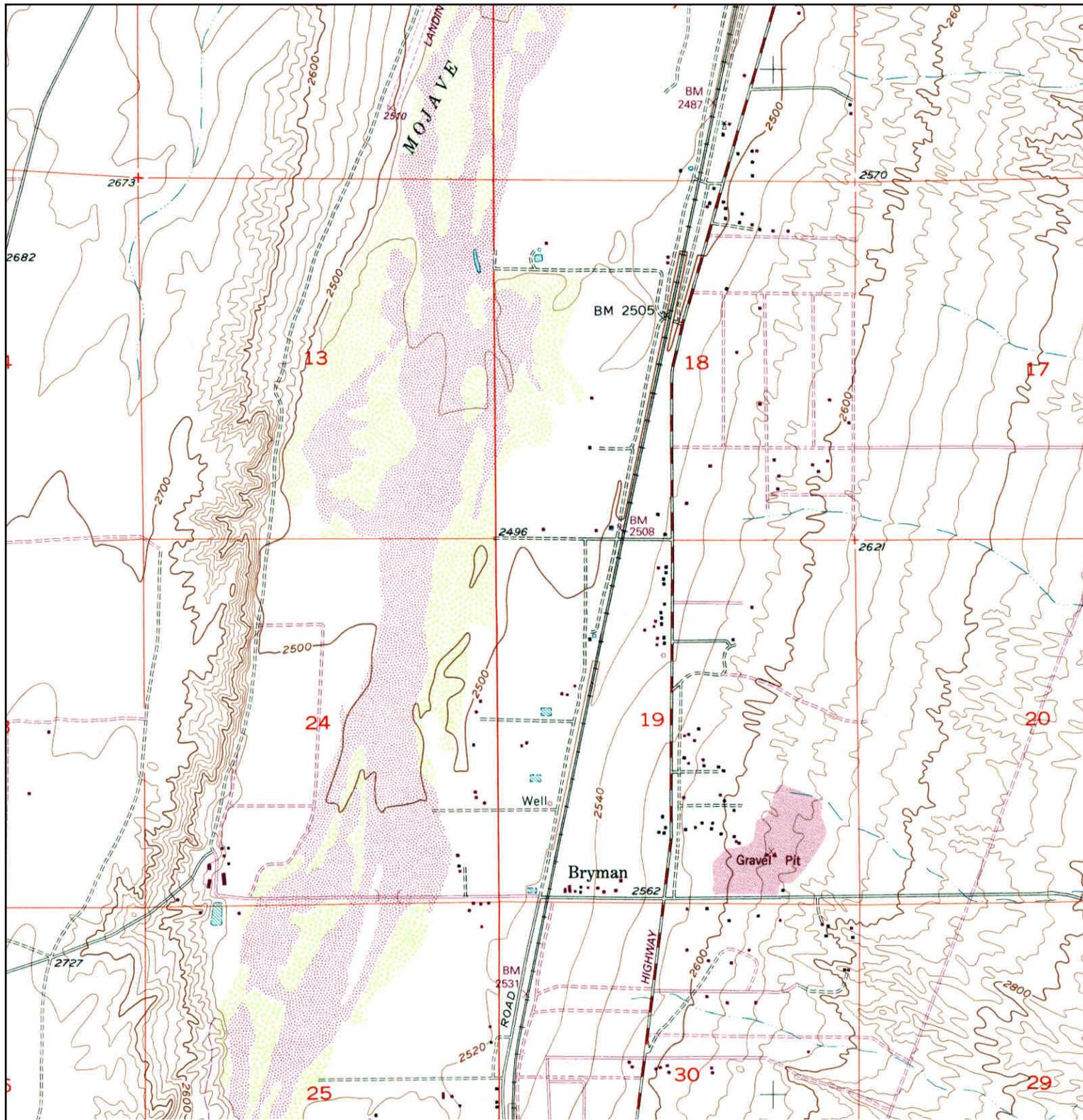
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| | NAME: VICTORVILLE | ADDRESS: Alamo Solar Site | CONTACT: Tricia Winterbauer |
| | MAP YEAR: 1956 | LAT/LONG: 34.6882 / -117.3453 | INQUIRY#: 3495738.4 |
| | SERIES: 15 | | RESEARCH DATE: 01/15/2013 |
| | SCALE: 1:62500 | | |

Historical Topographic Map



| | | | |
|--|-------------------------|--------------------------------------|------------------------------------|
|  | TARGET QUAD | SITE NAME: Alamo Solar Site | CLIENT: URS Corporation |
| | NAME: HELENDALE | ADDRESS: Alamo Solar Site | CONTACT: Tricia Winterbauer |
| | MAP YEAR: 1968 | Oro Grande, CA 92368 | INQUIRY#: 3495738.4 |
| | PHOTOREVISED FROM :1956 | LAT/LONG: 34.6882 / -117.3453 | RESEARCH DATE: 01/15/2013 |
| | SERIES: 7.5 | | |
| | SCALE: 1:24000 | | |
| | | | |

Historical Topographic Map



| | | | |
|----------------|--------------------|--------------------------------------|------------------------------------|
| <p>N ↑</p> | TARGET QUAD | SITE NAME: Alamo Solar Site | CLIENT: URS Corporation |
| | NAME: HELENDALE | ADDRESS: Alamo Solar Site | CONTACT: Tricia Winterbauer |
| | MAP YEAR: 1993 | Oro Grande, CA 92368 | INQUIRY#: 3495738.4 |
| | REVISED FROM :1956 | LAT/LONG: 34.6882 / -117.3453 | RESEARCH DATE: 01/15/2013 |
| | SERIES: 7.5 | | |
| | SCALE: 1:24000 | | |

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO SOLAR SITE**

**APPENDIX C
EDR AERIAL PHOTO DECADE PACKAGE**



Alamo Solar Site

Alamo Solar Site

Oro Grande, CA 92368

Inquiry Number: 3495738.5

February 20, 2013

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography February 20, 2013

Target Property:

Alamo Solar Site

Oro Grande, CA 92368

| <u><i>Year</i></u> | <u><i>Scale</i></u> | <u><i>Details</i></u> | <u><i>Source</i></u> |
|--------------------|------------------------------------|---------------------------------|----------------------|
| 1953 | Aerial Photograph. Scale: 1"=1000' | Flight Year: 1953 | Southwestern |
| 1968 | Aerial Photograph. Scale: 1"=1000' | Flight Year: 1968 | USGS |
| 1973 | Aerial Photograph. Scale: 1"=1000' | Flight Year: 1973 | Teledyne |
| 1989 | Aerial Photograph. Scale: 1"=1000' | Flight Year: 1989 | USGS |
| 1994 | Aerial Photograph. Scale: 1"=500' | /DOQQ - acquisition dates: 1994 | EDR |
| 1994 | Aerial Photograph. Scale: 1"=500' | /DOQQ - acquisition dates: 1994 | EDR |
| 1994 | Aerial Photograph. Scale: 1"=500' | /DOQQ - acquisition dates: 1994 | EDR |
| 1994 | Aerial Photograph. Scale: 1"=500' | /DOQQ - acquisition dates: 1994 | EDR |
| 2005 | Aerial Photograph. Scale: 1"=500' | Flight Year: 2005 | EDR |
| 2005 | Aerial Photograph. Scale: 1"=500' | Flight Year: 2005 | EDR |
| 2005 | Aerial Photograph. Scale: 1"=500' | Flight Year: 2005 | EDR |
| 2005 | Aerial Photograph. Scale: 1"=500' | Flight Year: 2005 | EDR |



INQUIRY #: 3495738.5

YEAR: 1953

| = 1000'





INQUIRY #: 3495738.5

YEAR: 1968

| = 1000'





INQUIRY #: 3495738.5

YEAR: 1973

 = 1000'





INQUIRY #: 3495738.5

YEAR: 1989

| = 1000'





INQUIRY #: 3495738.5

YEAR: 1994

| = 500'





INQUIRY #: 3495738.5

YEAR: 1994

| = 500'





INQUIRY #: 3495738.5

YEAR: 1994

| = 500'





INQUIRY #: 3495738.5

YEAR: 1994

| = 500'





INQUIRY #: 3495738.5

YEAR: 2005

| = 500'





INQUIRY #: 3495738.5

YEAR: 2005

| = 500'



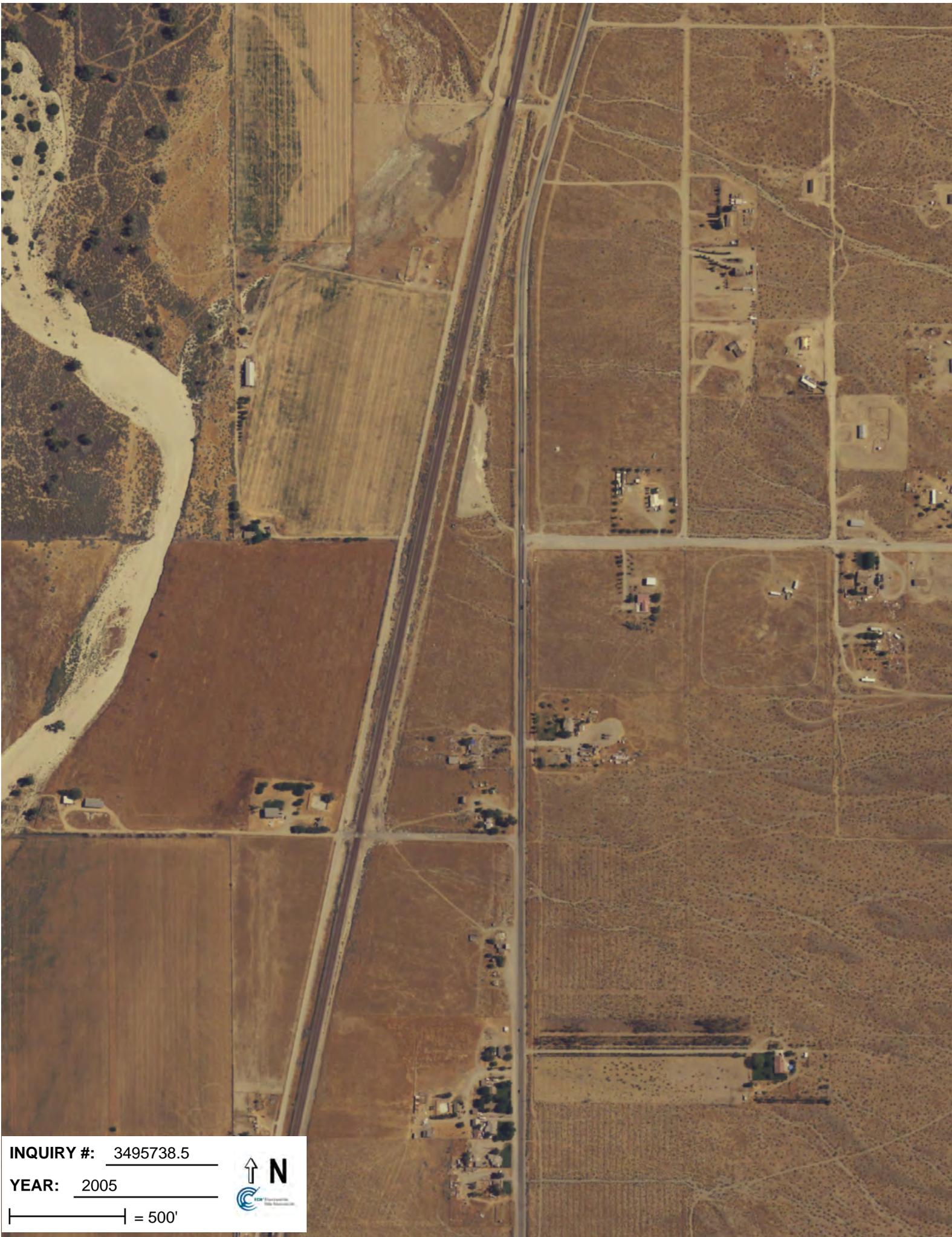


INQUIRY #: 3495738.5

YEAR: 2005

| = 500'





INQUIRY #: 3495738.5

YEAR: 2005

 = 500'



**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO SOLAR SITE**

**APPENDIX D
EDR RADIUS MAP REPORT**

Alamo Solar Site

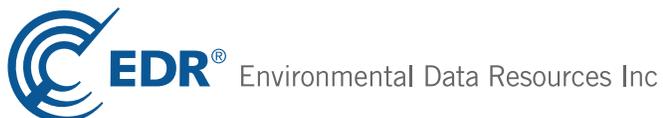
Alamo Solar Site

Oro Grande, CA 92368

Inquiry Number: 3495738.2s

January 15, 2013

The EDR Radius Map™ Report with GeoCheck®



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

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Thank you for your business.
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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

ALAMO SOLAR SITE
ORO GRANDE, CA 92368

COORDINATES

Latitude (North): 34.6882000 - 34° 41' 17.52"
Longitude (West): 117.3453000 - 117° 20' 43.08"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 468371.0
UTM Y (Meters): 3838324.2
Elevation: 2503 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 34117-F3 HELENDALE, CA
Most Recent Revision: 1993

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010
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
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

State and tribal 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

EXECUTIVE SUMMARY

SLIC..... Statewide SLIC Cases
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

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

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
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

Local Land Records

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

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing

EXECUTIVE SUMMARY

Other Ascertainable Records

| | |
|--------------------------|---|
| RCRA NonGen / NLR..... | RCRA - Non Generators |
| DOT OPS..... | Incident and Accident Data |
| DOD..... | Department of Defense Sites |
| FUDS..... | Formerly Used Defense Sites |
| CONSENT..... | Superfund (CERCLA) Consent Decrees |
| ROD..... | Records Of Decision |
| UMTRA..... | Uranium Mill Tailings Sites |
| MINES..... | Mines Master Index File |
| TRIS..... | Toxic Chemical Release Inventory System |
| TSCA..... | Toxic Substances Control Act |
| FTTS..... | FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) |
| HIST FTTS..... | FIFRA/TSCA Tracking System Administrative Case Listing |
| SSTS..... | Section 7 Tracking Systems |
| ICIS..... | Integrated Compliance Information System |
| PADS..... | PCB Activity Database System |
| MLTS..... | Material Licensing Tracking System |
| RADINFO..... | Radiation Information Database |
| FINDS..... | Facility Index System/Facility Registry System |
| RAATS..... | RCRA Administrative Action Tracking System |
| RMP..... | Risk Management Plans |
| CA BOND EXP. PLAN..... | Bond Expenditure Plan |
| UIC..... | UIC Listing |
| NPDES..... | NPDES Permits Listing |
| Cortese..... | "Cortese" Hazardous Waste & Substances Sites List |
| HIST CORTESE..... | Hazardous Waste & Substance Site List |
| CUPA Listings..... | CUPA Resources List |
| Notify 65..... | Proposition 65 Records |
| DRYCLEANERS..... | Cleaner Facilities |
| WIP..... | Well Investigation Program Case List |
| ENF..... | Enforcement Action Listing |
| HAZNET..... | Facility and Manifest Data |
| EMI..... | Emissions Inventory Data |
| INDIAN RESERV..... | Indian Reservations |
| SCRD DRYCLEANERS..... | State Coalition for Remediation of Drycleaners Listing |
| MWMP..... | Medical Waste Management Program Listing |
| COAL ASH DOE..... | Steam-Electric Plant Operation Data |
| COAL ASH EPA..... | Coal Combustion Residues Surface Impoundments List |
| HWT..... | Registered Hazardous Waste Transporter Database |
| HWP..... | EnviroStor Permitted Facilities Listing |
| Financial Assurance..... | Financial Assurance Information Listing |
| 2020 COR ACTION..... | 2020 Corrective Action Program List |
| US AIRS..... | Aerometric Information Retrieval System Facility Subsystem |
| PRP..... | Potentially Responsible Parties |
| WDS..... | Waste Discharge System |
| EPA WATCH LIST..... | EPA WATCH LIST |
| US FIN ASSUR..... | Financial Assurance Information |
| PCB TRANSFORMER..... | PCB Transformer Registration Database |
| PROC..... | Certified Processors Database |

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EXECUTIVE SUMMARY

EDR US Hist Auto Stat..... EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners..... EDR Exclusive Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 10/17/2012 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|-------------------------------|-----------------|-----------------------------|---------------|-------------|
| PALISADES RANCH | 13850 BRYMAN RD | SSE 1/8 - 1/4 (0.215 mi.) | A3 | 8 |

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|-------------------------------|-------------------------------|---|------------------|-----------------|
| <i>PALISADES RANCH</i> | <i>13850 BRYMAN RD</i> | <i>SSE 1/8 - 1/4 (0.215 mi.)</i> | <i>A4</i> | <i>8</i> |

EXECUTIVE SUMMARY

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|-------------------------------|------------------------|----------------------------------|---------------|-------------|
| <i>PALISADES RANCH</i> | <i>13850 BRYMAN RD</i> | <i>SSE 1/8 - 1/4 (0.215 mi.)</i> | <i>A5</i> | <i>9</i> |

Other Ascertainable Records

San Bern. Co. Permit: San Bernardino County Fire Department Hazardous Materials Division.

A review of the San Bern. Co. Permit list, as provided by EDR, and dated 08/29/2012 has revealed that there are 3 San Bern. Co. Permit sites within approximately 0.25 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|-------------------------------|------------------------|----------------------------------|---------------|-------------|
| AQUA CAPITAL MANAGEMENT | 22680 BRYMAN RD | SE 0 - 1/8 (0.032 mi.) | 1 | 8 |
| CSA 42 - WELLS 1, 2, 3 | NATIONAL TRAILS/TURNER | ENE 1/8 - 1/4 (0.153 mi.) | 2 | 8 |
| <i>PALISADES RANCH</i> | <i>13850 BRYMAN RD</i> | <i>SSE 1/8 - 1/4 (0.215 mi.)</i> | <i>A4</i> | <i>8</i> |

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 11 records.

| <u>Site Name</u> | <u>Database(s)</u> |
|------------------------------------|----------------------------------|
| FORT IRWIN LUCKY FUSE DISPOSAL | WMUDS/SWAT, HIST CORTESE, CHMIRS |
| W.A. MURPHY, INC. | SWEEPS UST |
| W.A.MURPHY, INC. | SWEEPS UST |
| INDUSTRIAL ASPHALT | SWEEPS UST |
| OSBORNE TANK AND SUPPLY | SWEEPS UST |
| CIMA ROAD MINE WASTE SITE | CERCLIS |
| W.A. MURPHY, INC | HIST UST |
| SHADOW HILL RANCH | HIST UST |
| END OF ALAMO RD | ERNS |
| JOSHUA TREE MONUMENT BELLEPEAK MIC | ERNS |
| NEXTEL CELL SITE CA5247 | San Bern. Co. Permit |

OVERVIEW MAP - 3495738.2s



 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

0 1/4 1/2 1 Miles

 Indian Reservations BIA

 Areas of Concern

 Oil & Gas pipelines from USGS

 100-year flood zone

 500-year flood zone

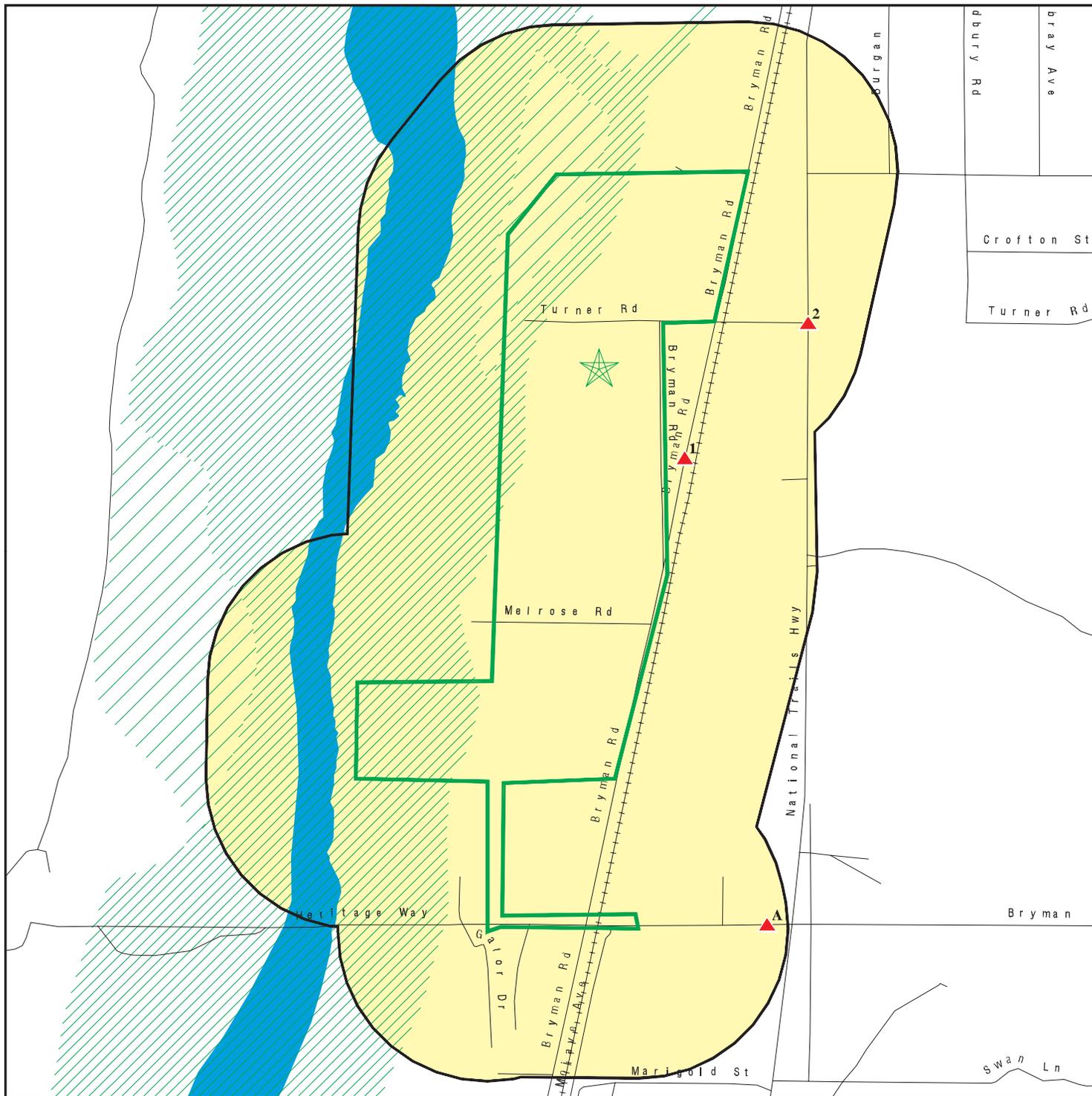


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Alamo Solar Site
 ADDRESS: Alamo Solar Site
 Oro Grande CA 92368
 LAT/LONG: 34.6882 / 117.3453

CLIENT: URS Corporation
 CONTACT: Tricia Winterbauer
 INQUIRY #: 3495738.2s
 DATE: January 15, 2013 3:57 pm

DETAIL MAP - 3495738.2s



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

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



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

SITE NAME: Alamo Solar Site
 ADDRESS: Alamo Solar Site
 Oro Grande CA 92368
 LAT/LONG: 34.6882 / 117.3453

CLIENT: URS Corporation
 CONTACT: Tricia Winterbauer
 INQUIRY #: 3495738.2s
 DATE: January 15, 2013 3:59 pm

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|------------------------------------|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| MCS | TP | | NR | NR | NR | NR | NR | 0 |
| Other Ascertainable Records | | | | | | | | |
| RCRA NonGen / NLR | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| DOT OPS | TP | | NR | NR | NR | NR | NR | 0 |
| DOD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUDS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| CONSENT | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ROD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| UMTRA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TRIS | TP | | NR | NR | NR | NR | NR | 0 |
| TSCA | TP | | NR | NR | NR | NR | NR | 0 |
| FTTS | TP | | NR | NR | NR | NR | NR | 0 |
| HIST FTTS | TP | | NR | NR | NR | NR | NR | 0 |
| SSTS | TP | | NR | NR | NR | NR | NR | 0 |
| ICIS | TP | | NR | NR | NR | NR | NR | 0 |
| PADS | TP | | NR | NR | NR | NR | NR | 0 |
| MLTS | TP | | NR | NR | NR | NR | NR | 0 |
| RADINFO | TP | | NR | NR | NR | NR | NR | 0 |
| FINDS | TP | | NR | NR | NR | NR | NR | 0 |
| RAATS | TP | | NR | NR | NR | NR | NR | 0 |
| RMP | TP | | NR | NR | NR | NR | NR | 0 |
| CA BOND EXP. PLAN | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| UIC | TP | | NR | NR | NR | NR | NR | 0 |
| NPDES | TP | | NR | NR | NR | NR | NR | 0 |
| Cortese | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| HIST CORTESE | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CUPA Listings | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| Notify 65 | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| DRYCLEANERS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| WIP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ENF | TP | | NR | NR | NR | NR | NR | 0 |
| San Bern. Co. Permit | 0.250 | | 1 | 2 | NR | NR | NR | 3 |
| 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 |
| MWMP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| COAL ASH DOE | TP | | NR | NR | NR | NR | NR | 0 |
| COAL ASH EPA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| HWT | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| HWP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Financial Assurance | TP | | NR | NR | NR | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| US AIRS | TP | | NR | NR | NR | NR | NR | 0 |
| PRP | TP | | NR | NR | NR | NR | NR | 0 |
| WDS | TP | | NR | NR | NR | NR | NR | 0 |
| EPA WATCH LIST | TP | | NR | NR | NR | NR | NR | 0 |
| US FIN ASSUR | TP | | NR | NR | NR | NR | NR | 0 |
| PCB TRANSFORMER | TP | | NR | NR | NR | NR | NR | 0 |

MAP FINDINGS SUMMARY

| <u>Database</u> | <u>Search Distance (Miles)</u> | <u>Target Property</u> | <u>< 1/8</u> | <u>1/8 - 1/4</u> | <u>1/4 - 1/2</u> | <u>1/2 - 1</u> | <u>> 1</u> | <u>Total Plotted</u> |
|-----------------|--|----------------------------|-----------------|------------------|------------------|----------------|---------------|--------------------------|
| PROC | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

| | | | | | | | | |
|-----------------------|-------|--|---|---|----|----|----|---|
| EDR MGP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| EDR US Hist Auto Stat | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| EDR US Hist Cleaners | 0.250 | | 0 | 0 | NR | NR | NR | 0 |

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

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

| | | | |
|--|---|-----------------------------|---------------------------------|
| 1 SE < 1/8 0.032 mi. 170 ft. | AQUA CAPITAL MANAGEMENT 22680 BRYMAN RD ORO GRANDE, CA 92368 | San Bern. Co. Permit | S104762202 N/A |
|--|---|-----------------------------|---------------------------------|

Relative: San Bern. Co. Permit:
Higher Region: SAN BERNARDINO
 Facility ID: FA0000678
Actual: Owner: AQUA CAPITAL MANAGEMENT
2513 ft. Permit Number: PT0003717
 Permit Category: HAZMAT HANDLER - AGRICULTURAL(FE)
 Facility Status: INACTIVE
 Expiration Date: 1990-05-31 00:00:00

| | | | |
|--|--|-----------------------------|---------------------------------|
| 2 ENE 1/8-1/4 0.153 mi. 808 ft. | CSA 42 - WELLS 1, 2, 3 NATIONAL TRAILS/TURNER RD ORO GRANDE, CA 92368 | San Bern. Co. Permit | S108985792 N/A |
|--|--|-----------------------------|---------------------------------|

Relative: San Bern. Co. Permit:
Higher Region: SAN BERNARDINO
 Facility ID: FA0011425
Actual: Owner: COUNTY OF SAN BERNARDINO WATER & SANITATION DIVISION
2528 ft. Permit Number: PT0019793
 Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES
 Facility Status: ACTIVE
 Expiration Date: 2013-03-31 00:00:00

| | | | |
|--|--|------------|---------------------------------|
| A3 SSE 1/8-1/4 0.215 mi. 1137 ft. | PALISADES RANCH 13850 BRYMAN RD ORO GRANDE, CA 92368 Site 1 of 3 in cluster A | UST | U003879750 N/A |
|--|--|------------|---------------------------------|

Relative: UST:
Higher Facility ID: 87014357
 Latitude: 34.67469
Actual: Longitude: -117.34042
2565 ft.

| | | | |
|--|--|--|---------------------------------|
| A4 SSE 1/8-1/4 0.215 mi. 1137 ft. | PALISADES RANCH 13850 BRYMAN RD ORO GRANDE, CA 92368 Site 2 of 3 in cluster A | HIST UST San Bern. Co. Permit | U001575304 N/A |
|--|--|--|---------------------------------|

Relative: HIST UST:
Higher Region: STATE
 Facility ID: 00000032497
Actual: Facility Type: Other
2565 ft. Other Type: RANCH
 Total Tanks: 0002
 Contact Name: ROBERT C. OLDER
 Telephone: 6192458889
 Owner Name: ROBERT T. OLDER DBA PALISADES
 Owner Address: 13850 BRYMAN ROAD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PALISADES RANCH (Continued)

U001575304

Owner City,St,Zip: ORO GRANDE, CA 92368

Tank Num: 001
Container Num: 0630198461
Year Installed: 1974
Tank Capacity: 00001100
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: 0630198461
Year Installed: 1974
Tank Capacity: 00001100
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Visual

San Bern. Co. Permit:

Region: SAN BERNARDINO
Facility ID: FA0005212
Owner: CARL ROSS
Permit Number: PT0018879
Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES
Facility Status: INACTIVE
Expiration Date: 2007-05-31 00:00:00

A5
SSE
1/8-1/4
0.215 mi.
1137 ft.

PALISADES RANCH
13850 BRYMAN RD
ORO GRANDE, CA 92368

Site 3 of 3 in cluster A

FINDS 1007730120
SWEEPS UST N/A
HAZNET

Relative:
Higher

FINDS:

Registry ID: 110018870596

Actual:
2565 ft.

Environmental Interest/Information System

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

SWEEPS UST:

Status: A
Comp Number: 32497
Number: 9
Board Of Equalization: Not reported
Ref Date: 09-10-91
Act Date: 09-10-91
Created Date: 02-29-88
Tank Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PALISADES RANCH (Continued)

1007730120

Owner Tank Id: 630198461
Swrcb Tank Id: 36-000-032497-000001
Actv Date: 07-06-88
Capacity: 1100
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 2

Status: A
Comp Number: 32497
Number: 9
Board Of Equalization: Not reported
Ref Date: 09-10-91
Act Date: 09-10-91
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 630198461
Swrcb Tank Id: 36-000-032497-000002
Actv Date: 07-06-88
Capacity: 1100
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

HAZNET:

Year: 2004
Gepaid: CAR000154310
Contact: STEVEN T OLDER
Telephone: 2088304542
Mailing Name: Not reported
Mailing Address: POST OFFICE BOX 1715
Mailing City,St,Zip: EAGLE, ID 836160000
Gen County: San Bernardino
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Recycler
Tons: 2.78
Facility County: Not reported

Count: 11 records.

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|----------------------|------------|------------------------------------|--------------------------------|-------|-------------------------------|
| HELENDALE | U001574939 | W.A. MURPHY, INC | NATIONAL TRAILS HIGHWAY (P.O. | 92342 | HIST UST |
| HELENDALE | S106934157 | W.A. MURPHY, INC. | NATIONAL TRAILS HWY | 92342 | SWEEPS UST |
| HELENDALE | S106934158 | W.A.MURPHY, INC. | NATIONAL TRAILS HWY | 92342 | SWEEPS UST |
| HELENDALE | U001574937 | SHADOW HILL RANCH | STAR ROUTE | 92342 | HIST UST |
| ORO GRANDE | S111456372 | NEXTEL CELL SITE CA5247 | 8317 HWY 138 | 92368 | San Bern. Co. Permit |
| ORO GRANDE | S106927504 | INDUSTRIAL ASPHALT | NATIONAL TRAIL HWY | 92368 | SWEEPS UST |
| ORO GRANDE | S106930196 | OSBORNE TANK AND SUPPLY | STAR RT BOX 12 | 92368 | SWEEPS UST |
| SAN BERNARDINO COUNT | 2009923127 | END OF ALAMO RD | END OF ALAMO RD | | ERNS |
| SAN BERNARDINO COUNT | S103442535 | FORT IRWIN LUCKY FUSE DISPOSAL | FORT IRWIN | | WMUDS/SWAT, HIST CORTESE, CHI |
| SAN BERNARDINO COUNT | 2011975998 | JOSHUA TREE MONUMENT BELLEPEAK MIC | JOSHUA TREE MONUMENT BELLEPEAK | | ERNS |
| SAN BERNARDINO COUNT | 1015730665 | CIMA ROAD MINE WASTE SITE | 1 MIL W OF INTE. 15 OFF CIMA R | | CERCLIS |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

| | |
|---|--|
| Date of Government Version: 10/01/2012 | Source: EPA |
| Date Data Arrived at EDR: 10/11/2012 | Telephone: N/A |
| Date Made Active in Reports: 12/20/2012 | Last EDR Contact: 01/04/2013 |
| Number of Days to Update: 70 | Next Scheduled EDR Contact: 04/22/2013 |
| | Data Release Frequency: Quarterly |

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

| | |
|---|--|
| Date of Government Version: 10/01/2012 | Source: EPA |
| Date Data Arrived at EDR: 10/11/2012 | Telephone: N/A |
| Date Made Active in Reports: 12/20/2012 | Last EDR Contact: 01/04/2013 |
| Number of Days to Update: 70 | Next Scheduled EDR Contact: 04/22/2013 |
| | Data Release Frequency: Quarterly |

NPL LIENS: Federal Superfund Liens

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

| | |
|---|--|
| Date of Government Version: 10/01/2012 | Source: EPA |
| Date Data Arrived at EDR: 10/11/2012 | Telephone: N/A |
| Date Made Active in Reports: 12/20/2012 | Last EDR Contact: 01/04/2013 |
| Number of Days to Update: 70 | Next Scheduled EDR Contact: 04/22/2013 |
| | 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: 11/02/2012 | Source: EPA |
| Date Data Arrived at EDR: 11/28/2012 | Telephone: 703-412-9810 |
| Date Made Active in Reports: 01/07/2013 | Last EDR Contact: 01/04/2013 |
| Number of Days to Update: 40 | Next Scheduled EDR Contact: 03/11/2013 |
| | Data Release Frequency: Quarterly |

FEDERAL FACILITY: Federal Facility Site Information listing

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

| | |
|---|---|
| Date of Government Version: 07/31/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 10/09/2012 | Telephone: 703-603-8704 |
| Date Made Active in Reports: 12/20/2012 | Last EDR Contact: 01/11/2013 |
| Number of Days to Update: 72 | Next Scheduled EDR Contact: 04/22/2013 |
| | 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: 11/02/2012 | Source: EPA |
| Date Data Arrived at EDR: 11/28/2012 | Telephone: 703-412-9810 |
| Date Made Active in Reports: 01/07/2013 | Last EDR Contact: 01/04/2013 |
| Number of Days to Update: 40 | Next Scheduled EDR Contact: 03/11/2013 |
| | 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: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
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: 07/18/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 07/24/2012 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 11/05/2012 | Last EDR Contact: 12/10/2012 |
| Number of Days to Update: 104 | Next Scheduled EDR Contact: 03/25/2013 |
| | Data Release Frequency: Varies |

US INST CONTROL: Sites with Institutional Controls

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

| | |
|---|---|
| Date of Government Version: 07/18/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 07/24/2012 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 11/05/2012 | Last EDR Contact: 12/10/2012 |
| Number of Days to Update: 104 | Next Scheduled EDR Contact: 03/25/2013 |
| | 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: 11/15/2012 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 03/04/2013 |
| | 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: 04/02/2012 | Source: National Response Center, United States Coast Guard |
| Date Data Arrived at EDR: 04/03/2012 | Telephone: 202-267-2180 |
| Date Made Active in Reports: 06/14/2012 | Last EDR Contact: 01/11/2013 |
| Number of Days to Update: 72 | Next Scheduled EDR Contact: 04/15/2013 |
| | 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: 12/05/2012 | Source: Department of Toxic Substances Control |
| Date Data Arrived at EDR: 12/06/2012 | Telephone: 916-323-3400 |
| Date Made Active in Reports: 01/15/2013 | Last EDR Contact: 12/06/2012 |
| Number of Days to Update: 40 | Next Scheduled EDR Contact: 02/18/2013 |
| | Data Release Frequency: Quarterly |

State- and tribal - equivalent CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENVIROSTOR: EnviroStor Database

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

| | |
|---|--|
| Date of Government Version: 12/05/2012 | Source: Department of Toxic Substances Control |
| Date Data Arrived at EDR: 12/06/2012 | Telephone: 916-323-3400 |
| Date Made Active in Reports: 01/15/2013 | Last EDR Contact: 12/06/2012 |
| Number of Days to Update: 40 | Next Scheduled EDR Contact: 02/18/2013 |
| | Data Release Frequency: Quarterly |

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

SWF/LF (SWIS): Solid Waste Information System

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

| | |
|---|--|
| Date of Government Version: 11/19/2012 | Source: Department of Resources Recycling and Recovery |
| Date Data Arrived at EDR: 11/19/2012 | Telephone: 916-341-6320 |
| Date Made Active in Reports: 01/04/2013 | Last EDR Contact: 11/19/2012 |
| Number of Days to Update: 46 | Next Scheduled EDR Contact: 03/04/2013 |
| | Data Release Frequency: Quarterly |

State and tribal leaking storage tank lists

LUST REG 8: Leaking Underground Storage Tanks

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

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

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

| | |
|---|---|
| Date of Government Version: 02/26/2004 | Source: California Regional Water Quality Control Board Colorado River Basin Region (7) |
| Date Data Arrived at EDR: 02/26/2004 | Telephone: 760-776-8943 |
| Date Made Active in Reports: 03/24/2004 | Last EDR Contact: 08/01/2011 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 11/14/2011 |
| | Data Release Frequency: No Update Planned |

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

| | |
|---|---|
| Date of Government Version: 06/07/2005 | Source: California Regional Water Quality Control Board Victorville Branch Office (6) |
| Date Data Arrived at EDR: 06/07/2005 | Telephone: 760-241-7365 |
| Date Made Active in Reports: 06/29/2005 | Last EDR Contact: 09/12/2011 |
| Number of Days to Update: 22 | Next Scheduled EDR Contact: 12/26/2011 |
| | Data Release Frequency: No Update Planned |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

| | |
|---|---|
| Date of Government Version: 09/09/2003 | Source: California Regional Water Quality Control Board Lahontan Region (6) |
| Date Data Arrived at EDR: 09/10/2003 | Telephone: 530-542-5572 |
| Date Made Active in Reports: 10/07/2003 | Last EDR Contact: 09/12/2011 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 12/26/2011 |
| | Data Release Frequency: No Update Planned |

LUST REG 5: Leaking Underground Storage Tank Database

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

| | |
|---|---|
| Date of Government Version: 07/01/2008 | Source: California Regional Water Quality Control Board Central Valley Region (5) |
| Date Data Arrived at EDR: 07/22/2008 | Telephone: 916-464-4834 |
| Date Made Active in Reports: 07/31/2008 | Last EDR Contact: 07/01/2011 |
| Number of Days to Update: 9 | Next Scheduled EDR Contact: 10/17/2011 |
| | Data Release Frequency: No Update Planned |

LUST REG 4: Underground Storage Tank Leak List

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

| | |
|---|--|
| Date of Government Version: 09/07/2004 | Source: California Regional Water Quality Control Board Los Angeles Region (4) |
| Date Data Arrived at EDR: 09/07/2004 | Telephone: 213-576-6710 |
| Date Made Active in Reports: 10/12/2004 | Last EDR Contact: 09/06/2011 |
| Number of Days to Update: 35 | Next Scheduled EDR Contact: 12/19/2011 |
| | Data Release Frequency: No Update Planned |

LUST REG 3: Leaking Underground Storage Tank Database

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

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

LUST REG 2: Fuel Leak List

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

| | |
|---|--|
| Date of Government Version: 09/30/2004 | Source: California Regional Water Quality Control Board San Francisco Bay Region (2) |
| Date Data Arrived at EDR: 10/20/2004 | Telephone: 510-622-2433 |
| Date Made Active in Reports: 11/19/2004 | Last EDR Contact: 09/19/2011 |
| Number of Days to Update: 30 | Next Scheduled EDR Contact: 01/02/2012 |
| | Data Release Frequency: Quarterly |

LUST REG 1: Active Toxic Site Investigation

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

| | |
|---|---|
| Date of Government Version: 02/01/2001 | Source: California Regional Water Quality Control Board North Coast (1) |
| Date Data Arrived at EDR: 02/28/2001 | Telephone: 707-570-3769 |
| Date Made Active in Reports: 03/29/2001 | Last EDR Contact: 08/01/2011 |
| Number of Days to Update: 29 | Next Scheduled EDR Contact: 11/14/2011 |
| | Data Release Frequency: No Update Planned |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

| | |
|---|---|
| Date of Government Version: 10/17/2012 | Source: State Water Resources Control Board |
| Date Data Arrived at EDR: 10/18/2012 | Telephone: see region list |
| Date Made Active in Reports: 11/07/2012 | Last EDR Contact: 12/17/2012 |
| Number of Days to Update: 20 | Next Scheduled EDR Contact: 04/01/2013 |
| | Data Release Frequency: Quarterly |

LUST REG 9: Leaking Underground Storage Tank Report

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

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

SLIC: Statewide SLIC Cases

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

| | |
|---|---|
| Date of Government Version: 10/17/2012 | Source: State Water Resources Control Board |
| Date Data Arrived at EDR: 10/18/2012 | Telephone: 866-480-1028 |
| Date Made Active in Reports: 11/07/2012 | Last EDR Contact: 12/17/2012 |
| Number of Days to Update: 20 | Next Scheduled EDR Contact: 04/01/2013 |
| | Data Release Frequency: Varies |

SLIC REG 1: Active Toxic Site Investigations

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

| | |
|---|---|
| Date of Government Version: 04/03/2003 | Source: California Regional Water Quality Control Board, North Coast Region (1) |
| Date Data Arrived at EDR: 04/07/2003 | Telephone: 707-576-2220 |
| Date Made Active in Reports: 04/25/2003 | Last EDR Contact: 08/01/2011 |
| Number of Days to Update: 18 | Next Scheduled EDR Contact: 11/14/2011 |
| | Data Release Frequency: No Update Planned |

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

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

| | |
|---|---|
| Date of Government Version: 09/30/2004 | Source: Regional Water Quality Control Board San Francisco Bay Region (2) |
| Date Data Arrived at EDR: 10/20/2004 | Telephone: 510-286-0457 |
| Date Made Active in Reports: 11/19/2004 | Last EDR Contact: 09/19/2011 |
| Number of Days to Update: 30 | Next Scheduled EDR Contact: 01/02/2012 |
| | Data Release Frequency: Quarterly |

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

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

| | |
|---|--|
| Date of Government Version: 05/18/2006 | Source: California Regional Water Quality Control Board Central Coast Region (3) |
| Date Data Arrived at EDR: 05/18/2006 | Telephone: 805-549-3147 |
| Date Made Active in Reports: 06/15/2006 | Last EDR Contact: 07/18/2011 |
| Number of Days to Update: 28 | Next Scheduled EDR Contact: 10/31/2011 |
| | Data Release Frequency: Semi-Annually |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

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

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

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

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

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

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

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

SLIC REG 6L: SLIC Sites

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

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

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

SLIC REG 7: SLIC List

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

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

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

| | |
|---|--|
| Date of Government Version: 09/10/2007 | Source: California Regional Water Quality Control Board San Diego Region (9) |
| Date Data Arrived at EDR: 09/11/2007 | Telephone: 858-467-2980 |
| Date Made Active in Reports: 09/28/2007 | Last EDR Contact: 08/08/2011 |
| Number of Days to Update: 17 | 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.

| | |
|---|--|
| Date of Government Version: 08/01/2012 | Source: EPA Region 10 |
| Date Data Arrived at EDR: 08/02/2012 | Telephone: 206-553-2857 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 10/30/2012 |
| Number of Days to Update: 75 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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: 04/12/2012 | Source: EPA Region 1 |
| Date Data Arrived at EDR: 05/09/2012 | Telephone: 617-918-1313 |
| Date Made Active in Reports: 07/10/2012 | Last EDR Contact: 11/01/2012 |
| Number of Days to Update: 62 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Varies |

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

| | |
|---|--|
| Date of Government Version: 08/27/2012 | Source: EPA Region 8 |
| Date Data Arrived at EDR: 08/28/2012 | Telephone: 303-312-6271 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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: 09/12/2011 | Source: EPA Region 6 |
| Date Data Arrived at EDR: 09/13/2011 | Telephone: 214-665-6597 |
| Date Made Active in Reports: 11/11/2011 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 59 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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: 12/14/2011 | Source: EPA Region 4 |
| Date Data Arrived at EDR: 12/15/2011 | Telephone: 404-562-8677 |
| Date Made Active in Reports: 01/10/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 26 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Semi-Annually |

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

| | |
|---|--|
| Date of Government Version: 08/17/2012 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 08/28/2012 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

| | |
|---|---|
| Date of Government Version: 09/06/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/07/2012 | Telephone: 415-972-3372 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 39 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Quarterly |

State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

| | |
|---|--|
| Date of Government Version: 10/17/2012 | Source: SWRCB |
| Date Data Arrived at EDR: 10/18/2012 | Telephone: 916-341-5851 |
| Date Made Active in Reports: 11/07/2012 | Last EDR Contact: 12/18/2012 |
| Number of Days to Update: 20 | Next Scheduled EDR Contact: 04/01/2013 |
| | 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: 916-327-5092 |
| Date Made Active in Reports: 10/01/2009 | Last EDR Contact: 01/07/2013 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 04/22/2013 |
| | 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: 08/01/2012 | Source: EPA Region 10 |
| Date Data Arrived at EDR: 08/02/2012 | Telephone: 206-553-2857 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 75 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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: 09/06/2012 | Source: EPA Region 9 |
| Date Data Arrived at EDR: 09/07/2012 | Telephone: 415-972-3368 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 39 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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: 08/27/2012 | Source: EPA Region 8 |
| Date Data Arrived at EDR: 08/28/2012 | Telephone: 303-312-6137 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Quarterly |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/17/2012 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 08/28/2012 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Varies |

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

| | |
|---|--|
| Date of Government Version: 05/10/2011 | Source: EPA Region 6 |
| Date Data Arrived at EDR: 05/11/2011 | Telephone: 214-665-7591 |
| Date Made Active in Reports: 06/14/2011 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 34 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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: 08/02/2012 | Source: EPA Region 5 |
| Date Data Arrived at EDR: 08/03/2012 | Telephone: 312-886-6136 |
| Date Made Active in Reports: 11/05/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 94 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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: 12/14/2011 | Source: EPA Region 4 |
| Date Data Arrived at EDR: 12/15/2011 | Telephone: 404-562-9424 |
| Date Made Active in Reports: 01/10/2012 | Last EDR Contact: 07/26/2012 |
| Number of Days to Update: 26 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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: 04/12/2012 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 05/02/2012 | Telephone: 617-918-1313 |
| Date Made Active in Reports: 07/16/2012 | Last EDR Contact: 11/01/2012 |
| Number of Days to Update: 75 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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 | Source: FEMA |
| Date Data Arrived at EDR: 02/16/2010 | Telephone: 202-646-5797 |
| Date Made Active in Reports: 04/12/2010 | Last EDR Contact: 01/14/2013 |
| Number of Days to Update: 55 | Next Scheduled EDR Contact: 04/29/2013 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 | Source: EPA, Region 7 |
| Date Data Arrived at EDR: 04/22/2008 | Telephone: 913-551-7365 |
| Date Made Active in Reports: 05/19/2008 | Last EDR Contact: 04/20/2009 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 07/20/2009 |
| | Data Release Frequency: Varies |

VCP: Voluntary Cleanup Program Properties

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

| | |
|---|--|
| Date of Government Version: 12/05/2012 | Source: Department of Toxic Substances Control |
| Date Data Arrived at EDR: 12/06/2012 | Telephone: 916-323-3400 |
| Date Made Active in Reports: 01/15/2013 | Last EDR Contact: 12/06/2012 |
| Number of Days to Update: 40 | Next Scheduled EDR Contact: 02/18/2013 |
| | Data Release Frequency: Quarterly |

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

| | |
|---|--|
| Date of Government Version: 09/28/2012 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 10/02/2012 | Telephone: 617-918-1102 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 01/04/2013 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 04/15/2013 |
| | Data Release Frequency: Varies |

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

| | |
|---|---|
| Date of Government Version: 12/10/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 12/11/2012 | Telephone: 202-566-2777 |
| Date Made Active in Reports: 12/20/2012 | Last EDR Contact: 12/11/2012 |
| Number of Days to Update: 9 | Next Scheduled EDR Contact: 04/08/2013 |
| | 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 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 08/09/2004 | Telephone: 800-424-9346 |
| Date Made Active in Reports: 09/17/2004 | Last EDR Contact: 06/09/2004 |
| Number of Days to Update: 39 | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: No Update Planned |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/17/2012
Date Data Arrived at EDR: 09/19/2012
Date Made Active in Reports: 10/12/2012
Number of Days to Update: 23

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/20/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/15/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 01/04/2013
Number of Days to Update: 45

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 12/14/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 54

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005
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: 12/05/2012
Date Data Arrived at EDR: 12/06/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/06/2012
Next Scheduled EDR Contact: 02/18/2013
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: 06/30/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

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

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

| | |
|---|--|
| Date of Government Version: 09/23/2009 | Source: Department of Public Health |
| Date Data Arrived at EDR: 09/23/2009 | Telephone: 707-463-4466 |
| Date Made Active in Reports: 10/01/2009 | Last EDR Contact: 12/03/2012 |
| Number of Days to Update: 8 | Next Scheduled EDR Contact: 03/18/2013 |
| | 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: 02/16/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/26/2012 | Telephone: 202-564-6023 |
| Date Made Active in Reports: 06/14/2012 | Last EDR Contact: 11/01/2012 |
| Number of Days to Update: 80 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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: 09/18/2012 | Source: Department of Toxic Substances Control |
| Date Data Arrived at EDR: 09/19/2012 | Telephone: 916-323-3400 |
| Date Made Active in Reports: 10/03/2012 | Last EDR Contact: 12/10/2012 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 03/25/2013 |
| | 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: 12/10/2012 | Source: Department of Toxic Substances Control |
| Date Data Arrived at EDR: 12/11/2012 | Telephone: 916-323-3400 |
| Date Made Active in Reports: 01/15/2013 | Last EDR Contact: 12/11/2012 |
| Number of Days to Update: 35 | Next Scheduled EDR Contact: 03/25/2013 |
| | 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: 04/01/2012 | Source: U.S. Department of Transportation |
| Date Data Arrived at EDR: 04/03/2012 | Telephone: 202-366-4555 |
| Date Made Active in Reports: 06/14/2012 | Last EDR Contact: 01/03/2013 |
| Number of Days to Update: 72 | Next Scheduled EDR Contact: 04/15/2013 |
| | 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: 03/28/2012 | Source: Office of Emergency Services |
| Date Data Arrived at EDR: 05/01/2012 | Telephone: 916-845-8400 |
| Date Made Active in Reports: 05/25/2012 | Last EDR Contact: 11/02/2012 |
| Number of Days to Update: 24 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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: 10/17/2012 | Source: State Water Quality Control Board |
| Date Data Arrived at EDR: 10/18/2012 | Telephone: 866-480-1028 |
| Date Made Active in Reports: 11/07/2012 | Last EDR Contact: 12/17/2012 |
| Number of Days to Update: 20 | Next Scheduled EDR Contact: 04/01/2013 |
| | 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: 10/17/2012 | Source: State Water Resources Control Board |
| Date Data Arrived at EDR: 10/18/2012 | Telephone: 866-480-1028 |
| Date Made Active in Reports: 11/07/2012 | Last EDR Contact: 12/17/2012 |
| Number of Days to Update: 20 | Next Scheduled EDR Contact: 04/01/2013 |
| | Data Release Frequency: Quarterly |

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA NonGen / NLR: RCRA - Non Generators

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

| | |
|---|---|
| Date of Government Version: 09/11/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 10/04/2012 | Telephone: (415) 495-8895 |
| Date Made Active in Reports: 12/04/2012 | Last EDR Contact: 01/03/2013 |
| Number of Days to Update: 61 | Next Scheduled EDR Contact: 04/15/2013 |
| | Data Release Frequency: Varies |

DOT OPS: Incident and Accident Data

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

| | |
|---|---|
| Date of Government Version: 07/31/2012 | Source: Department of Transportation, Office of Pipeline Safety |
| Date Data Arrived at EDR: 08/07/2012 | Telephone: 202-366-4595 |
| Date Made Active in Reports: 09/18/2012 | Last EDR Contact: 11/06/2012 |
| Number of Days to Update: 42 | Next Scheduled EDR Contact: 02/18/2013 |
| | 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: 10/18/2012 |
| Number of Days to Update: 62 | Next Scheduled EDR Contact: 01/28/2013 |
| | 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: 12/10/2012 |
| Number of Days to Update: 112 | Next Scheduled EDR Contact: 03/25/2013 |
| | 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: 10/01/2012 | Source: Department of Justice, Consent Decree Library |
| Date Data Arrived at EDR: 10/19/2012 | Telephone: Varies |
| Date Made Active in Reports: 12/20/2012 | Last EDR Contact: 12/28/2012 |
| Number of Days to Update: 62 | Next Scheduled EDR Contact: 04/15/2013 |
| | 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: 02/27/2012 | Source: EPA |
| Date Data Arrived at EDR: 03/14/2012 | Telephone: 703-416-0223 |
| Date Made Active in Reports: 06/14/2012 | Last EDR Contact: 12/11/2012 |
| Number of Days to Update: 92 | Next Scheduled EDR Contact: 03/25/2013 |
| | 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: 10/07/2011 | Telephone: 505-845-0011 |
| Date Made Active in Reports: 03/01/2012 | Last EDR Contact: 11/28/2012 |
| Number of Days to Update: 146 | Next Scheduled EDR Contact: 03/11/2013 |
| | Data Release Frequency: Varies |

MINES: Mines Master Index File

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

| | |
|---|--|
| Date of Government Version: 08/18/2011 | Source: Department of Labor, Mine Safety and Health Administration |
| Date Data Arrived at EDR: 09/08/2011 | Telephone: 303-231-5959 |
| Date Made Active in Reports: 09/29/2011 | Last EDR Contact: 12/05/2012 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 03/18/2013 |
| | 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: 09/01/2011 | Telephone: 202-566-0250 |
| Date Made Active in Reports: 01/10/2012 | Last EDR Contact: 11/28/2012 |
| Number of Days to Update: 131 | Next Scheduled EDR Contact: 03/11/2013 |
| | 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: 12/28/2012 |
| Number of Days to Update: 64 | Next Scheduled EDR Contact: 04/08/2013 |
| | 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: 11/26/2012 |
| Number of Days to Update: 25 | Next Scheduled EDR Contact: 03/11/2013 |
| | 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: 11/26/2012 |
| Number of Days to Update: 25 | Next Scheduled EDR Contact: 03/11/2013 |
| | 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: 11/01/2012 |
| Number of Days to Update: 77 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Annually |

ICIS: Integrated Compliance Information System

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

| | |
|---|---|
| Date of Government Version: 07/20/2011 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/10/2011 | Telephone: 202-564-5088 |
| Date Made Active in Reports: 01/10/2012 | Last EDR Contact: 10/19/2012 |
| Number of Days to Update: 61 | Next Scheduled EDR Contact: 01/28/2013 |
| | 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: 10/19/2012 |
| Number of Days to Update: 98 | Next Scheduled EDR Contact: 01/28/2013 |
| | 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: 12/10/2012 |
| Number of Days to Update: 60 | Next Scheduled EDR Contact: 03/25/2013 |
| | Data Release Frequency: Quarterly |

RADINFO: Radiation Information Database

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

| | |
|---|---|
| Date of Government Version: 10/02/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 10/02/2012 | Telephone: 202-343-9775 |
| Date Made Active in Reports: 11/05/2012 | Last EDR Contact: 01/09/2013 |
| Number of Days to Update: 34 | Next Scheduled EDR Contact: 04/22/2013 |
| | Data Release Frequency: Quarterly |

FINDS: Facility Index System/Facility Registry System

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

| | |
|---|--|
| Date of Government Version: 10/23/2011 | Source: EPA |
| Date Data Arrived at EDR: 12/13/2011 | Telephone: (415) 947-8000 |
| Date Made Active in Reports: 03/01/2012 | Last EDR Contact: 12/11/2012 |
| Number of Days to Update: 79 | Next Scheduled EDR Contact: 03/25/2013 |
| | 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 |

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

| | |
|---|---|
| Date of Government Version: 05/08/2012 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 05/25/2012 | Telephone: 202-564-8600 |
| Date Made Active in Reports: 07/10/2012 | Last EDR Contact: 11/01/2012 |
| Number of Days to Update: 46 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Varies |

BRS: Biennial Reporting System

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

| | |
|---|--|
| Date of Government Version: 12/31/2009 | 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: 11/30/2012 |
| Number of Days to Update: 62 | Next Scheduled EDR Contact: 03/11/2013 |
| | Data Release Frequency: Biennially |

CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

| | |
|---|---|
| Date of Government Version: 11/19/2012 | Source: State Water Resources Control Board |
| Date Data Arrived at EDR: 11/19/2012 | Telephone: 916-445-9379 |
| Date Made Active in Reports: 01/15/2013 | Last EDR Contact: 11/19/2012 |
| Number of Days to Update: 57 | Next Scheduled EDR Contact: 03/04/2013 |
| | Data Release Frequency: Quarterly |

UIC: UIC Listing

A listing of underground control injection wells.

| | |
|---|--|
| Date of Government Version: 08/14/2012 | Source: Department of Conservation |
| Date Data Arrived at EDR: 09/19/2012 | Telephone: 916-445-2408 |
| Date Made Active in Reports: 10/03/2012 | Last EDR Contact: 12/21/2012 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 12/31/2012 |
| | Data Release Frequency: Varies |

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 21

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
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 [CALSTATES]. This listing is no longer updated by the state agency.

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

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

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: 12/18/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 12/11/2012
Date Data Arrived at EDR: 12/12/2012
Date Made Active in Reports: 01/04/2013
Number of Days to Update: 23

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 12/24/2012
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
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 08/15/2011
Date Data Arrived at EDR: 08/23/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/15/2012
Next Scheduled EDR Contact: 02/11/2013
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 14

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/14/2013
Next Scheduled EDR Contact: 04/29/2013
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
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/08/2013
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
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
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
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/17/2012
Date Data Arrived at EDR: 09/19/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 14

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/20/2012
Next Scheduled EDR Contact: 04/01/2013
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: 12/07/2012
Date Data Arrived at EDR: 12/12/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 34

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

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

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: 04/29/2013
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: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
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: 10/15/2012
Date Data Arrived at EDR: 10/16/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: 04/29/2013
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: 11/26/2012
Date Data Arrived at EDR: 11/28/2012
Date Made Active in Reports: 01/09/2013
Number of Days to Update: 42

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
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: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 01/04/2013
Number of Days to Update: 45

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
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: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
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: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 32

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

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: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

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 US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

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

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

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

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

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

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

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

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 10/09/2012
Date Data Arrived at EDR: 10/12/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 26

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/09/2012
Date Data Arrived at EDR: 10/12/2012
Date Made Active in Reports: 10/24/2012
Number of Days to Update: 12

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Semi-Annually

BUTTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 10/16/2012
Date Data Arrived at EDR: 10/17/2012
Date Made Active in Reports: 11/13/2012
Number of Days to Update: 27

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 01/14/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 08/16/2012
Date Data Arrived at EDR: 08/22/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 42

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/02/2013
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 11/27/2012
Date Data Arrived at EDR: 11/28/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 48

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Semi-Annually

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/20/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 56

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
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: 09/30/2012
Date Data Arrived at EDR: 10/05/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 18

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/14/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/10/2012
Date Data Arrived at EDR: 09/11/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 22

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 06/11/2012
Number of Days to Update: 40

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/26/2012
Date Data Arrived at EDR: 06/27/2012
Date Made Active in Reports: 08/17/2012
Number of Days to Update: 51

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
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: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
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: 07/10/2012
Date Data Arrived at EDR: 07/12/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 56

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 | Source: EPA Region 9 |
| Date Data Arrived at EDR: 03/31/2009 | Telephone: 415-972-3178 |
| Date Made Active in Reports: 10/23/2009 | Last EDR Contact: 12/18/2012 |
| Number of Days to Update: 206 | Next Scheduled EDR Contact: 04/01/2013 |
| | Data Release Frequency: No Update Planned |

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

| | |
|---|--|
| Date of Government Version: 06/28/2012 | Source: Department of Public Works |
| Date Data Arrived at EDR: 09/25/2012 | Telephone: 626-458-3517 |
| Date Made Active in Reports: 10/23/2012 | Last EDR Contact: 07/16/2012 |
| Number of Days to Update: 28 | Next Scheduled EDR Contact: 10/26/2012 |
| | Data Release Frequency: Semi-Annually |

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

| | |
|---|--|
| Date of Government Version: 10/22/2012 | Source: La County Department of Public Works |
| Date Data Arrived at EDR: 10/23/2012 | Telephone: 818-458-5185 |
| Date Made Active in Reports: 11/30/2012 | Last EDR Contact: 10/23/2012 |
| Number of Days to Update: 38 | Next Scheduled EDR Contact: 02/04/2013 |
| | Data Release Frequency: Varies |

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

| | |
|---|---|
| Date of Government Version: 03/05/2009 | Source: Engineering & Construction Division |
| Date Data Arrived at EDR: 03/10/2009 | Telephone: 213-473-7869 |
| Date Made Active in Reports: 04/08/2009 | Last EDR Contact: 11/16/2012 |
| Number of Days to Update: 29 | Next Scheduled EDR Contact: 03/04/2013 |
| | Data Release Frequency: Varies |

Site Mitigation List

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

| | |
|---|--|
| Date of Government Version: 12/29/2011 | Source: Community Health Services |
| Date Data Arrived at EDR: 02/02/2012 | Telephone: 323-890-7806 |
| Date Made Active in Reports: 02/21/2012 | Last EDR Contact: 10/22/2012 |
| Number of Days to Update: 19 | Next Scheduled EDR Contact: 02/04/2013 |
| | Data Release Frequency: Annually |

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

| | |
|---|--|
| Date of Government Version: 10/23/2012 | Source: City of El Segundo Fire Department |
| Date Data Arrived at EDR: 10/25/2012 | Telephone: 310-524-2236 |
| Date Made Active in Reports: 11/30/2012 | Last EDR Contact: 10/22/2012 |
| Number of Days to Update: 36 | Next Scheduled EDR Contact: 02/04/2013 |
| | Data Release Frequency: Semi-Annually |

City of Long Beach Underground Storage Tank

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

| | |
|---|--|
| Date of Government Version: 03/28/2003 | Source: City of Long Beach Fire Department |
| Date Data Arrived at EDR: 10/23/2003 | Telephone: 562-570-2563 |
| Date Made Active in Reports: 11/26/2003 | Last EDR Contact: 11/01/2012 |
| Number of Days to Update: 34 | Next Scheduled EDR Contact: 02/11/2013 |
| | Data Release Frequency: Annually |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/15/2012
Date Data Arrived at EDR: 10/19/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 19

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/14/2013
Next Scheduled EDR Contact: 04/29/2013
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.

Date of Government Version: 09/17/2012
Date Data Arrived at EDR: 09/18/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 15

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 07/24/2012
Date Data Arrived at EDR: 07/31/2012
Date Made Active in Reports: 09/14/2012
Number of Days to Update: 15

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/18/2012
Date Data Arrived at EDR: 09/19/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 14

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 12/18/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 09/18/2012
Date Data Arrived at EDR: 09/18/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 15

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sites With Reported Contamination

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

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

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
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: 12/05/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 24

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 11/16/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 11/16/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 11/15/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 18

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/11/2012
Date Data Arrived at EDR: 12/12/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 34

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
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: 10/16/2012
Date Data Arrived at EDR: 10/18/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 20

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/26/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/16/2012
Date Data Arrived at EDR: 10/18/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 20

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/26/2012
Next Scheduled EDR Contact: 04/08/2013
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: 08/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 11/02/2012
Number of Days to Update: 22

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
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: 08/08/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 11/13/2012
Number of Days to Update: 33

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/29/2012
Date Data Arrived at EDR: 08/30/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 34

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
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: 08/17/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 44

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 01/02/2013
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 24

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
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: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
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: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
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: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Joaquin Co. UST

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

Date of Government Version: 09/24/2012
Date Data Arrived at EDR: 09/25/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 28

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 09/24/2012
Date Data Arrived at EDR: 09/25/2012
Date Made Active in Reports: 11/02/2012
Number of Days to Update: 38

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

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

Date of Government Version: 10/17/2012
Date Data Arrived at EDR: 10/19/2012
Date Made Active in Reports: 11/13/2012
Number of Days to Update: 25

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/12/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 09/13/2012
Date Data Arrived at EDR: 09/18/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/12/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 01/11/2013
Next Scheduled EDR Contact: 03/11/2013
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

LOP Listing

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

Date of Government Version: 12/03/2012
Date Data Arrived at EDR: 12/05/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 41

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/13/2012
Date Data Arrived at EDR: 11/14/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 19

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 11/29/2012
Date Data Arrived at EDR: 11/30/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 36

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/22/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 36

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
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: 09/14/2012
Date Data Arrived at EDR: 10/05/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 18

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/12/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/14/2012
Date Data Arrived at EDR: 10/09/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 14

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/12/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

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

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 20

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 01/15/2013
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
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: 03/30/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 42

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/07/2013
Next Scheduled EDR Contact: 04/22/2013
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: 11/15/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Waste Program List

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

| | |
|---|---|
| Date of Government Version: 10/29/2012 | Source: Ventura County Resource Management Agency |
| Date Data Arrived at EDR: 11/06/2012 | Telephone: 805-654-2813 |
| Date Made Active in Reports: 12/03/2012 | Last EDR Contact: 11/01/2012 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 02/11/2013 |
| | 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: 08/27/2012 | Source: Environmental Health Division |
| Date Data Arrived at EDR: 09/20/2012 | Telephone: 805-654-2813 |
| Date Made Active in Reports: 10/23/2012 | Last EDR Contact: 12/17/2012 |
| Number of Days to Update: 33 | Next Scheduled EDR Contact: 04/01/2013 |
| | Data Release Frequency: Quarterly |

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

| | |
|---|--|
| Date of Government Version: 10/02/2012 | Source: Yolo County Department of Health |
| Date Data Arrived at EDR: 10/04/2012 | Telephone: 530-666-8646 |
| Date Made Active in Reports: 10/23/2012 | Last EDR Contact: 12/18/2012 |
| Number of Days to Update: 19 | Next Scheduled EDR Contact: 04/08/2013 |
| | Data Release Frequency: Annually |

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

| | |
|---|---|
| Date of Government Version: 08/16/2012 | Source: Yuba County Environmental Health Department |
| Date Data Arrived at EDR: 08/16/2012 | Telephone: 530-749-7523 |
| Date Made Active in Reports: 10/03/2012 | Last EDR Contact: 11/05/2012 |
| Number of Days to Update: 48 | Next Scheduled EDR Contact: 02/18/2013 |
| | 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: 11/19/2012 | Source: Department of Energy & Environmental Protection |
| Date Data Arrived at EDR: 11/19/2012 | Telephone: 860-424-3375 |
| Date Made Active in Reports: 01/03/2013 | Last EDR Contact: 11/19/2012 |
| Number of Days to Update: 45 | Next Scheduled EDR Contact: 03/04/2013 |
| | Data Release Frequency: Annually |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 11/01/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 12/11/2012
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 04/01/2013
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

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

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ALAMO SOLAR SITE
ALAMO SOLAR SITE
ORO GRANDE, CA 92368

TARGET PROPERTY COORDINATES

| | |
|-------------------------------|----------------------------|
| Latitude (North): | 34.6882 - 34° 41' 17.52" |
| Longitude (West): | 117.3453 - 117° 20' 43.08" |
| Universal Tranverse Mercator: | Zone 11 |
| UTM X (Meters): | 468371.0 |
| UTM Y (Meters): | 3838324.2 |
| Elevation: | 2503 ft. above sea level |

USGS TOPOGRAPHIC MAP

| | |
|-----------------------|------------------------|
| Target Property Map: | 34117-F3 HELENDALE, CA |
| Most Recent Revision: | 1993 |

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

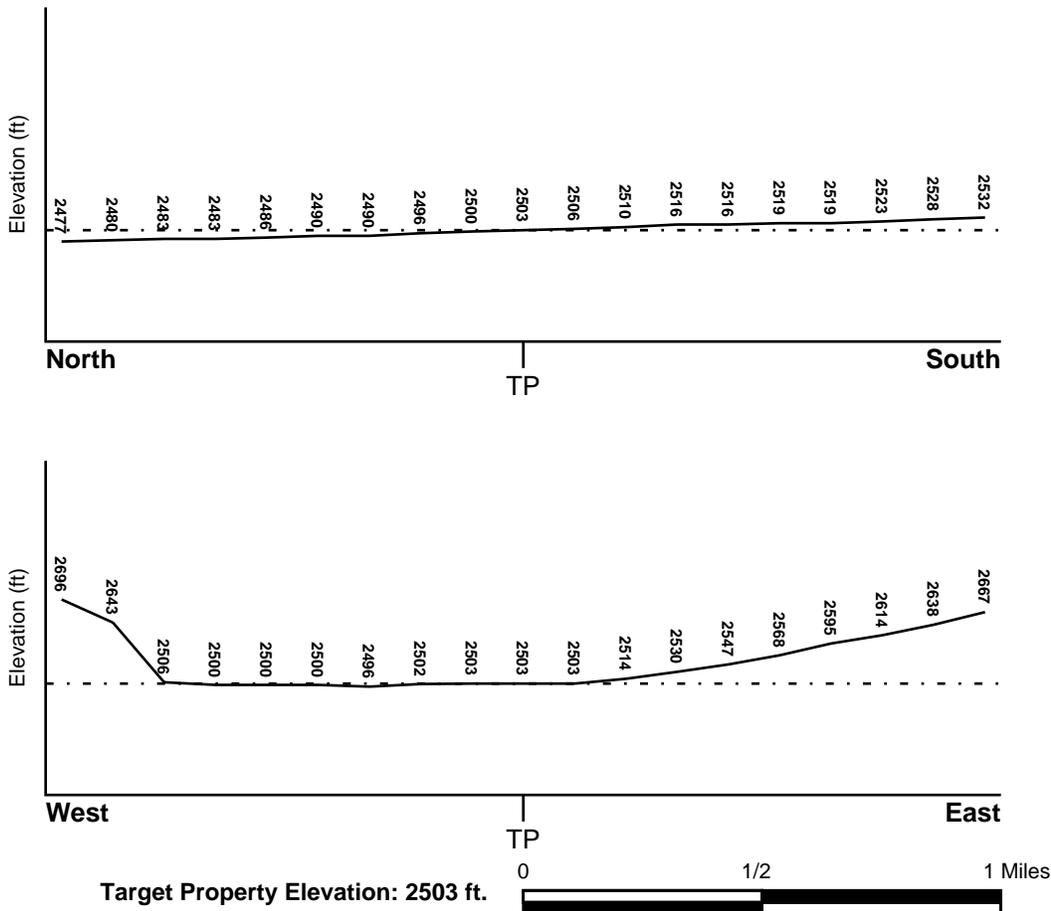
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

| | |
|---|---|
| <u>Target Property County</u> SAN BERNARDINO, CA | <u>FEMA Flood Electronic Data</u> 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

| | |
|---|---|
| <u>NWI Quad at Target Property</u> NOT AVAILABLE | <u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map |
|---|---|

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data:*

| | |
|----------------|------------|
| Search Radius: | 1.25 miles |
| Status: | Not found |

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

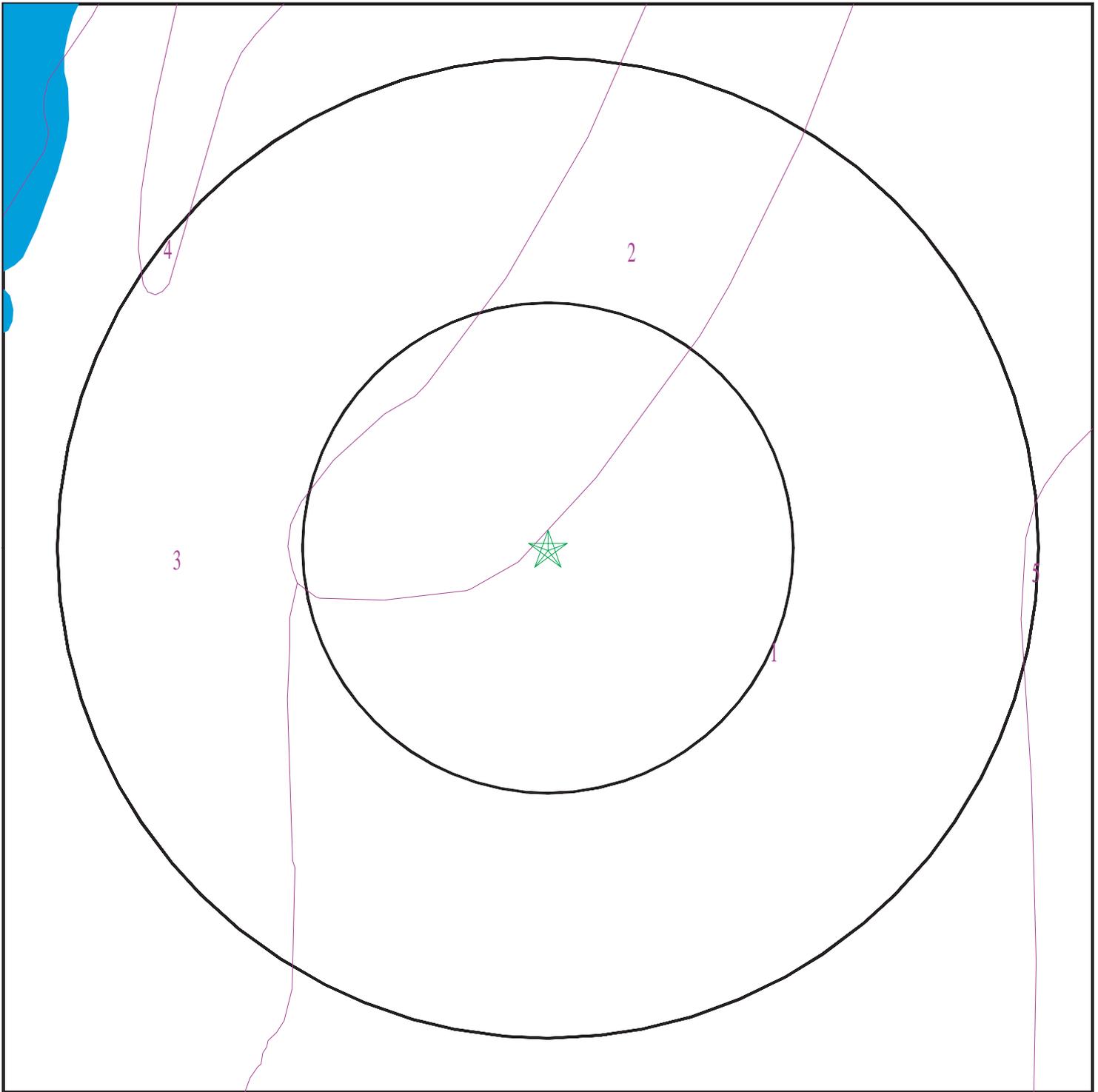
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

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 - 3495738.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Alamo Solar Site
ADDRESS: Alamo Solar Site
Oro Grande CA 92368
LAT/LONG: 34.6882 / 117.3453

CLIENT: URS Corporation
CONTACT: Tricia Winterbauer
INQUIRY #: 3495738.2s
DATE: January 15, 2013 3:59 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: 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

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 |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

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: 3

Soil Component Name: VILLA

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: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|------------------------|----------|-----------|--------------------|----------------|--------------|---|----------------------|
| Layer | Boundary | | Soil Texture Class | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| | Upper | Lower | | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 7 inches | | Not reported | Not reported | Max: 42 Min: 14 | Max: 8.4 Min: 7.4 |
| 2 | 7 inches | 59 inches | | Not reported | Not reported | Max: 42 Min: 14 | Max: 8.4 Min: 7.4 |

Soil Map ID: 4

Soil Component Name: RIVERWASH

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:

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

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 | 59 inches | | Not reported | Not reported | Max: Min: | Max: Min: |

Soil Map ID: 5

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

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 | 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 |

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

| <u>DATABASE</u> | <u>SEARCH DISTANCE (miles)</u> |
|------------------|--------------------------------|
| Federal USGS | 1.000 |
| Federal FRDS PWS | Nearest PWS within 1 mile |
| State Database | 1.000 |

FEDERAL USGS WELL INFORMATION

| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION FROM TP</u> |
|---------------|----------------|-------------------------|
| 1 | USGS3131289 | 0 - 1/8 Mile SSW |
| A2 | USGS3131317 | 1/8 - 1/4 Mile North |
| B5 | USGS3131316 | 1/4 - 1/2 Mile NE |
| 7 | USGS3131268 | 1/4 - 1/2 Mile South |
| B8 | USGS3131318 | 1/4 - 1/2 Mile NE |
| C9 | USGS3131302 | 1/4 - 1/2 Mile ENE |
| D11 | USGS3131267 | 1/4 - 1/2 Mile SE |
| E12 | USGS3131276 | 1/4 - 1/2 Mile WSW |
| D13 | USGS3131266 | 1/4 - 1/2 Mile SE |
| F14 | USGS3131270 | 1/4 - 1/2 Mile SW |
| D15 | USGS3131259 | 1/4 - 1/2 Mile SE |
| F16 | USGS3131269 | 1/4 - 1/2 Mile SW |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|--------|-------------|---------------------|
| F17 | USGS3131260 | 1/4 - 1/2 Mile SW |
| 21 | USGS3131288 | 1/4 - 1/2 Mile East |
| G22 | USGS3131331 | 1/2 - 1 Mile NNE |
| H24 | USGS3131265 | 1/2 - 1 Mile ESE |
| I25 | USGS3131472 | 1/2 - 1 Mile SSW |
| J28 | USGS3131330 | 1/2 - 1 Mile NE |
| K29 | USGS3131475 | 1/2 - 1 Mile SE |
| K30 | USGS3131473 | 1/2 - 1 Mile SE |
| L32 | USGS3131461 | 1/2 - 1 Mile SE |
| M33 | USGS3131467 | 1/2 - 1 Mile SE |
| M34 | USGS3131471 | 1/2 - 1 Mile SE |
| O36 | USGS3131352 | 1/2 - 1 Mile North |
| P37 | USGS3131346 | 1/2 - 1 Mile NNW |
| P38 | USGS3131347 | 1/2 - 1 Mile NNW |
| N40 | USGS3131344 | 1/2 - 1 Mile NE |
| Q44 | USGS3131356 | 1/2 - 1 Mile North |
| Q45 | USGS3131360 | 1/2 - 1 Mile North |
| R46 | USGS3131420 | 1/2 - 1 Mile South |
| Q49 | USGS3131362 | 1/2 - 1 Mile North |
| S50 | USGS3131419 | 1/2 - 1 Mile SSE |
| V53 | USGS3131421 | 1/2 - 1 Mile SSW |
| V54 | USGS3131424 | 1/2 - 1 Mile SSW |
| T55 | USGS3131427 | 1/2 - 1 Mile SSE |
| W57 | USGS3131128 | 1/2 - 1 Mile North |
| U60 | USGS3131354 | 1/2 - 1 Mile NNE |
| X61 | USGS3131127 | 1/2 - 1 Mile NNW |
| 63 | USGS3131401 | 1/2 - 1 Mile South |

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---------------------|---------|---------------------|
| No PWS System Found | | |

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

STATE DATABASE WELL INFORMATION

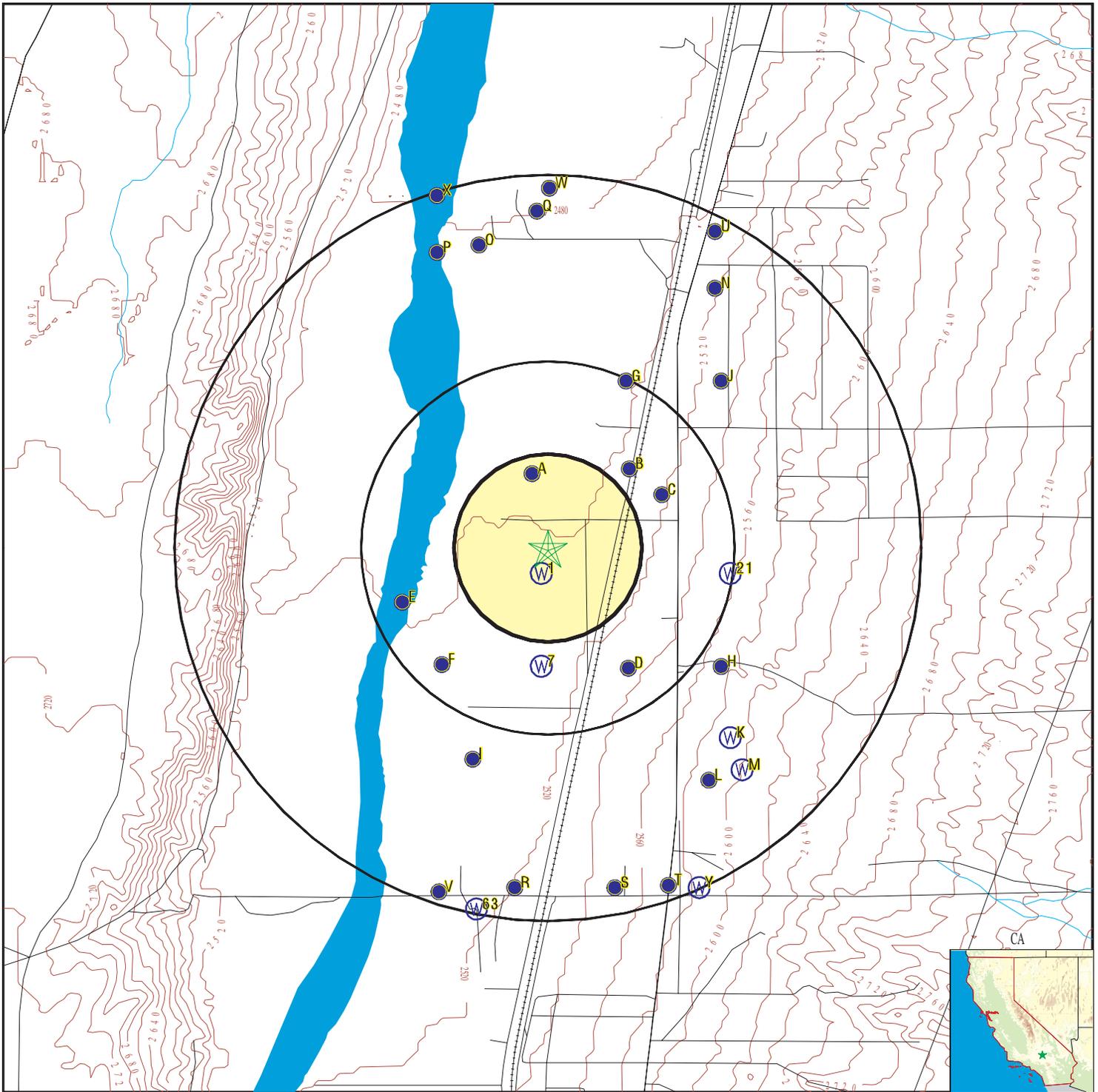
| MAP ID | WELL ID | LOCATION FROM TP |
|--------|-----------------|---------------------|
| A3 | CADW40000013917 | 1/8 - 1/4 Mile NNW |
| B4 | CADW40000013918 | 1/4 - 1/2 Mile NE |
| C6 | CADW40000013903 | 1/4 - 1/2 Mile ENE |
| D10 | CADW40000013773 | 1/4 - 1/2 Mile SSE |
| F18 | CADW40000013777 | 1/4 - 1/2 Mile SW |
| E19 | CADW40000013806 | 1/4 - 1/2 Mile WSW |
| G20 | CADW40000013956 | 1/4 - 1/2 Mile NNE |
| H23 | CADW40000013774 | 1/2 - 1 Mile SE |
| I26 | CADW40000013725 | 1/2 - 1 Mile SSW |
| J27 | CADW40000013957 | 1/2 - 1 Mile NE |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

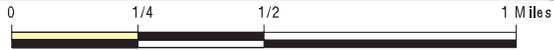
| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION FROM TP</u> |
|---------------|-----------------|-----------------------------|
| L31 | CADW40000013714 | 1/2 - 1 Mile SSE |
| N35 | CADW40000013991 | 1/2 - 1 Mile NNE |
| O39 | CADW40000014009 | 1/2 - 1 Mile NNW |
| P41 | CADW40000014005 | 1/2 - 1 Mile NNW |
| P42 | CADW40000014006 | 1/2 - 1 Mile NNW |
| Q43 | CADW40000014022 | 1/2 - 1 Mile North |
| R47 | CADW40000013589 | 1/2 - 1 Mile South |
| S48 | CADW40000013590 | 1/2 - 1 Mile South |
| T51 | CADW40000013605 | 1/2 - 1 Mile SSE |
| U52 | CADW40000014014 | 1/2 - 1 Mile NNE |
| W56 | CADW40000014036 | 1/2 - 1 Mile North |
| V58 | CADW40000013588 | 1/2 - 1 Mile SSW |
| V59 | CADW40000013587 | 1/2 - 1 Mile SSW |
| T62 | CADW40000013579 | 1/2 - 1 Mile SSE |
| V64 | CADW40000013558 | 1/2 - 1 Mile SSW |
| Y65 | CADW40000013591 | 1/2 - 1 Mile SSE |
| Y66 | CADW40000013592 | 1/2 - 1 Mile SSE |
| Y67 | CADW40000013593 | 1/2 - 1 Mile SSE |
| X68 | CADW40000014028 | 1/2 - 1 Mile NNW |

PHYSICAL SETTING SOURCE MAP - 3495738.2s



- 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: Alamo Solar Site
 ADDRESS: Alamo Solar Site
 Oro Grande CA 92368
 LAT/LONG: 34.6882 / 117.3453

CLIENT: URS Corporation
 CONTACT: Tricia Winterbauer
 INQUIRY #: 3495738.2s
 DATE: January 15, 2013 3:59 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SSW
0 - 1/8 Mile
Higher

FED USGS USGS3131289

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344114117204101 |
| Site name: | 007N004W19D001S | | |
| Latitude: | 344114 | EDR Site id: | USGS3131289 |
| Longitude: | 1172041 | Dec lat: | 34.68721088 |
| Dec lon: | -117.34560334 | Coor meth: | M |
| Coor accr: | U | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 06 |
| State: | 06 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | HELENDALE | Map scale: | 24000 |
| Altitude: | 2495 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave, California. Area = 4580 sq.mi. | | |
| Topographic: | Flat surface | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19580527 | Mean greenwich time offset: | PST |
| Local standard time flag: | Y | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

A2
North
1/8 - 1/4 Mile
Lower

FED USGS USGS3131317

| | | | |
|--------------------|-----------------|----------------|-----------------|
| Agency cd: | USGS | Site no: | 344128117204101 |
| Site name: | 007N004W18N001S | | |
| Latitude: | 344128 | EDR Site id: | USGS3131317 |
| Longitude: | 1172041 | Dec lat: | 34.69109961 |
| Dec lon: | -117.34560337 | Coor meth: | M |
| Coor accr: | U | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 06 |
| State: | 06 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | HELENDALE | Map scale: | 24000 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 2495
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 10
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Mojave. California. Area = 4580 sq.mi.
 Topographic: Dunes
 Site type: Ground-water other than Spring Date construction: Not Reported
 Date inventoried: 19580527 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: 60 Hole depth: Not Reported
 Source of depth data: other reported
 Project number: Not Reported
 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: 1958-05-27 Ground water data end date: 1958-05-27
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|
| ----- | | |
| 1958-05-27 | 14.52 | |

**A3
NNW
1/8 - 1/4 Mile
Lower**

CA WELLS CADW40000013917

Longitude: -117.3456
 Latitude: 34.6911
 Stwellno: 07N04W18N001S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000013917

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

CA WELLS CADW40000013918

Longitude: -117.3412
 Latitude: 34.6911
 Stwellno: 07N04W18P002S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000013918

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B5
NE
1/4 - 1/2 Mile
Higher

FED USGS USGS3131316

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344128117202501 |
| Site name: | 007N004W18P002S | | |
| Latitude: | 344128 | EDR Site id: | USGS3131316 |
| Longitude: | 1172025 | Dec lat: | 34.69109965 |
| Dec lon: | -117.3411588 | Coor meth: | M |
| Coor accr: | U | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 06 |
| State: | 06 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | HELENDALE | Map scale: | 24000 |
| Altitude: | 2520 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Flat surface | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | Not Reported | Mean greenwich time offset: | PST |
| Local standard time flag: | Y | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | 78 | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| 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: | 1967-03-02 | Ground water data end date: | 1967-03-02 |
| Ground water data count: | 1 | | |

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|
| ----- | | |
| 1967-03-02 | 49.70 | |

C6
ENE
1/4 - 1/2 Mile
Higher

CA WELLS CADW40000013903

| | |
|-------------|-----------------|
| Longitude: | -117.3395 |
| Latitude: | 34.6903 |
| Stwellno: | 07N04W18P003S |
| Districtco: | 3 |
| Welluseco: | Z |
| Countyco: | 36 |
| Gwcode: | 604200 |
| Site id: | CADW40000013903 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

7
South
1/4 - 1/2 Mile
Higher

FED USGS USGS3131268

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344101117204101 |
| Site name: | 007N004W19E001 | EDR Site id: | USGS3131268 |
| Latitude: | 344101 | Dec lat: | 34.68359992 |
| Longitude: | 1172041 | Coor meth: | M |
| Dec lon: | -117.34560331 | Latlong datum: | NAD27 |
| Coor accr: | U | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |
| Altitude: | Not Reported | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | Not Reported | | |
| Hydrologic: | Mojave, California. Area = 4580 sq.mi. | | |
| Topographic: | Stream channel | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19580523 | Mean greenwich time offset: | PST |
| Local standard time flag: | Y | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | 0 | Daily flow data 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: | 1958-05-23 | Ground water data end date: | 1958-05-23 |
| Ground water data count: | 1 | | |

Ground-water levels, Number of Measurements: 1

| | Feet below | Feet to |
|------------|------------|----------|
| Date | Surface | Sealevel |
| ----- | | |
| 1958-05-23 | 26.87 | |

B8
NE
1/4 - 1/2 Mile
Higher

FED USGS USGS3131318

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344130117202501 |
| Site name: | 007N004W18P001S | | |
| Latitude: | 344130 | EDR Site id: | USGS3131318 |
| Longitude: | 1172025 | Dec lat: | 34.69165518 |
| Dec lon: | -117.34115881 | Coor meth: | M |
| Coor accr: | U | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 06 |
| State: | 06 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | HELENDALE | Map scale: | 2400 |
| Altitude: | 2495 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Flat surface | | |
| Site type: | Ground-water other than Spring | Date construction: | 1930 |
| Date inventoried: | 19580527 | 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: | 100 | Hole depth: | Not Reported |
| Source of depth data: | other reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | | |
| Daily flow data end date: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data begin date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

**C9
ENE
1/4 - 1/2 Mile
Higher**

FED USGS USGS3131302

| | | | |
|--------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344125117201901 |
| Site name: | 007N004W18P003S | | |
| Latitude: | 344125 | EDR Site id: | USGS3131302 |
| Longitude: | 1172019 | Dec lat: | 34.69026636 |
| Dec lon: | -117.33949208 | 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: | HELENDALE | Map scale: | 24000 |
| Altitude: | 2515 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Not Reported | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19911203 | Mean greenwich time offset: | PST |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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: 470649700
 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: 1991-12-03 Ground water data end date: 1993-03-24
 Ground water data count: 4

Ground-water levels, Number of Measurements: 4

| Date | Feet below Surface | Feet to Sealevel | Date | Feet below Surface | Feet to Sealevel |
|----------------------------------|-----------------------|---------------------|------------|-----------------------|---------------------|
| 1993-03-24 | 53.54 | | | | |
| Note: The site was being pumped. | | | | | |
| 1992-11-17 | 53.15 | | 1992-03-09 | 52.35 | |
| 1991-12-03 | 54.18 | | | | |

**D10
SSE
1/4 - 1/2 Mile
Higher**

CA WELLS CADW40000013773

Longitude: -117.3414
 Latitude: 34.6836
 Stwellno: 07N04W19F002S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000013773

**D11
SE
1/4 - 1/2 Mile
Higher**

FED USGS USGS3131267

| | | |
|--|---------------------------------|--|
| Agency cd: USGS | Site no: 344101117202601 | |
| Site name: 007N004W19F002S | EDR Site id: USGS3131267 | |
| Latitude: 344101 | Dec lat: 34.68359995 | |
| Longitude: 1172026 | Coor meth: M | |
| Dec lon: -117.34143653 | Latlong datum: NAD27 | |
| Coor accr: U | District: 06 | |
| Dec latlong datum: NAD83 | County: 071 | |
| State: 06 | Land net: Not Reported | |
| Country: US | Map scale: 24000 | |
| Location map: HELENDALE | | |
| Altitude: 2530 | | |
| Altitude method: Interpolated from topographic map | | |
| Altitude accuracy: 10 | | |
| Altitude datum: National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: Flat surface | | |
| Site type: Ground-water other than Spring | Date construction: Not Reported | |
| Date inventoried: 19580527 | Mean greenwich time offset: PST | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|--------------------|------------------|
| 1985-01-15 | 22.00 | |

**D13
SE
1/4 - 1/2 Mile
Higher**

FED USGS USGS3131266

| | | | |
|--------------------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344101117202501 |
| Site name: | 007N004W19F001S | | |
| Latitude: | 344101 | EDR Site id: | USGS3131266 |
| Longitude: | 1172025 | Dec lat: | 34.68359995 |
| Dec lon: | -117.34115874 | Coor meth: | M |
| Coor accr: | U | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 06 |
| State: | 06 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | HELENDALE | Map scale: | 24000 |
| Altitude: | 2510 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Alluvial or marine terrace | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19580528 | 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: | 47 | Hole depth: | Not Reported |
| Source of depth data: | other reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | | |
| Daily flow data end date: | Not Reported | | |
| Peak flow data begin date: | Not Reported | | |
| Peak flow data count: | Not Reported | | |
| Water quality data begin date: | Not Reported | | |
| Water quality data end date: | Not Reported | | |
| Ground water data begin date: | Not Reported | | |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

**F14
SW
1/4 - 1/2 Mile
Higher**

FED USGS USGS3131270

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344102117205701 |
| Site name: | 007N005W24J003S | | |
| Latitude: | 344102 | EDR Site id: | USGS3131270 |
| Longitude: | 1172057 | Dec lat: | 34.68387765 |
| Dec lon: | -117.35004788 | Coor meth: | M |
| Coor accr: | U | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 06 |
| State: | 06 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | HELENDALE | Map scale: | 24000 |
| Altitude: | 2505 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Alluvial or marine terrace | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19580523 | 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: | 53 | Hole depth: | Not Reported |
| Source of depth data: | other reported | | |
| Project number: | Not Reported | | |
| 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: | 1958-05-23 | Ground water data end date: | 1958-05-23 |
| Ground water data count: | 1 | | |

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|
| ----- | | |
| 1958-05-23 | 19.62 | |

Note: The site was being pumped.

**D15
SE
1/4 - 1/2 Mile
Higher**

FED USGS USGS3131259

| | | | |
|--------------------|-----------------|----------------|-----------------|
| Agency cd: | USGS | Site no: | 344100117202501 |
| Site name: | 007N004W19F003S | | |
| Latitude: | 344100 | EDR Site id: | USGS3131259 |
| Longitude: | 1172025 | Dec lat: | 34.68332219 |
| Dec lon: | -117.34115874 | Coor meth: | M |
| Coor accr: | U | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 06 |
| State: | 06 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | HELENDALE | Map scale: | 24000 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|--------------|
| Altitude: | 2530 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Flat surface | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19580529 | 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: | 35 | Hole depth: | Not Reported |
| Source of depth data: | other reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

**F16
SW
1/4 - 1/2 Mile
Higher**

FED USGS USGS3131269

| | | | |
|----------------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344101117205701 |
| Site name: | 007N005W24H001S | EDR Site id: | USGS3131269 |
| Latitude: | 344101 | Dec lat: | 34.68359988 |
| Longitude: | 1172057 | Coor meth: | M |
| Dec lon: | -117.35004788 | Latlong datum: | NAD27 |
| Coor accr: | U | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |
| Altitude: | 2505 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Alluvial or marine terrace | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19580523 | Mean greenwich time offset: | PST |
| Local standard time flag: | Y | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

F17
SW
1/4 - 1/2 Mile
Higher

FED USGS USGS3131260

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344100117205701 |
| Site name: | 007N005W24J002S | EDR Site id: | USGS3131260 |
| Latitude: | 344100 | Dec lat: | 34.68332212 |
| Longitude: | 1172057 | Coor meth: | M |
| Dec lon: | -117.35004788 | Latlong datum: | NAD27 |
| Coor accr: | U | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |
| Altitude: | 2505 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Alluvial or marine terrace | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19580523 | 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: | 55 | Hole depth: | Not Reported |
| Source of depth data: | other reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | | |
| Daily flow data end date: | Not Reported | Daily flow data begin date: | Not Reported |
| Peak flow data begin date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data count: | Not Reported | Peak flow data end date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data begin date: | Not Reported |
| Ground water data begin date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data count: | Not Reported | Ground water data end date: | Not Reported |

Ground-water levels, Number of Measurements: 0

F18
SW
1/4 - 1/2 Mile
Higher

CA WELLS CADW40000013777

| | |
|-------------|-----------------|
| Longitude: | -117.3501 |
| Latitude: | 34.6839 |
| Stwellno: | 07N05W24J003S |
| Districtco: | 3 |
| Welluseco: | Z |
| Countyco: | 36 |
| Gwcode: | 604200 |
| Site id: | CADW40000013777 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E19
WSW
1/4 - 1/2 Mile
Lower

CA WELLS CADW40000013806

Longitude: -117.3517
Latitude: 34.6861
Stwellno: 07N04W31M001S
Districtco: 3
Welluseco: Z
Countyco: 36
Gwcode: 604200
Site id: CADW40000013806

G20
NNE
1/4 - 1/2 Mile
Lower

CA WELLS CADW40000013956

Longitude: -117.3412
Latitude: 34.6947
Stwellno: 07N04W18L001S
Districtco: 3
Welluseco: Z
Countyco: 36
Gwcode: 604200
Site id: CADW40000013956

21
East
1/4 - 1/2 Mile
Higher

FED USGS USGS3131288

| | | | |
|-----------------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344114117200901 |
| Site name: | 007N004W19B001S | EDR Site id: | USGS3131288 |
| Latitude: | 344114 | Dec lat: | 34.68721095 |
| Longitude: | 1172009 | Coor meth: | M |
| Dec lon: | -117.3367142 | Latlong datum: | NAD27 |
| Coor accr: | U | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |
| Altitude: | 2550 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave, California. Area = 4580 sq.mi. | | |
| Topographic: | Not Reported | | |
| Site type: | Ground-water other than Spring | Date construction: | 1912 |
| Date inventoried: | 19580528 | 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: | 240 | Hole depth: | Not Reported |
| Source of depth data: | other reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | | |
| Daily flow data end date: | Not Reported | | |
| Daily flow data begin date: | Not Reported | | |
| Peak flow data begin date: | Not Reported | | |
| | | Daily flow data begin date: | Not Reported |
| | | Daily flow data count: | Not Reported |
| | | Peak flow data end date: | Not Reported |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

G22
NNE
1/2 - 1 Mile
Lower

FED USGS USGS3131331

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344141117202501 |
| Site name: | 007N004W18L001S | EDR Site id: | USGS3131331 |
| Latitude: | 344141 | Dec lat: | 34.69471061 |
| Longitude: | 1172025 | Coor meth: | M |
| Dec lon: | -117.34115883 | Latlong datum: | NAD27 |
| Coor accr: | U | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |
| Altitude: | 2495 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Flat surface | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19580528 | 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: | 69 | Hole depth: | Not Reported |
| Source of depth data: | other reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | 0 | | |
| Daily flow data end date: | 0000-00-00 | Daily flow data begin date: | 0000-00-00 |
| 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 end date: | 0000-00-00 | Water quality data begin date: | 0000-00-00 |
| Water quality data count: | 0 | | |
| Ground water data begin date: | 1958-05-28 | Ground water data end date: | 1958-05-28 |
| Ground water data count: | 1 | | |

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|
| ----- | | |
| 1958-05-28 | 24.7 | |

H23
SE
1/2 - 1 Mile
Higher

CA WELLS CADW40000013774

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude: -117.3367
 Latitude: 34.6836
 Stwellno: 07N04W19G001S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000013774

H24
ESE
1/2 - 1 Mile
Higher

FED USGS USGS3131265

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344101117200901 |
| Site name: | 007N004W19G001S | EDR Site id: | USGS3131265 |
| Latitude: | 344101 | Dec lat: | 34.68359999 |
| Longitude: | 1172009 | Coor meth: | M |
| Dec lon: | -117.33671417 | Latlong datum: | NAD27 |
| Coor accr: | U | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |
| Altitude: | 2550 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Not Reported | | |
| Site type: | Ground-water other than Spring | Date construction: | 1912 |
| Date inventoried: | 19580529 | 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: | 243 | Hole depth: | Not Reported |
| Source of depth data: | other reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | 0 | | |
| Daily flow data end date: | 0000-00-00 | Daily flow data begin date: | 0000-00-00 |
| 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 end date: | 0000-00-00 | Water quality data begin date: | 0000-00-00 |
| Water quality data count: | 0 | | |
| Ground water data begin date: | 1958-05-29 | Ground water data end date: | 1958-05-29 |
| Ground water data count: | 1 | | |

Ground-water levels, Number of Measurements: 1

| | Feet below | Feet to | |
|------------|------------|----------|--|
| Date | Surface | Sealevel | |
| ----- | | | |
| 1958-05-29 | 65 | | |

I25
SSW
1/2 - 1 Mile
Higher

FED USGS USGS3131472

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344048117205101 |
| Site name: | 007N005W24J001S | EDR Site id: | USGS3131472 |
| Latitude: | 344048 | Dec lat: | 34.67998893 |
| Longitude: | 1172051 | Coor meth: | M |
| Dec lon: | -117.34838113 | Latlong datum: | NAD27 |
| Coor accr: | U | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |
| Altitude: | 2505 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Alluvial or marine terrace | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19580523 | 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: | 90 | Hole depth: | Not Reported |
| Source of depth data: | other reported | | |
| Project number: | Not Reported | | |
| 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: | 1958-05-23 | Ground water data end date: | 1958-05-23 |
| Ground water data count: | 1 | | |

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|
| ----- | | |
| 1958-05-23 | 30.47 | |

**I26
SSW
1/2 - 1 Mile
Higher**

CA WELLS

CADW40000013725

| | |
|-------------|-----------------|
| Longitude: | -117.3484 |
| Latitude: | 34.68 |
| Stwellno: | 07N05W24J001S |
| Districtco: | 3 |
| Welluseco: | Z |
| Countyco: | 36 |
| Gwcode: | 604200 |
| Site id: | CADW40000013725 |

**J27
NE
1/2 - 1 Mile
Higher**

CA WELLS

CADW40000013957

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude: -117.3367
 Latitude: 34.6947
 Stwellno: 07N04W18K001S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000013957

J28
NE
1/2 - 1 Mile
Higher

FED USGS USGS3131330

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344141117200901 |
| Site name: | 007N004W18K001S | EDR Site id: | USGS3131330 |
| Latitude: | 344141 | Dec lat: | 34.69471065 |
| Longitude: | 1172009 | Coor meth: | M |
| Dec lon: | -117.33671426 | Latlong datum: | NAD27 |
| Coor accr: | U | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |
| Altitude: | 2525 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Not Reported | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19580611 | 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: | 60 | Hole depth: | Not Reported |
| Source of depth data: | reporting agency (generally USGS) | | |
| Project number: | Not Reported | | |
| 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: | 1958-06-11 | Ground water data end date: | 1958-06-11 |
| Ground water data count: | 1 | | |

Ground-water levels, Number of Measurements: 1

| | Feet below | Feet to |
|------|------------|----------|
| Date | Surface | Sealevel |

 1958-06-11

Note: The site was dry (no water level recorded).

K29
SE
1/2 - 1 Mile
Higher

FED USGS USGS3131475

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344052117201001 |
| Site name: | 007N004W19K001S | | |
| Latitude: | 344052 | EDR Site id: | USGS3131475 |
| Longitude: | 1172010 | Dec lat: | 34.68110009 |
| Dec lon: | -117.33699194 | Coor meth: | M |
| Coor accr: | U | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 06 |
| State: | 06 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | HELENDALE | Map scale: | 24000 |
| Altitude: | 2570 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Not Reported | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19580529 | Mean greenwich time offset: | PST |
| Local standard time flag: | Y | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | | |
| Daily flow data end date: | Not Reported | Daily flow data begin date: | Not Reported |
| Peak flow data begin date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data count: | Not Reported | Peak flow data end date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data begin date: | Not Reported |
| Ground water data begin date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data count: | Not Reported | Ground water data end date: | Not Reported |

Ground-water levels, Number of Measurements: 0

**K30
SE
1/2 - 1 Mile
Higher**

FED USGS USGS3131473

| | | | |
|--------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344050117200801 |
| Site name: | 007N004W19K002S | | |
| Latitude: | 344050 | EDR Site id: | USGS3131473 |
| Longitude: | 1172008 | Dec lat: | 34.68054456 |
| Dec lon: | -117.33643636 | Coor meth: | M |
| Coor accr: | U | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 06 |
| State: | 06 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | HELENDALE | Map scale: | 24000 |
| Altitude: | 2570 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Not Reported | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19580529 | Mean greenwich time offset: | PST |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|--------------|
| Local standard time flag: | Y | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

L31
SSE
1/2 - 1 Mile
Higher

CA WELLS CADW40000013714

| | |
|-------------|-----------------|
| Longitude: | -117.3373 |
| Latitude: | 34.6792 |
| Stwellno: | 07N04W19K005S |
| Districtco: | 3 |
| Welluseco: | Z |
| Countyco: | 36 |
| Gwcode: | 604200 |
| Site id: | CADW40000013714 |

L32
SE
1/2 - 1 Mile
Higher

FED USGS USGS3131461

| | | | |
|----------------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344045117201101 |
| Site name: | 007N004W19K005S | | |
| Latitude: | 344045 | EDR Site id: | USGS3131461 |
| Longitude: | 1172011 | Dec lat: | 34.67915572 |
| Dec lon: | -117.33726971 | Coor meth: | M |
| Coor accr: | U | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 06 |
| State: | 06 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | HELENDALE | Map scale: | 24000 |
| Altitude: | 2600 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave, California. Area = 4580 sq.mi. | | |
| Topographic: | Flat surface | | |
| Site type: | Ground-water other than Spring | Date construction: | 1933 |
| Date inventoried: | 19580529 | 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: | 128.4 | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| 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: 0000-00-00 |
| Water quality data end date: 0000-00-00 | Water quality data count: 0 |
| Ground water data begin date: 1958-05-29 | Ground water data end date: 1958-05-29 |
| Ground water data count: 1 | |

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|
| ----- | | |
| 1958-05-29 | 119.09 | |

M33
SE
1/2 - 1 Mile
Higher

FED USGS USGS3131467

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344046117200801 |
| Site name: | 007N004W19K004S | EDR Site id: | USGS3131467 |
| Latitude: | 344046 | Dec lat: | 34.6794335 |
| Longitude: | 1172008 | Coor meth: | M |
| Dec lon: | -117.33643636 | Latlong datum: | NAD27 |
| Coor accr: | U | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |
| Altitude: | 2580 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave, California. Area = 4580 sq.mi. | | |
| Topographic: | Flat surface | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19580529 | Mean greenwich time offset: | PST |
| Local standard time flag: | Y | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

M34
SE
1/2 - 1 Mile
Higher

FED USGS USGS3131471

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344047117200601 |
| Site name: | 007N004W19K003S | | |
| Latitude: | 344047 | EDR Site id: | USGS3131471 |
| Longitude: | 1172006 | Dec lat: | 34.67971127 |
| Dec lon: | -117.33588079 | Coor meth: | M |
| Coor accr: | U | Latlong datum: | NAD27 |
| Dec latlong datum: | NAD83 | District: | 06 |
| State: | 06 | County: | 071 |
| Country: | US | Land net: | Not Reported |
| Location map: | HELENDALE | Map scale: | 24000 |
| Altitude: | 2580 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Flat surface | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19580529 | Mean greenwich time offset: | PST |
| Local standard time flag: | Y | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | Not Reported | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | Daily flow data begin date: | Not Reported |
| Daily flow data end date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data begin date: | Not Reported | Peak flow data end date: | Not Reported |
| Peak flow data count: | Not Reported | Water quality data begin date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data begin date: | Not Reported | Ground water data end date: | Not Reported |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

N35
NNE
1/2 - 1 Mile
Higher

CA WELLS CADW40000013991

| | |
|-------------|-----------------|
| Longitude: | -117.337 |
| Latitude: | 34.6983 |
| Stwellno: | 07N04W18G001S |
| Districtco: | 3 |
| Welluseco: | Z |
| Countyco: | 36 |
| Gwcode: | 604200 |
| Site id: | CADW40000013991 |

O36
North
1/2 - 1 Mile
Lower

FED USGS USGS3131352

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344200117205001 |
| Site name: | 007N005W13H003S | | |
| Latitude: | 344200 | EDR Site id: | USGS3131352 |
| Longitude: | 1172050 | Dec lat: | 34.69998812 |
| Dec lon: | -117.34810352 | 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: | HELENDALE | Map scale: | 24000 |
| Altitude: | 2474.5 | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | .10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Stream channel | | |
| Site type: | Ground-water other than Spring | Date construction: | 19951211 |
| Date inventoried: | 19960123 | 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: | 24.18 | Hole depth: | 26 |
| Source of depth data: | other government (other than USGS) | | |
| Project number: | 470649726 | | |
| Real time data flag: | 0 | | |
| Daily flow data end date: | 0000-00-00 | Daily flow data begin date: | 0000-00-00 |
| Peak flow data begin date: | 0000-00-00 | Daily flow data count: | 0 |
| Peak flow data count: | 0 | Peak flow data end date: | 0000-00-00 |
| Water quality data end date: | 1996-08-02 | Water quality data begin date: | 1996-03-28 |
| Ground water data begin date: | 1996-01-24 | Water quality data count: | 3 |
| Ground water data count: | 89 | Ground water data end date: | 2004-11-04 |

Ground-water levels, Number of Measurements: 89

| Date | Feet below Surface | Feet to Sealevel | Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|------------|-----------------------|---------------------|
| 2004-11-04 | 5.18 | | 2004-10-11 | 8.58 | |
| 2004-09-09 | 7.89 | | 2004-08-02 | 6.83 | |
| 2004-07-12 | 6.05 | | 2004-06-10 | 4.87 | |
| 2004-05-10 | 3.79 | | 2004-04-16 | 3.64 | |
| 2004-03-25 | 3.67 | | 2004-02-19 | 3.98 | |
| 2004-01-15 | 4.56 | | 2003-12-10 | 7.30 | |
| 2003-11-14 | 10.88 | | 2003-10-16 | 8.57 | |
| 2003-09-03 | 7.67 | | 2003-08-05 | 6.80 | |
| 2003-07-10 | 5.77 | | 2003-06-16 | 4.67 | |
| 2003-05-13 | 3.51 | | 2003-04-18 | 3.36 | |
| 2002-03-19 | 1.95 | | 2002-01-31 | 3.64 | |
| 2001-06-15 | 4.35 | | 2001-05-15 | 3.45 | |
| 2001-04-17 | 3.23 | | 2001-03-15 | 3.11 | |
| 2001-02-23 | 3.24 | | 2001-01-18 | 3.70 | |
| 2000-12-15 | 4.24 | | 2000-11-15 | 6.46 | |
| 2000-10-12 | 8.16 | | 2000-09-13 | 7.61 | |
| 2000-08-16 | 6.85 | | 2000-07-20 | 5.86 | |
| 2000-06-19 | 3.54 | | 2000-05-17 | 6.28 | |
| 2000-04-19 | 3.32 | | 2000-03-15 | 3.05 | |
| 2000-02-17 | 3.30 | | 2000-01-19 | 3.60 | |
| 1999-12-16 | 4.54 | | 1999-11-15 | 7.44 | |
| 1999-10-21 | 7.40 | | 1999-09-13 | 6.54 | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

| Date | Feet below Surface | Feet to Sealevel | Date | Feet below Surface | Feet to Sealevel |
|------------|--------------------|------------------|------------|--------------------|------------------|
| 1999-08-16 | 5.08 | | 1999-07-15 | 4.87 | |
| 1999-06-15 | 3.68 | | 1999-05-18 | 3.00 | |
| 1999-04-19 | 2.74 | | 1999-03-15 | 2.66 | |
| 1999-02-25 | 2.47 | | 1999-01-15 | 2.57 | |
| 1998-12-16 | 2.71 | | 1998-11-12 | 2.94 | |
| 1998-10-12 | 3.45 | | 1998-09-15 | 3.63 | |
| 1998-08-17 | 4.14 | | 1998-07-15 | 3.04 | |
| 1998-06-16 | 2.24 | | 1998-05-11 | 1.74 | |
| 1998-04-15 | 1.48 | | 1998-03-12 | 2.01 | |
| 1998-02-17 | 2.43 | | 1998-01-16 | 3.43 | |
| 1997-12-19 | 3.98 | | 1997-11-12 | 7.17 | |
| 1997-10-13 | 7.94 | | 1997-09-12 | 7.27 | |
| 1997-08-12 | 6.28 | | 1997-07-14 | 5.20 | |
| 1997-06-12 | 3.86 | | 1997-05-27 | 3.18 | |
| 1997-05-14 | 2.99 | | 1997-04-15 | 2.77 | |
| 1997-03-13 | 2.79 | | 1997-02-14 | 2.97 | |
| 1997-01-16 | 3.15 | | 1996-12-16 | 3.71 | |
| 1996-11-13 | 5.79 | | 1996-10-16 | 7.60 | |
| 1996-09-16 | 6.93 | | 1996-08-19 | 6.12 | |
| 1996-08-02 | 5.49 | | 1996-07-15 | 4.76 | |
| 1996-06-18 | 3.65 | | 1996-05-14 | 3.13 | |
| 1996-03-28 | 2.64 | | 1996-03-14 | 2.64 | |
| 1996-01-24 | 3.11 | | | | |

**P37
NNW
1/2 - 1 Mile
Lower**

FED USGS USGS3131346

| | | | |
|----------------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344159117205701 |
| Site name: | 007N005W13H001S | EDR Site id: | USGS3131346 |
| Latitude: | 344159 | Dec lat: | 34.69971034 |
| Longitude: | 1172057 | Coor meth: | M |
| Dec lon: | -117.35004802 | Latlong datum: | NAD27 |
| Coor accr: | S | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |
| Altitude: | 2474.9 | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | .10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Stream channel | | |
| Site type: | Ground-water other than Spring | Date construction: | 19951211 |
| Date inventoried: | 19960124 | 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: | 86.20 | Hole depth: | 101 |
| Source of depth data: | other government (other than USGS) | | |
| Project number: | 470649726 | | |
| 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 end date: 1996-08-02
 Ground water data begin date: 1996-01-24
 Ground water data count: 88

Water quality data begin date: 1996-04-11
 Water quality data count: 2
 Ground water data end date: 2004-10-11

Ground-water levels, Number of Measurements: 88

| Date | Feet below Surface | Feet to Sealevel | Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|------------|-----------------------|---------------------|
| 2004-10-11 | 18.71 | | 2004-09-09 | 19.27 | |
| 2004-08-02 | 18.85 | | 2004-07-12 | 18.20 | |
| 2004-06-10 | 17.87 | | 2004-05-10 | 15.85 | |
| 2004-04-16 | 15.13 | | 2004-03-25 | 13.85 | |
| 2004-02-19 | 14.92 | | 2004-01-15 | 15.90 | |
| 2003-12-10 | 16.84 | | 2003-11-14 | 18.04 | |
| 2003-10-16 | 18.85 | | 2003-09-03 | 18.93 | |
| 2003-08-05 | 18.09 | | 2003-07-10 | 17.85 | |
| 2003-06-16 | 17.62 | | 2003-05-13 | 16.05 | |
| 2003-04-18 | 15.45 | | 2001-06-15 | 18.36 | |
| 2001-05-15 | 17.20 | | 2001-04-17 | 15.85 | |
| 2001-03-15 | 14.05 | | 2001-02-23 | 13.92 | |
| 2001-01-18 | 14.94 | | 2000-12-15 | 15.16 | |
| 2000-11-15 | 16.38 | | 2000-10-12 | 17.94 | |
| 2000-09-13 | 20.51 | | 2000-08-16 | 20.98 | |
| 2000-07-20 | 19.16 | | 2000-06-19 | 19.73 | |
| 2000-05-17 | 19.42 | | 2000-04-19 | 17.20 | |
| 2000-03-15 | 14.71 | | 2000-02-17 | 13.98 | |
| 2000-01-19 | 14.56 | | 1999-12-16 | 14.89 | |
| 1999-11-15 | 15.49 | | 1999-10-21 | 17.24 | |
| 1999-09-13 | 19.62 | | 1999-08-16 | 17.05 | |
| 1999-07-15 | 15.65 | | 1999-06-15 | 15.02 | |
| 1999-05-18 | 15.82 | | 1999-04-19 | 15.51 | |
| 1999-03-15 | 14.15 | | 1999-02-25 | 13.71 | |
| 1999-01-15 | 13.55 | | 1998-12-16 | 13.95 | |
| 1998-11-12 | 14.80 | | 1998-10-12 | 15.95 | |
| 1998-09-15 | 17.12 | | 1998-08-17 | 17.82 | |
| 1998-07-15 | 17.65 | | 1998-06-16 | 15.52 | |
| 1998-05-11 | 14.17 | | 1998-04-15 | 14.16 | |
| 1998-03-12 | 12.76 | | 1998-02-17 | 13.45 | |
| 1998-01-16 | 14.51 | | 1997-12-19 | 15.21 | |
| 1997-11-12 | 17.23 | | 1997-10-13 | 19.46 | |
| 1997-09-12 | 22.65 | | 1997-08-12 | 22.07 | |
| 1997-07-14 | 27.37 | | 1997-06-12 | 20.97 | |
| 1997-05-27 | 20.08 | | 1997-05-14 | 20.72 | |
| 1997-04-15 | 18.98 | | 1997-03-13 | 17.46 | |
| 1997-02-14 | 15.50 | | 1997-01-16 | 14.89 | |
| 1996-12-16 | 15.74 | | 1996-11-13 | 17.10 | |
| 1996-10-16 | 20.44 | | 1996-10-09 | 21.07 | |
| 1996-09-16 | 21.57 | | 1996-08-19 | 21.01 | |
| 1996-08-02 | 21.56 | | 1996-07-15 | 20.75 | |
| 1996-06-18 | 19.61 | | 1996-05-14 | 18.82 | |
| 1996-04-11 | 17.78 | | 1996-03-25 | 16.48 | |
| 1996-03-14 | 14.15 | | 1996-01-24 | 13.77 | |

**P38
 NNW
 1/2 - 1 Mile
 Lower**

FED USGS USGS3131347

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344159117205702 |
| Site name: | 007N005W13H002S | | |
| Latitude: | 344159 | EDR Site id: | USGS3131347 |
| Longitude: | 1172057 | Dec lat: | 34.69971034 |
| Dec lon: | -117.35004802 | 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: | HELENDALE | Map scale: | 24000 |
| Altitude: | 2474.9 | | |
| Altitude method: | Level or other surveying method | | |
| Altitude accuracy: | .10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Stream channel | | |
| Site type: | Ground-water other than Spring | Date construction: | 19951211 |
| Date inventoried: | 19960124 | 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: | 24.12 | Hole depth: | 26 |
| Source of depth data: | other government (other than USGS) | | |
| Project number: | 470649726 | | |
| Real time data flag: | 0 | | |
| Daily flow data end date: | 0000-00-00 | Daily flow data begin date: | 0000-00-00 |
| Peak flow data begin date: | 0000-00-00 | Daily flow data count: | 0 |
| Peak flow data count: | 0 | Peak flow data end date: | 0000-00-00 |
| Water quality data end date: | 1996-08-02 | Water quality data begin date: | 1996-03-28 |
| Ground water data begin date: | 1996-01-24 | Water quality data count: | 3 |
| Ground water data count: | 89 | Ground water data end date: | 2004-11-04 |

Ground-water levels, Number of Measurements: 89

| Date | Feet below Surface | Feet to Sealevel | Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|------------|-----------------------|---------------------|
| 2004-11-04 | 2.51 | | 2004-10-11 | 7.66 | |
| 2004-09-09 | 7.09 | | 2004-08-02 | 6.04 | |
| 2004-07-12 | 5.24 | | 2004-06-10 | 3.81 | |
| 2004-05-10 | 2.27 | | 2004-04-16 | 2.07 | |
| 2004-03-25 | 2.11 | | 2004-02-19 | 2.18 | |
| 2004-01-15 | 2.33 | | 2003-12-10 | 4.19 | |
| 2003-11-14 | 7.97 | | 2003-10-16 | 7.68 | |
| 2003-09-03 | 6.83 | | 2003-08-05 | 5.96 | |
| 2003-07-10 | 4.91 | | 2003-06-16 | 4.72 | |
| 2003-05-13 | 2.14 | | 2003-04-18 | 1.98 | |
| 2001-07-19 | 4.75 | | 2001-06-15 | 3.21 | |
| 2001-05-15 | 1.83 | | 2001-04-17 | 1.72 | |
| 2001-03-15 | 1.61 | | 2001-02-23 | 1.66 | |
| 2001-01-18 | 1.74 | | 2000-12-15 | 2.00 | |
| 2000-11-15 | 3.20 | | 2000-10-12 | 7.09 | |
| 2000-09-13 | 6.60 | | 2000-08-16 | 5.89 | |
| 2000-06-19 | 4.88 | | 2000-05-17 | 4.67 | |
| 2000-04-19 | 1.74 | | 2000-03-15 | 1.61 | |
| 2000-02-17 | 1.66 | | 2000-01-19 | 1.76 | |
| 1999-12-16 | 2.02 | | 1999-11-15 | 6.24 | |
| 1999-10-21 | 6.43 | | 1999-09-13 | 5.72 | |
| 1999-08-16 | 4.95 | | 1999-07-15 | 3.99 | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

| Date | Feet below Surface | Feet to Sealevel | Date | Feet below Surface | Feet to Sealevel |
|------------|--------------------|------------------|------------|--------------------|------------------|
| 1999-06-15 | 2.69 | | 1999-05-18 | 1.80 | |
| 1999-04-19 | 1.57 | | 1999-03-15 | 1.47 | |
| 1999-02-25 | 1.33 | | 1999-01-15 | 1.26 | |
| 1998-12-16 | 1.25 | | 1998-11-12 | 1.46 | |
| 1998-10-12 | 1.62 | | 1998-09-15 | 1.81 | |
| 1998-08-17 | 3.14 | | 1998-07-15 | 1.52 | |
| 1998-06-16 | 1.26 | | 1998-05-11 | 0.61 | |
| 1998-04-15 | 0.64 | | 1998-03-12 | 1.23 | |
| 1998-02-17 | 1.24 | | 1998-01-16 | 1.62 | |
| 1997-12-19 | 1.73 | | 1997-11-12 | 5.91 | |
| 1997-10-13 | 7.03 | | 1997-09-12 | 6.41 | |
| 1997-08-12 | 5.44 | | 1997-07-14 | 4.33 | |
| 1997-06-12 | 2.87 | | 1997-05-27 | 1.99 | |
| 1997-05-14 | 1.55 | | 1997-04-15 | 1.44 | |
| 1997-03-13 | 1.41 | | 1997-02-14 | 1.42 | |
| 1997-01-16 | 1.42 | | 1996-12-16 | 1.56 | |
| 1996-11-13 | 2.34 | | 1996-10-16 | 6.62 | |
| 1996-10-09 | 6.52 | | 1996-09-16 | 5.95 | |
| 1996-08-19 | 5.52 | | 1996-08-02 | 4.46 | |
| 1996-07-15 | 3.65 | | 1996-06-18 | 2.70 | |
| 1996-05-14 | 1.39 | | 1996-03-28 | 1.18 | |
| 1996-03-25 | 1.22 | | 1996-03-14 | 1.16 | |
| 1996-01-24 | 1.41 | | | | |

**O39
NNW
1/2 - 1 Mile
Lower**

CA WELLS CADW40000014009

Longitude: -117.3481
 Latitude: 34.7
 Stwellno: 07N05W13H003S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000014009

**N40
NE
1/2 - 1 Mile
Higher**

FED USGS USGS3131344

| | | | |
|--------------------|-----------------|----------------|-----------------|
| Agency cd: | USGS | Site no: | 344154117201001 |
| Site name: | 007N004W18G001S | EDR Site id: | USGS3131344 |
| Latitude: | 344154 | Dec lat: | 34.69832161 |
| Longitude: | 1172010 | Coor meth: | M |
| Dec lon: | -117.33699208 | Latlong datum: | NAD27 |
| Coor accr: | U | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 2520
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 10
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Mojave. California. Area = 4580 sq.mi.
 Topographic: Not Reported
 Site type: Ground-water other than Spring Date construction: 195005
 Date inventoried: Not Reported Mean greenwich time offset: PST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: 100 Hole depth: Not Reported
 Source of depth data: driller
 Project number: Not Reported
 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: 1950-05-00 Ground water data end date: 1997-05-28
 Ground water data count: 3

Ground-water levels, Number of Measurements: 3

| Date | Feet below Surface | Feet to Sealevel | Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|------------|-----------------------|---------------------|
| 1997-05-28 | 62.17 | | 1960-03-04 | 62.86 | |
| 1950-05 | 58 | | | | |

**P41
NNW
1/2 - 1 Mile
Lower**

CA WELLS CADW40000014005

Longitude: -117.3501
 Latitude: 34.6997
 Stwellno: 07N05W13H001S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000014005

**P42
NNW
1/2 - 1 Mile
Lower**

CA WELLS CADW40000014006

Longitude: -117.3501
 Latitude: 34.6997
 Stwellno: 07N05W13H002S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000014006

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

Q43
North
1/2 - 1 Mile
Lower

CA WELLS CADW40000014022

Longitude: -117.3453
 Latitude: 34.7011
 Stwellno: 07N04W18D001S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000014022

Q44
North
1/2 - 1 Mile
Lower

FED USGS USGS3131356

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344204117204301 |
| Site name: | 007N004W18D001 | EDR Site id: | USGS3131356 |
| Latitude: | 344204 | Dec lat: | 34.7010992 |
| Longitude: | 1172043 | Coor meth: | M |
| Dec lon: | -117.34615903 | Latlong datum: | NAD27 |
| Coor accr: | U | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 2400 |
| Location map: | HELENDALE | | |
| Altitude: | 2475 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave, California. Area = 4580 sq.mi. | | |
| Topographic: | Flat surface | | |
| Site type: | Ground-water other than Spring | Date construction: | 195305 |
| Date inventoried: | 19580527 | 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: | 40 | Hole depth: | Not Reported |
| Source of depth data: | other reported | | |
| Project number: | Not Reported | | |
| 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: | 1958-05-27 | Ground water data end date: | 1971-04-19 |
| Ground water data count: | 22 | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 22

| Date | Feet below Surface | Feet to Sealevel | Date | Feet below Surface | Feet to Sealevel |
|----------------------------------|--------------------|------------------|------------|--------------------|------------------|
| 1971-04-19 | 7.14 | | 1970-11-12 | 9.96 | |
| 1970-03-24 | 7.66 | | 1969-10-30 | 8.43 | |
| 1968-11-15 | 12.01 | | 1968-04-11 | 8.43 | |
| 1967-10-25 | 10.96 | | 1967-03-16 | 7.43 | |
| 1966-10-20 | 11.62 | | 1966-03-17 | 6.31 | |
| 1965-10-21 | 11.51 | | 1965-03-11 | 6.99 | |
| 1964-10-15 | | | | | |
| Note: The site was being pumped. | | | | | |
| 1964-03-09 | 6.15 | | 1963-10-31 | 11.33 | |
| 1963-03-14 | 6.86 | | 1962-11-02 | 10.88 | |
| 1962-03-15 | 4.90 | | 1961-10-27 | 10.95 | |
| 1961-03-09 | 4.63 | | 1960-11-17 | 4.62 | |
| 1958-05-27 | 4.54 | | | | |

**Q45
North
1/2 - 1 Mile
Lower**

FED USGS USGS3131360

| | | | |
|--------------------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344205117204101 |
| Site name: | 007N004W18D002 | EDR Site id: | USGS3131360 |
| Latitude: | 344205 | Dec lat: | 34.70137697 |
| Longitude: | 1172041 | Coor meth: | M |
| Dec lon: | -117.34560346 | Latlong datum: | NAD27 |
| Coor accr: | U | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |
| Altitude: | 2475 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Not Reported | | |
| Site type: | Ground-water other than Spring | Date construction: | 1947 |
| Date inventoried: | Not Reported | Mean greenwich time offset: | PST |
| Local standard time flag: | Y | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | Not Reported | | |
| Well depth: | 217 | Hole depth: | Not Reported |
| Source of depth data: | driller | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | | |
| Daily flow data end date: | Not Reported | | |
| Daily flow data begin date: | Not Reported | | |
| Peak flow data begin date: | Not Reported | | |
| Peak flow data count: | Not Reported | | |
| Water quality data end date: | Not Reported | | |
| Water quality data begin date: | Not Reported | | |
| Water quality data count: | Not Reported | | |
| Ground water data begin date: | Not Reported | | |
| Ground water data count: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

R46
South
1/2 - 1 Mile
Higher

FED USGS USGS3131420

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344030117204401 |
| Site name: | 007N004W19N003S | | |
| Latitude: | 344030 | EDR Site id: | USGS3131420 |
| Longitude: | 1172044 | Dec lat: | 34.67498915 |
| Dec lon: | -117.34643659 | 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: | HELENDALE | Map scale: | 24000 |
| Altitude: | 2520 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave, California. Area = 4580 sq.mi. | | |
| Topographic: | Not Reported | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19911115 | 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: | 173.00 | Hole depth: | Not Reported |
| Source of depth data: | Not Reported | | |
| Project number: | 470649700 | | |
| 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: | 1991-11-19 | Ground water data end date: | 1994-11-16 |
| Ground water data count: | 7 | | |

Ground-water levels, Number of Measurements: 7

| Date | Feet below Surface | Feet to Sealevel | Date | Feet below Surface | Feet to Sealevel |
|------------|--------------------|------------------|------------|--------------------|------------------|
| 1994-11-16 | 18.61 | | 1994-03-24 | 18.11 | |
| 1993-11-16 | 18.56 | | 1993-03-24 | 17.35 | |
| 1992-11-17 | 19.05 | | 1992-03-09 | 19.07 | |
| 1991-11-19 | 20.98 | | | | |

R47
South
1/2 - 1 Mile
Higher

CA WELLS CADW40000013589

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude: -117.3464
 Latitude: 34.675
 Stwellno: 07N04W19N003S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000013589

S48
South
1/2 - 1 Mile
Higher

CA WELLS CADW40000013590

Longitude: -117.3417
 Latitude: 34.675
 Stwellno: 07N04W19N002S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000013590

Q49
North
1/2 - 1 Mile
Lower

FED USGS USGS3131362

| | | |
|---|--|--|
| Agency cd: USGS | Site no: 344206117204001 | |
| Site name: 007N004W18D003 | | |
| Latitude: 344206 | EDR Site id: USGS3131362 | |
| Longitude: 1172040 | Dec lat: 34.70165474 | |
| Dec lon: -117.34532567 | Coor meth: M | |
| Coor accr: U | Latlong datum: NAD27 | |
| Dec latlong datum: NAD83 | District: 06 | |
| State: 06 | County: 071 | |
| Country: US | Land net: Not Reported | |
| Location map: Not Reported | Map scale: Not Reported | |
| Altitude: 2475 | | |
| Altitude method: Interpolated from topographic map | | |
| Altitude accuracy: 10 | | |
| Altitude datum: National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: Flat surface | | |
| Site type: Ground-water other than Spring | Date construction: 195607 | |
| Date inventoried: 19580527 | 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: 30 | Hole depth: Not Reported | |
| Source of depth data: other reported | | |
| Project number: Not Reported | | |
| Real time data flag: Not Reported | Daily flow data begin date: Not Reported | |
| Daily flow data end date: Not Reported | Daily flow data count: Not Reported | |
| Peak flow data begin date: Not Reported | Peak flow data end date: Not Reported | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

S50
SSE
1/2 - 1 Mile
Higher

FED USGS USGS3131419

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344030117202701 |
| Site name: | 007N004W19N002S | EDR Site id: | USGS3131419 |
| Latitude: | 344030 | Dec lat: | 34.67498919 |
| Longitude: | 1172027 | Coor meth: | M |
| Dec lon: | -117.34171424 | 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: | HELENDALE | | |
| Altitude: | 2535 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 1 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19930120 | 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: | 125 | Hole depth: | 125 |
| Source of depth data: | owner | | |
| Project number: | 470642400 | | |
| Real time data flag: | 0 | | |
| Daily flow data end date: | 0000-00-00 | Daily flow data begin 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 end date: | 1993-01-20 | Water quality data begin date: | 1993-01-20 |
| Water quality data count: | 1 | | |
| Ground water data begin date: | 1993-01-20 | Ground water data end date: | 1993-01-20 |
| Ground water data count: | 1 | | |

Ground-water levels, Number of Measurements: 1

| | Feet below | Feet to |
|------------|------------|----------|
| Date | Surface | Sealevel |
| ----- | | |
| 1993-01-20 | 38.63 | |

T51
SSE
1/2 - 1 Mile
Higher

CA WELLS CADW40000013605

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude: -117.3392
 Latitude: 34.6753
 Stwellno: 07N04W19Q001S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000013605

U52
NNE
1/2 - 1 Mile
Higher

CA WELLS CADW40000014014

Longitude: -117.337
 Latitude: 34.7005
 Stwellno: 07N04W18B001S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000014014

V53
SSW
1/2 - 1 Mile
Higher

FED USGS USGS3131421

| | | |
|---|--|--|
| Agency cd: USGS | Site no: 344030117205701 | |
| Site name: 007N005W24R009S | | |
| Latitude: 344030 | EDR Site id: USGS3131421 | |
| Longitude: 1172057 | Dec lat: 34.67498912 | |
| Dec lon: -117.3500478 | 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: HELENDALE | Map scale: 24000 | |
| Altitude: 2502 | | |
| Altitude method: Altimeter | | |
| Altitude accuracy: 1.0 | | |
| Altitude datum: National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: CoyoteCuddeback Lakes. California. Area = 1820 sq.mi. | | |
| Topographic: Flood plain | | |
| Site type: Ground-water other than Spring | Date construction: Not Reported | |
| Date inventoried: 19870422 | 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: Unconfined single aquifer | | |
| Aquifer: Not Reported | | |
| Well depth: 51 | Hole depth: 51 | |
| Source of depth data: reporting agency (generally USGS) | | |
| Project number: 470649700 | | |
| 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 end date: 0000-00-00
 Ground water data begin date: 1981-08-14
 Ground water data count: 28

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 2004-07-13

Ground-water levels, Number of Measurements: 28

| Date | Feet below Surface | Feet to Sealevel | Date | Feet below Surface | Feet to Sealevel |
|------------|--------------------|------------------|------------|--------------------|------------------|
| 2004-07-13 | 7.81 | | 2004-06-22 | 7.54 | |
| 2003-12-12 | 7.44 | | 2003-04-01 | 7.24 | |
| 2002-12-04 | 6.56 | | 2002-04-24 | 8.23 | |
| 2001-03-21 | 6.57 | | 2000-10-19 | 7.49 | |
| 2000-03-23 | 7.24 | | 1999-10-12 | 8.20 | |
| 1999-03-24 | 9.22 | | 1998-10-07 | 8.12 | |
| 1998-04-07 | 4.74 | | 1997-10-09 | 7.40 | |
| 1997-03-18 | 5.89 | | 1996-10-09 | 7.85 | |
| 1996-03-28 | 5.42 | | 1995-11-09 | 6.48 | |
| 1995-03-21 | 2.72 | | 1994-11-16 | 4.64 | |
| 1994-03-08 | 4.56 | | 1993-11-16 | 5.28 | |
| 1993-03-24 | 4.67 | | 1992-11-17 | 6.44 | |
| 1992-03-09 | 5.38 | | 1991-11-22 | 7.39 | |
| 1987-04-22 | 13.20 | | | | |

Note: The site was being pumped.

1981-08-14 8

**V54
 SSW
 1/2 - 1 Mile
 Higher**

FED USGS USGS3131424

| | | | |
|----------------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344030117205801 |
| Site name: | 007N005W24R010S | EDR Site id: | USGS3131424 |
| Latitude: | 344030 | Dec lat: | 34.67498912 |
| Longitude: | 1172058 | Coord meth: | M |
| Dec lon: | -117.35032559 | Latlong datum: | NAD27 |
| Coord acc: | S | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |
| Altitude: | 2510 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave, California. Area = 4580 sq.mi. | | |
| Topographic: | Not Reported | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19911122 | 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: | 470649700 | | |
| 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 end date: 0000-00-00
 Ground water data begin date: 1991-11-22
 Ground water data count: 26

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 2004-09-15

Ground-water levels, Number of Measurements: 26

| Date | Feet below Surface | Feet to Sealevel | Date | Feet below Surface | Feet to Sealevel |
|------------|--------------------|------------------|------------|--------------------|------------------|
| 2004-09-15 | 8.27 | | 2004-03-10 | 7.06 | |
| 2003-10-27 | 8.07 | | 2003-04-01 | 7.47 | |
| 2002-12-04 | 7.40 | | 2002-04-24 | 8.65 | |
| 2001-03-21 | 7.07 | | 2000-10-19 | 8.06 | |
| 2000-03-23 | 7.61 | | 1999-10-12 | 8.75 | |
| 1999-03-24 | 8.51 | | 1998-10-07 | 8.76 | |
| 1998-04-07 | 5.84 | | 1997-10-09 | 7.76 | |
| 1997-03-18 | 6.43 | | 1996-10-09 | 8.11 | |
| 1996-03-28 | 5.71 | | 1995-11-09 | 6.59 | |
| 1995-03-21 | 4.21 | | 1994-11-16 | 5.76 | |
| 1994-03-24 | 5.59 | | 1993-11-16 | 6.54 | |
| 1993-03-24 | 4.38 | | 1992-11-17 | 7.76 | |
| 1992-03-09 | 7.45 | | 1991-11-22 | 9.84 | |

**T55
SSE
1/2 - 1 Mile
Higher**

FED USGS USGS3131427

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344031117201801 |
| Site name: | 007N004W19Q001S | EDR Site id: | USGS3131427 |
| Latitude: | 344031 | Dec lat: | 34.67526698 |
| Longitude: | 1172018 | Coor meth: | M |
| Dec lon: | -117.33921418 | Latlong datum: | NAD27 |
| Coor accr: | S | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |
| Altitude: | 2600 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 20 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave, California. Area = 4580 sq.mi. | | |
| Topographic: | Not Reported | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | 19911115 | 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: | 470649700 | | |
| 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: | 1992-02-17 | Ground water data end date: | 1992-02-17 |
| Ground water data count: | 1 | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|--------------------|------------------|
| 1992-02-17 | 69.35 | |

W56
North
1/2 - 1 Mile
Lower

CA WELLS CADW40000014036

Longitude: -117.3448
 Latitude: 34.7022
 Stwellno: 07N04W18D004S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000014036

W57
North
1/2 - 1 Mile
Lower

FED USGS USGS3131128

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344208117203801 |
| Site name: | 007N004W18D004S | EDR Site id: | USGS3131128 |
| Latitude: | 344208 | Dec lat: | 34.70221028 |
| Longitude: | 1172038 | Coor meth: | M |
| Dec lon: | -117.34477011 | Latlong datum: | NAD27 |
| Coor accr: | U | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | Not Reported |
| Location map: | Not Reported | | |
| Altitude: | 2475 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Flat surface | | |
| Site type: | Ground-water other than Spring | Date construction: | 195607 |
| Date inventoried: | 19580528 | 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: | 30 | Hole depth: | Not Reported |
| Source of depth data: | other reported | | |
| Project number: | Not Reported | | |
| 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: | 1958-05-28 | Ground water data end date: | 1958-05-28 |
| Ground water data count: | 1 | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|--------------------|------------------|
| 1958-05-28 | 7.85 | |

**V58
SSW
1/2 - 1 Mile
Higher**

CA WELLS CADW40000013588

Longitude: -117.3501
 Latitude: 34.675
 Stwellno: 07N05W24R009S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000013588

**V59
SSW
1/2 - 1 Mile
Higher**

CA WELLS CADW40000013587

Longitude: -117.3503
 Latitude: 34.675
 Stwellno: 07N05W24R010S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000013587

**U60
NNE
1/2 - 1 Mile
Higher**

FED USGS USGS3131354

| | | | |
|--------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344202117201001 |
| Site name: | 007N004W18B001S | EDR Site id: | USGS3131354 |
| Latitude: | 344202 | Dec lat: | 34.70054374 |
| Longitude: | 1172010 | Coor meth: | M |
| Dec lon: | -117.33699209 | Latlong datum: | NAD27 |
| Coor accr: | U | District: | 06 |
| Dec latlong datum: | NAD83 | County: | 071 |
| State: | 06 | Land net: | Not Reported |
| Country: | US | Map scale: | 24000 |
| Location map: | HELENDALE | | |
| Altitude: | 2495 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 10 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave, California. Area = 4580 sq.mi. | | |
| Topographic: | Flat surface | | |
| Site type: | Ground-water other than Spring | Date construction: | 1945 |
| Date inventoried: | 19580528 | Mean greenwich time offset: | PST |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|--------------------|------------------|
| 1958-05-27 | 6.26 | |

T62
SSE
1/2 - 1 Mile
Higher

CA WELLS CADW40000013579

Longitude: -117.3387
 Latitude: 34.6747
 Stwellno: 07N04W19P004S
 Districtco: 3
 Welluseco: Z
 Countyco: 36
 Gwcode: 604200
 Site id: CADW40000013579

63
South
1/2 - 1 Mile
Higher

FED USGS USGS3131401

| | | | |
|-------------------------------|--|--------------------------------|-----------------|
| Agency cd: | USGS | Site no: | 344027117205201 |
| Site name: | 007N005W25A005S | EDR Site id: | USGS3131401 |
| Latitude: | 344027 | Dec lat: | 34.67415583 |
| Longitude: | 1172052 | Coor meth: | M |
| Dec lon: | -117.34865887 | 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: | HELENDALE | | |
| Altitude: | 2510 | | |
| Altitude method: | Interpolated from topographic map | | |
| Altitude accuracy: | 5 | | |
| Altitude datum: | National Geodetic Vertical Datum of 1929 | | |
| Hydrologic: | Mojave. California. Area = 4580 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | 19830426 |
| Date inventoried: | 19920709 | 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: | 250 | Hole depth: | 250 |
| Source of depth data: | owner | | |
| Project number: | 470649725 | | |
| 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: | 1993-01-20 |
| Water quality data end date: | 1993-01-20 | Water quality data count: | 1 |
| Ground water data begin date: | 1992-07-09 | Ground water data end date: | 1992-07-09 |
| Ground water data count: | 1 | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

| Date | Feet below Surface | Feet to Sealevel |
|------------|-----------------------|---------------------|
| ----- | | |
| 1992-07-09 | 43.75 | |

Note: The site had been pumped recently.

V64
SSW
1/2 - 1 Mile
Higher

CA WELLS CADW40000013558

| | |
|-------------|-----------------|
| Longitude: | -117.3487 |
| Latitude: | 34.6742 |
| Stwellno: | 07N05W25A005S |
| Districtco: | 3 |
| Welluseco: | Z |
| Countyco: | 36 |
| Gwcode: | 604200 |
| Site id: | CADW40000013558 |

Y65
SSE
1/2 - 1 Mile
Higher

CA WELLS CADW40000013591

| | |
|-------------|-----------------|
| Longitude: | -117.3373 |
| Latitude: | 34.675 |
| Stwellno: | 07N04W19Q005S |
| Districtco: | 3 |
| Welluseco: | Z |
| Countyco: | 36 |
| Gwcode: | 604200 |
| Site id: | CADW40000013591 |

Y66
SSE
1/2 - 1 Mile
Higher

CA WELLS CADW40000013592

| | |
|-------------|-----------------|
| Longitude: | -117.3373 |
| Latitude: | 34.675 |
| Stwellno: | 07N04W19Q006S |
| Districtco: | 3 |
| Welluseco: | Z |
| Countyco: | 36 |
| Gwcode: | 604200 |
| Site id: | CADW40000013592 |

Y67
SSE
1/2 - 1 Mile
Higher

CA WELLS CADW40000013593

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude: -117.3373
Latitude: 34.675
Stwellno: 07N04W19Q007S
Districtco: 3
Welluseco: Z
Countyco: 36
Gwcode: 604200
Site id: CADW40000013593

**X68
NNW
1/2 - 1 Mile
Lower**

CA WELLS CADW40000014028

Longitude: -117.3501
Latitude: 34.7019
Stwellno: 07N05W13A001S
Districtco: 3
Welluseco: Z
Countyco: 36
Gwcode: 604200
Site id: CADW40000014028

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for SAN BERNARDINO County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN BERNARDINO COUNTY, CA

Number of sites tested: 18

| <u>Area</u> | <u>Average Activity</u> | <u>% <4 pCi/L</u> | <u>% 4-20 pCi/L</u> | <u>% >20 pCi/L</u> |
|-------------------------|-------------------------|----------------------|---------------------|-----------------------|
| Living Area - 1st Floor | 0.678 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^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO SOLAR SITE**

**APPENDIX E
EDR ENVIRONMENTAL LIEN REPORT**

Alamo Solar Site

Alamo Solar Site
Oro Grande, CA 92368

Inquiry Number: 3495738.7
January 23, 2013

EDR Environmental Lien and AUL Search

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

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

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

Thank you for your business.

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

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

Alamo Solar Site
Alamo Solar Site
Oro Grande, CA 92368

RESEARCH SOURCE

Source 1:

San Bernardino county recorder
San Bernardino, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed: Deed
Title is vested in: Kenneth Edward Hainje
Title received from: M. L. J. Corp
Deed Dated: 8/26/1999
Deed Recorded: 10/1/1999
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: Kenneth Edward Hainje

Parcel # / Property Identifier: 0470-021-09

Comments: see exhibit

Deed 2:

Type of Deed: Deed
Title is vested in: Jerome R Fisher
Title received from: Brenda Joyce Fisher
Deed Dated: 11/7/2011
Deed Recorded: 11/29/2011
Book: NA
Page: na
Volume: na
Instrument: na
Docket: NA
Land Record Comments:

EDR Environmental Lien and AUL Search

Miscellaneous Comments: see exhibit
na

Legal Description: see exhibit

Legal Current Owner: Jerome R Fisher

Parcel # / Property Identifier: 0470-041-01

Comments: see exhibit

Deed 3:

Type of Deed: Deed
Title is vested in: David L Wilkens & Karen Ontiveros Wilkins
Title received from: Pamela Briggs ETAL
Deed Dated: 3/8/2002
Deed Recorded: 8/1/2002
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: David L Wilkens & Karen Ontiveros Wilkins

Parcel # / Property Identifier: 0469-011-68

Comments: see exhibit

Deed 4:

Type of Deed: Deed
Title is vested in: Brian J Cocker
Title received from: Citi Bank NA
Deed Dated: 6/2/2011
Deed Recorded: 6/9/2011
Book: na
Page: na
Volume: NA
Instrument: na
Docket: NA
Land Record Comments: see exhibit
Miscellaneous Comments: na

Legal Description: see exhibit

EDR Environmental Lien and AUL Search

Legal Current Owner: Brian J Cocker

Parcel # / Property Identifier: 0470-011-35

Comments: see exhibit

Deed 5:

Type of Deed: Deed
Title is vested in: Benjamin Duenas
Title received from: Alicia Duenas
Deed Dated: 5/9/2007
Deed Recorded: 5/31/2007
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: Benjamin Duenas

Parcel # / Property Identifier: 0470-051-01

Comments: see exhibit

Deed 6:

Type of Deed: deed
Title is vested in: Martin Vasquez & Elida Vasquez
Title received from: Lionel G. Parra & Richard G. Parra
Deed Dated: 4/26/2005
Deed Recorded: 7/6/2005
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: Martin Vasquez & Elida Vasquez

Parcel # / Property Identifier: 0470-051-14, 0470-051-15

EDR Environmental Lien and AUL Search

Comments: see exhibit

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found Not Found

Deed Exhibit 1

RECORDED AT THE REQUEST OF:
FIRST AMERICAN TITLE INSURANCE CO.
RECORDING REQUESTED BY:

Recorded in Official Records, County of
San Bernardino, Larry Walker, Recorder

Doc No. 19990415440
3:00pm 10/01/99

First American Title B # 601

Escrow No. 6589-CH
Title Order No. DC271589

When Recorded Mail Document
and Tax Statement To:

Mr. Kenneth Edward Hainje.
P.O. Box 413
Helendale, CA 92342

271589-12

| | | | | | | | | | | | | | | | | | | | |
|--------|-------------------------------------|-----|--------------------------|-----------|--------------------------|--------|--------------------------|------|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|
| 1 | <input checked="" type="checkbox"/> | 2 | <input type="checkbox"/> | 3 | <input type="checkbox"/> | 4 | <input type="checkbox"/> | 5 | <input type="checkbox"/> | 6 | <input type="checkbox"/> | 7 | <input type="checkbox"/> | 8 | <input type="checkbox"/> | 9 | <input type="checkbox"/> | 0 | <input type="checkbox"/> |
| PG | FEE | APF | GIMS | PH CPY | CRT CPY | ADD NM | PEN PR | PCOR | | | | | | | | | | | |
| | 17 | | | | | | | | | | | | | | | | | | |
| | | 10 | 513 | 66.00 | | | 6.00 | 14 | | | | | | | | | | | |
| NON ST | LN | SVY | CIT-CO | TRANS TAX | DA | CHRG | EXAM | | | | | | | | | | | | |

APN: 470-021-09

GRANT DEED

The undersigned grantor(s) declare(s)
Documentary transfer tax is \$ 66.00

- computed on full value of property conveyed, or
- computed on full value less value of liens or encumbrances remaining at time of sale,
- Unincorporated Area City of Helendale

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, M.L.J. Corporation, a California Corporation

hereby GRANT(S) to Kenneth Edward Hainje, an Unmarried Man

the following described real property in the City of Helendale

County of San Bernardino, State of California: The Southwest 1/4 of the Southwest 1/4 of Section 18 and that portion of the Southeast 1/4 of the Southwest 1/4 of Section 18, lying West of the West line of the Atchinson, Topeka and the Santa Fe Railroad right of way, Township 7 North Range 4 West, San Bernardino Base and Meridian, in the County of San Bernardino State of California according to the official plat of said land on file in the District Land Office. Excepting therefrom 1/2 of all oil, gas and petroleum deposits in, on and/or under said land, together with the right to enter upon said land and explore for, develop, take and remove the 1/2 of all deposits reserved by Arrowhead Lake Company a Corporation in Deed recorded July 6, 1923.
DATED: August 26, 1999

STATE OF CALIFORNIA
COUNTY OF San Bernardino
ON August 30, 1999 before me,
Betty J. Giron personally appeared

M.L.J. Corporation, a California corporation

By: *Jeffrey D. Kabakoff*
Jeffrey D. Kabakoff

Jeffrey D. Kabakoff
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) 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 *Betty J. Giron*



MAIL TAX STATEMENTS AS DIRECTED ABOVE

Deed Exhibit 2

Meridian, in the County of San Bernardino, State of California, according to Government Survey; **EXCEPT** the right of way of the Atchison, Topeka and Santa Fe Railway, if same crosses any part of the premises; **ALSO EXCEPT** all State and County roads or highways.

[Commonly known as 53 National Trail,
Oro Grande, California 92368
APN 0470-041-01-0-0000]

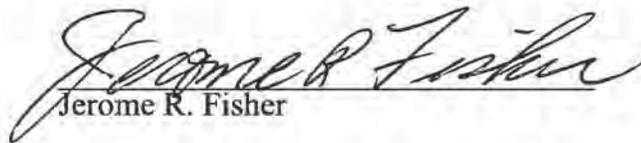
3. At the time of decedent's death, decedent was the owner, as Trustee, with deponent, as Trustee, of certain real property acquired by a deed recorded on March 9, 1998, as Instrument No. 1998008234/7 in Official Records of San Bernardino County, California, located in the County of San Bernardino, State of California, and more particularly described as follows:

The Southeast one-quarter of the Northeast one-quarter of Section 24, Township 7 North, Range 5 West, San Bernardino Base and Meridian, according to the official Plat of said land approved by the Surveyor General September 19, 1856.

[Commonly known as 23730 Aster Road,
Oro Grande, California 92368
APN 0470-011-07-0-0000]

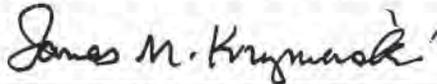
4. I am the surviving Trustee of the same trust under which said decedent held title as trustee pursuant to the deed described above, and am designated and empowered pursuant to the terms of said trust to serve as Trustee thereof.

I declare under penalty of perjury under the laws of California that the foregoing is true and correct, and that I executed this Affidavit on November 7, 2011, at Van Nuys, California.


Jerome R. Fisher

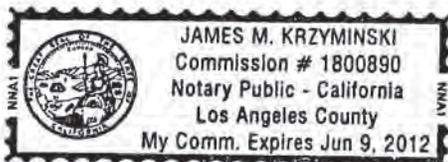
Subscribed and Sworn to before me, James M. Krzyminski, this 7th day of November, 2011, by Jerome R. Fisher, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

WITNESS my hand and official seal.



Notary Public in and for said
State and County

[ctd\affdtee.fisher]
20366.001A



COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC HEALTH

CERTIFICATE OF DEATH

3200919047205

STATE FILE NUMBER: 1. NAME OF DECEDENT - FIRST (Given): **BRENDA**; MIDDLE: **JOYCE**; LAST (Family): **FISHER**

AKA, ALSO KNOWN AS - (Include full AKA (FIRST, MIDDLE, LAST))

4. DATE OF BIRTH: **07/30/1940**; 5. AGE Yrs: **69**; 6. SEX: **F**

8. BIRTH STATE/FOREIGN COUNTRY: **IN**; 10. SOCIAL SECURITY NUMBER: **5257**; 11. EVER IN U.S. ARMED FORCES? YES NO UNK; 12. MARITAL STATUS (at Time of Death): **MARRIED**; 7. DATE OF DEATH: **11/14/2009**; 8. HOUR (24 Hours): **1758**

13. EDUCATION - (Highest Level/Degree (see work sheet on back)): **11**; 14. WAS DECEDENT HISPANIC/LATINO (SPANISH)? YES NO; 18. DECEDENT'S RACE - (Up to 3 races may be listed (see worksheet on back)): **CAUCASIAN**

17. USUAL OCCUPATION - Type of work for most of life. DO NOT USE RETIRED: **HAND DEBURRING TECHNICIAN**; 19. KIND OF BUSINESS OR INDUSTRY (e.g., grocery store, retail construction, employment agency, etc.): **METAL FINISHING**; 19. YEARS IN OCCUPATION: **UNK**

20. DECEDENT'S RESIDENCE (Street and number or location): **14253 VALERIO ST.**

21. CITY: **VAN NUYS**; 22. COUNTY/PROVINCE: **LOS ANGELES**; 23. ZIP CODE: **91405**; 24. YEARS IN COUNTY: **59**; 25. STATE/FOREIGN COUNTRY: **CA**

26. INFORMANT'S NAME, RELATIONSHIP: **JERI LEA FISHER-MILLER, DAUGHTER**; 27. INFORMANT'S MAILING ADDRESS (Street and number or rural route number, city or town, state, ZIP): **20701 STEPHANIE DR, WINNETKA, CA 91306**

28. NAME OF SURVIVING SPOUSE - FIRST: **JEROME**; MIDDLE: **RICHARD**; LAST: **FISHER**

31. NAME OF FATHER - FIRST: **LEROY**; MIDDLE: **MORTON**; LAST: **KIMMEL**

35. NAME OF MOTHER - FIRST: **DICEY**; MIDDLE: **PAULINE**; LAST: **BLAKELY**

34. BIRTH STATE: **IN**; 38. BIRTH STATE: **IN**

39. DISPOSITION DATE: **11/30/2009**; 40. PLACE OF FINAL DISPOSITION: **RES JERI LEA FISHER-MILLER 20701 STEPHANIE DR, WINNETKA, CA 91306**

41. TYPE OF DISPOSITION(S): **CR/RES**; 42. SIGNATURE OF EMBALMER: **LAURIE NELSON-AKST**; 43. LICENSE NUMBER: **EMB8192**

44. NAME OF FUNERAL ESTABLISHMENT: **GROMAN EDEN MORTUARY**; 45. LICENSE NUMBER: **FD1070**; 46. SIGNATURE OF LOCAL REGISTRAR: **JONATHAN FIELDING, MD**; 47. DATE: **11/28/2009**

101. PLACE OF DEATH: **VALLEY PRESBYTERIAN HOSPITAL**; 102. IF HOSPITAL, SPECIFY ONE: IP ER/OP OGA Hospice; 103. IF OTHER THAN HOSPITAL, SPECIFY ONE: Nursing Home/LTC Decedent's Home Other

104. COUNTY: **LOS ANGELES**; 105. FACILITY ADDRESS OR LOCATION WHERE FOUND (Street and number or location): **15107 VANOWEN ST**; 106. CITY: **VAN NUYS**

107. CAUSE OF DEATH: **PULMONARY EMBOLISM**; **SEVERE CHRONIC OBSTRUCTIVE PULMONARY DISEASE**

112. OTHER SIGNIFICANT CONDITIONS CONTRIBUTING TO DEATH BUT NOT RESULTING IN THE UNDERLYING CAUSE GIVEN IN 107: **HYPERTENSION**

113. WAS OPERATION PERFORMED FOR ANY CONDITION IN ITEM 107 OR 112 (If yes, list type of operation and date): **NO**; 113A. IF FEMALE, PREGNANT IN LAST YEAR: YES NO UNK

114. I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE DEATH OCCURRED AT THE HOUR, DATE, AND PLACE STATED FROM THE CAUSES STATED. (Manner of Death): **07/13/2005**; 115. SIGNATURE AND TITLE OF CERTIFIER: **ARDESHIR SOROUSHYARI, M.D.**; 116. TYPE ATTENDING PHYSICIAN'S NAME, MAILING ADDRESS, ZIP CODE: **ARDESHIR SOROUSHYARI, M.D. 18370 BURBANK BLVD STE 601, TARZANA, CA 91356**; 117. LICENSE NUMBER: **A74069**; 117. DATE: **11/28/2009**

118. I CERTIFY THAT IN MY OPINION DEATH OCCURRED AT THE HOUR, DATE, AND PLACE STATED FROM THE CAUSES STATED. MANNER OF DEATH: Natural Accidental Homicide Suicide Pending Investigation Could not be determined; 119. INJURED AT WORK? YES NO UNK; 120. INJURY DATE: **11/13/2009**; 121. HOUR (24 Hours): **1758**

122. PLACE OF INJURY (e.g., home, construction site, wooded area, etc.): **124. DESCRIBE HOW INJURY OCCURRED (Event which resulted in injury):**

123. LOCATION OF INJURY (Street and number, or location, and city and ZIP): **125. SIGNATURE OF CORONER / DEPUTY CORONER:** **Jonathan E. Fielding, MD**; 126. DATE: **11/28/2009**; 127. TYPE NAME, TITLE OF CORONER / DEPUTY CORONER: **Jonathan E. Fielding, MD**

STATE REGISTRAR: **A B C D E**; FAX AUTH. #; CENSUS TRACT

This is a true certified copy of the record filed in the County of Los Angeles Department of Public Health if it bears the Registrar's signature in purple ink.

Jonathan E. Fielding, MD
 Director of Public Health and Registrar

This copy not valid unless prepared on engraved border displaying seal and signature of Registrar



Deed Exhibit 3

Reported at the Request of
First American Title Insurance Co.

RECORDING REQUESTED BY

AND WHEN RECORDED MAIL TO:
DAVID L. WILKINS
KAREN ONTIVEROS WILKINS
*15930 Manzanita Street
Hesperia, Ca. 92345*

Mail Tax Statements to: SAME AS ABOVE

Recorded in Official Records, County of San Bernardino

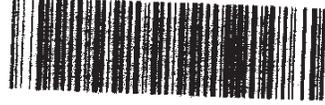


LARRY WALKER
Auditor/Controller - Recorder

648 First American Title

8/01/2002
8:00 AM
VT

Doc#: 2002 - 0402725



Titles: 1 Pages: 3
Fees 12.00
Taxes 0.00
Other 0.00
PAID \$12.00

A.P.N.: 0459-11 -68

Order No.: 527598

Space Above This Line for Recorder's Use Only

Escrow No.: 1-22572-KS

*This document has been executed
in Counterpart. (Five of Five)*

GRANT DEED

THE UNDERSIGNED GRANTOR(S) DECLARE(S) THAT DOCUMENTARY TRANSFER TAX IS: COUNTY \$ see Counterpart Doc 0
 computed on full value of property conveyed, or
 computed on full value less value of liens or encumbrances remaining at time of sale,

FOR A VALUABLE CONSIDERATION, Receipt of which is hereby acknowledged,
PAMELA BRIGGS, A MARRIED WOMAN AS HER SOLE AND SEPARATE PROPERTY and PHYLLIS SKIRVIN, A MARRIED WOMAN AS HER SOLE AND SEPARATE PROPERTY and DENNIS MANN and PAULA MANN, HUSBAND AND WIFE AS JOINT TENANTS and ROY LEE PUCKETT and PATRICIA LYNN PUCKETT, HUSBAND AND WIFE AS JOINT TENANTS and WARREN CHARLES GILLETTE, A WIDOWER

hereby GRANT(S) to DAVID L. WILKINS and KAREN ONTIVEROS WILKINS, HUSBAND AND WIFE AS JOINT TENANTS

the following described property in the UNINCORPORATED AREA, County of SAN BERNARDINO State of California;

LEGAL DESCRIPTION PER EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF.

Document Date: March 8, 2002

PAMELA BRIGGS

ROY LEE PUCKETT

PHYLLIS SKIRVIN

PATRICIA LYNN PUCKETT

DENNIS MANN

Warren Charles Gillette

WARREN CHARLES GILLETTE
WARREN CHARLES GILLETTE

PAULA MANN

A.P.N.: 0459-001-68

CONTINUATION OF GRANT DEED

STATE OF CALIFORNIA)
COUNTY OF Orange)

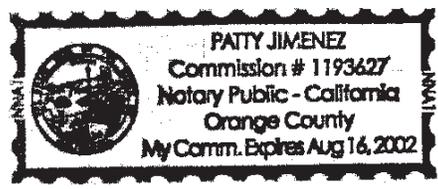
On 3-13-02 before me, Patty Jimenez Notary Public

personally appeared Wesley Charles Gillette

~~personally known to me or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) 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 he/she/they 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 Patty Jimenez



This area for official notarial seal.

EXHIBIT "A"

LEGAL DESCRIPTION

Real property in the unincorporated area of the County of San Bernardino, State of California, described as follows:

That portion of the Northeast 1/4 of Section 25, Township 7 North, Range 5 West, San Bernardino Base and Meridian, in the County of San Bernardino, State of California, according to the official plat of said land approved by the Surveyor General, September 19, 1856, described as follows:

Commencing at the Northeast corner of the Northeast 1/4 of the Northeast 1/4 of Section 25, Township 7 North, Range 5 West, Thence West 450 feet to a point; Thence South 300 feet to a point; Thence East 150 feet to a point; Thence South 1020 feet to a point; Thence East 300 feet to a point; Thence North 1320 feet to the Point of beginning.

Excepting therefrom 1/2 of all the oil, gas and petroleum, together with the right to enter upon the land and explore for, develop, take and remove such oil, gas and petroleum, as reserved by Arrowhead Lake Corporation, in deed recorded January 11, 1938 in book 1249, of Official Records, page 367.

Also Excepting therefrom that portion of the Northeast 1/4 of Section 25, Township 7 North, Range 5 West, San Bernardino Base and Meridian, described as follows:

Commencing at the Northeast corner of said Section 25, thence South 0 degrees 46' 11" East, 1,320.02 feet to the true point of beginning, thence South 89 degrees 33' 43" West, 300 feet, Thence North 0 degrees 26' 17" West, 275 feet; Thence South 89 degrees 33' 43" East, 300 feet; Thence South 0 degrees 46' 11 " East, 275 feet to the true point of beginning, as recorded June 12, 1979 in book 9705, page 1259 official records.

APN: 0469-011-68-0-00

Deed Exhibit 4

RECORDING REQUESTED BY
FIRST AMERICAN TITLE INSURANCE COMPANY

Recorded In Official Records, County of San Bernardino



DENNIS DRAEGER
ASSESSOR - RECORDER - CLERK

6/09/2011
1:00 PM
BGJ

691 First American

RECORDING REQUESTED BY:
The Heritage Escrow Company

AND WHEN RECORDED MAIL TO:
AND MAIL TAX STATEMENT TO:
Brian Crocker

9128 Woodcliff Rd
Phelan, CA 92371

Order No. 4707123
Escrow No. 301-78220-KLN
Parcel No. 0470-011-35-0-000

Doc#: 2011 - 0234478



| | | | |
|----------------|----------------|---------------|---|
| Titles: | 1 | Pages: | 2 |
| Fees | 28.00 | | |
| Taxes | 35.75 | | |
| Other | 0.00 | | |
| PAID | \$63.75 | | |

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GRANT DEED

THE UNDERSIGNED GRANTOR(S) DECLARE(S) THAT DOCUMENTARY TRANSFER TAX IS \$35.75 and CITY \$
 x computed on full value of property conveyed, or
 computed on full value less liens or encumbrances remaining at the time of sale.
 unincorporated area: City of Oro Grande

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

 J.
hereby GRANTS to **Brian Crocker**, an unmarried man

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

THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 24, TOWNSHIP 7 NORTH, RANGE 5 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT OF SAID LAND ON FILE IN THE DISTRICT LAND OFFICE.

EXCEPTING THEREFROM THAT PORTION DESCRIBED AS FOLLOWS:
BEGINNING AT THE NORTHEAST CORNER OF THE SOUTHEAST QUARTER OF SAID SECTION 24;
THENCE SOUTH 89°19'50" WEST ALONG THE NORTH LINE OF SAID SOUTHEAST QUARTER, 1277.62 FEET TO THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF SAID SOUTHEAST QUARTER;
THENCE SOUTH 00°38'54" EAST ALONG THE WEST LINE OF SAID NORTHEAST QUARTER, 489.97 FEET;
THENCE NORTH 89°19'50" EAST, PARALLEL WITH THE NORTH LINE OF SAID SOUTHEAST QUARTER, 1272.31 FEET TO A POINT ON THE EAST LINE OF SAID QUARTER SECTION;
THENCE NORTH 00°01'35" WEST ALONG SAID EAST LINE 490.00 FEET TO THE POINT OF BEGINNING.

THIS LEGAL IS MADE PURSUANT TO THAT CERTAIN CERTIFICATE OF COMPLIANCE NO. DN0040-92, RECORDED JULY 30, 1992, INSTRUMENT NO. 92-316726 AND ALSO RECORDED AUGUST 7, 1992, AS INSTRUMENT NO. 92-328394, OF OFFICIAL RECORDS.

Date June 2, 2011

CITI BANK NA.
By: , Authorized Signer

Charlotte Elliott

Authorized Signor of National Default REO Services, a Delaware Limited Liability Company dba First American Asset Closing Services ("FAACS"), as Attorney in fact and/or agent

Mail Tax Bill TO Above Address

STATE OF ~~CALIFORNIA~~ ^{Texas}
COUNTY OF Dallas

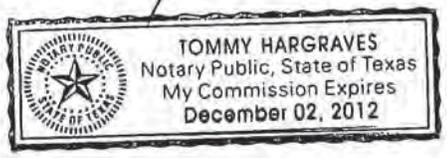
On June 7, 2011, before me, Tommy Hargraves,
Notary Public, personally appeared Charlotte Elliott

V.P., who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Handwritten Signature] (Seal)



Deed Exhibit 5

RECORDING REQUESTED BY:
United Title Company - Inland Empire Div.

AND WHEN RECORDED MAIL TO:

Benjamin Duenas
PO Box 3061
Ontario, CA 91761

Title Order No. 50609632 - 63
Escrow No. 6006595



LARRY WALKER
Auditor/Controller - Recorder
693 United Title

Doc #: 2007-0326752



| | | | |
|---------|---|--------|------|
| Titles: | 1 | Pages: | 2 |
| Fees | | | 9.00 |
| Taxes | | | .00 |
| Other | | | .00 |
| PAID | | | 9.00 |

Space above this line for Recorder's use

INTERSPOUSAL GRANT DEED

(Excluded from reappraisal under California Constitution Article 13A §1 et seq.)

- THE UNDERSIGNED GRANTOR(S) DECLARE(S) A.P.N. 0470-051-01-0-000
 COUNTY TRANSFER TAX: **EXEMPT/SPOUSAL TRANSFER** CITY TRANSFER TAX: **EXEMPT**
- (x) This is an INTERSPOUSAL TRANSFER and not a change in ownership under § 63 of the Revenue and Taxation Code and Grantor(s) has(have) checked the applicable exclusion from reappraisal;
 - () A transfer to a trustee for the beneficial use of a spouse, or the surviving spouse of a deceased transferor, or by a trustee of such a trust to the spouse of the trustor;
 - () A transfer to a spouse or former spouse in connection with a property settlement agreement or decree of dissolution of a marriage or legal separation;
 - () A creation, transfer, or termination, solely between spouses, of any co-owner's interest;
 - () The distribution of a legal entity's property to a spouse or former spouse in exchange for the interest of such spouse in the legal entity in connection with a property settlement agreement or a decree of dissolution of a marriage or legal separation;
 - (x) Release of any community property by non-title spouse.

GRANTOR: Alicia Duenas, Spouse of grantee

hereby GRANT(S) to: Benjamin Duenas, A Married Man as His Sole and Separate Property
the following real property in the Unincorporated Area, County of San Bernardino, State of California, described as:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

COMMONLY KNOWN AS: VACANT LAND APN #0470-051-01-0-000, Oro Grande, CA

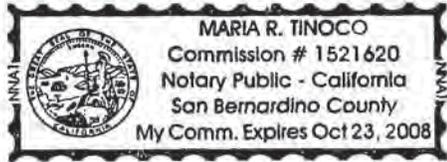
Dated: May 9, 2007

Alicia J. Duenas
Alicia Duenas

STATE OF CALIFORNIA)
COUNTY OF San Bernardino)ss

On May 15, 2007 before me
Maria R. Tinoco, Notary Public
Personally appeared Alicia Duenas

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person() whose name() is/ are subscribed to the within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in ~~his~~/her/~~its~~ authorized capacity(ies), and that by ~~his~~/her/~~its~~ signature() on the instrument the person(), or the entity upon behalf of which the person() acted, executed the instrument.



WITNESS my hand and official seal.
Signature *Maria R. Tinoco*

MAIL TAX STATEMENTS AS DIRECTED ABOVE

EXHIBIT "A"

THAT PORTION OF THE SOUTHWEST ¼ OF THE SOUTHWEST ¼ OF SECTION 19, TOWNSHIP 7 NORTH, RANGE 4 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT OF SAID LAND ON FILE IN THE DISTRICT LAND OFFICE, LYING WESTERLY OF THE WESTERLY LINE OF THE ATCHISON, TOPEKA & SANTA FE RAILROAD RIGHT OF WAY.

RESERVING ONTO THE GRANTOR ALL WATER RIGHTS HEREIN EXCEPTING TWO (2) ACRE FEET, AS CONVEYED IN GRANT DEED RECORDED MAY 25, 2001 AS INSTRUMENT NO. 20010204014, OFFICIAL RECORDS.

Deed Exhibit 6

FIRST AMERICAN TITLE

RECORDING REQUESTED BY



LARRY WALKER
Auditor/Controller - Recorder

711 First American - JP

AND WHEN RECORDED MAIL TO:

MARTIN VASQUEZ
ELIDA VASQUEZ

*14523 Melrose Avenue
Oro Grande, CA*

Doc #: 2005-0484517



Titles: 1 Pages: 3

Fees 22.00

Taxes 220.00

Other .00

PAID 242.00

Space Above This Line for Recorder's Use Only

A.P.N.: 0470-051-14/15-0-000

Order No.: 1885555 -LI

Escrow No.: 1-34980-LM

pm

GRANT DEED

THE UNDERSIGNED GRANTOR(S) DECLARE(S) THAT DOCUMENTARY TRANSFER TAX IS: COUNTY \$ 220.00
[X] computed on full value of property conveyed, or
[] computed on full value less value of liens or encumbrances remaining at time of sale,

FOR A VALUABLE CONSIDERATION, Receipt of which is hereby acknowledged,
LIONEL G. PARRA AND RICHARD G. PARRA, SUCCESSOR TRUSTEES OF THE EMILIO M. PARRA AND TRINIDAD G. PARRA JOINT LIVING TRUST DATED JULY 29, 2004

hereby GRANT(S) to **MARTIN VASQUEZ and ELIDA VASQUEZ** , HUSBAND AND WIFE AS JOINT TENANTS

the following described property in the UNINCORPORATED AREA, County of SAN BERNARDINO State of California;

LEGAL DESCRIPTION PER EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF.

Document Date: April 26, 2005

**LIONEL G. PARRA AND RICHARD G. PARRA,
SUCCESSOR TRUSTEES OF THE EMILIO M.
PARRA AND TRINIDAD G. PARRA JOINT
LIVING TRUST DATED JULY 29, 2004**

By: *Lionel G. Parra* Successor Trustee
LIONEL G. PARRA, SUCCESSOR TRUSTEE

By: *Richard G. Parra* Successor Trustee
RICHARD G. PARRA, SUCCESSOR TRUSTEE

GRANT DEED CONTINUED ON NEXT PAGE

Mail Tax Statements to: SAME AS ABOVE

A.P.N.: 0470-051-14/15-0-000

CONTINUATION OF GRANT DEED

STATE OF CALIFORNIA)
COUNTY OF San Bernardino)

On May 2nd 2005 before me, Regina C. Reynolds
personally appeared Lionel G. Parra & Richard G. Parra

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 Regina C. Reynolds



This area for official notarial seal.

Title Order Number:

File Number: 0622-1885555

Exhibit "A"

Real property in the City of County of San Bernardino, County of San Bernardino, State of California, described as follows:

Parcel No. 1:

The East 1067 feet as measured along the South line of the following described property:

That portion of the Northwest 1/4 of the Southwest 1/4 of Section 19, Township 7 North, Range 4 West, San Bernardino Base and Meridian, in the County of San Bernardino, State of California, lying West of the right of way of the Atchison, Topeka, and, Santa Fe Railway Company, according to the Official Plat of said land approved by The Surveyor General, dated September 19, 1856, more particularly described as follows:

Beginning at the Northwest corner of the Northwest 1/4, of the Southwest 1/4 of said Section 19; thence Easterly along the Northerly line of said 1/4 Section, 1200 feet, more or less, to the said railroad right of way; thence Southwesterly and parallel with the said right of way, to a point which is 440 feet from and measured at right angles to the North line of the said Northwest 1/4 of the Southwest 1/4 of Section 19, thence Westerly, parallel to said North line, 1163 feet, more or less, to the West line of said Section; thence Northerly along the West line of said Section, 440 feet, more or less to the point of beginning.

Parcel No. 2:

That portion of the Southwest 1/4 of Section 19, Township 7 North, Range 4 West, San Bernardino Base and Meridian, in the County of San Bernardino, State of California, lying Westerly of the Atchison, Topeka and Santa Fe Railway right of way, according to the Official Plat of said land approved by The Surveyor General, dated September 19, 1856, being more particularly described as follows:

Commencing at the Southwest corner of that certain property described as Parcel No 2 in the deed to Don J. Parsons, et ux., recorded May 17, 1955 in Book 3646, page 67, Official Records; thence Easterly along the South line of said parcel to a point 1067 feet West of the said railroad right of way; thence South, parallel to the Southerly extension of the West line of said Parcel No. 2, a distance of 50 feet; thence East, parallel to the South line of said Parcel No. 2; to the Westerly line of said railroad right of way, thence Northerly along the said railroad right of way to the Southeast corner of said Parcel No. 2; thence West along the South line of said Parcel No. 2 to the true point of beginning.

APN: 0470-051-14-0-000 and 0470-051-14-0-000

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
ALAMO SOLAR SITE**

**APPENDIX F
AAI USER QUESTIONNAIRES**



**AAI Questionnaire
E.ON Alamo Solar Site
Phase I ESA Project
APN 0470-021-09**

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?

None

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 1999, farmed for alfalfa.
Previously farmed for alfalfa.

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?

Agriculture

- b. Do you know of specific chemicals that are present or once were present at the property?

None

- 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).

APN 0470-021-09

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 residential structure in southeast corner – abandoned

One garage in southwest corner

Two steel frame barn structures

Two small wood sheds

Three water supply wells



One septic tank located south of steel frame barn structure in southeast corner

10. Knowledge or previous owners and/or previous uses of the property?

Purchased in 1999 from JR Fisher, current owner of parcel (APN 0470-041-01)

11. Current or previous deeds?

Ed Hainje

12. The site contact name and number.

Ed Hainje 760-447-6931

13. Previous reports available? Any other available documentation, correspondence, etc. concerning the environmental condition of the property?

None

Completed by: Tricia Winterbauer URS Corporation based on phone interview with Ed Hainje

Date Completed: February 20, 2013



SITE HISTORY INTERVIEW

Name and title of person interviewed

Ed Hainje

Current Owner of the Property

Ed Hainje

Past Owners of the Property (give dates)

Purchased in 1999 from JR Fisher, current owner of the southern parcel (APN 0470-041-01)

Current Use of the Property

Agriculture

Past Use of the Property (give dates)

Agriculture

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 residential structure in southeast corner – abandoned
One garage in southwest corner
Two steel frame barn structures
Two small wood sheds
Three water supply wells
One septic tank located south of steel frame barn structure in southeast corner

Were hazardous materials historically used on the property? What types? (Pesticides, fertilizers, heating oil)

None

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?

None

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)

None

Are there vaults, utility access points?

One septic tank located south of steel frame barn structure in southeast corner

Evidence of underground utilities/piping?

None

Are any wells located on the property? If so describe type and age.

Three water supply wells.

Are any pipelines on the property?

None



**AAI Questionnaire
E.ON Alamo Solar Site
Phase I ESA Project
APN 0470-041-01**

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?

None

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 1982, farmed for alfalfa until 1991.
Previously farmed for alfalfa.

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?

Previously farmed for alfalfa.

- b. Do you know of specific chemicals that are present or once were present at the property?

Used cattle and chicken manure to fertilize fields. No chemicals.

- 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).

APN 0470-041-01

- 9. A description of the property (i.e. acreage, square footage, number of buildings, other structures, age of buildings, above/underground storage tanks, etc.)

79.43 acres

Contains one pump house structure in middle of site



10. Knowledge or previous owners and/or previous uses of the property?

Purchased from Gomez Family

11. Current or previous deeds?

JR Fisher

12. The site contact name and number.

JR Fisher 818-781-7049

13. Previous reports available? Any other available documentation, correspondence, etc. concerning the environmental condition of the property?

None

Completed by: [Tricia Winterbauer, URS Corporation based on phone interview with JR Fisher.](#)

Date Completed: [February 21, 2013](#)



SITE HISTORY INTERVIEW

Name and title of person interviewed

JR Fisher

Current Owner of the Property

JR Fisher

Past Owners of the Property (give dates)

Purchased from Gomez Family

Current Use of the Property

Vacant

Past Use of the Property (give dates)

Farmed for alfalfa until 1991.

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?

Pump House in middle of Site

Were hazardous materials historically used on the property? What types? (Pesticides, fertilizers, heating oil)

None

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

Has not been actively farmed since 1991. Overgrown. Aboveground wheel irrigation sitting abandoned on surface.

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?

None

Is there evidence of soil staining, vegetation abnormalities, evidence of spills?

Minor staining beneath irrigation wheel motors.

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)

None

Are there vaults, utility access points?

None

Evidence of underground utilities/piping?

Irrigation piping

Are any wells located on the property? If so describe type and age.

Three water supply wells onsite. None active.

Are any pipelines on the property?

Irrigation piping



**AAI Questionnaire
E.ON Alamo Solar Site
Phase I ESA Project
0470-011-35**

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?

Not aware of any.

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?

Not aware of any.

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?

Property owner

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?

Not sure.

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?

Not aware of any.



- a. Do you know the past uses of the property?

Owner of the property for 1.5 years. Property has never been occupied during ownership.

Previously owned since 2005 and used as livestock ranch.
Previously used for agriculture prior to 2005.

- b. Do you know of specific chemicals that are present or once were present at the property?

Not aware of any.

- c. Do you know of spills or chemical releases that have taken place at the property?

Not aware of any.

- d. Do you know of any environmental cleanups that have taken place at the property?

Not aware of any.

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?

Not aware of any.

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).

0470-011-35

9. A description of the property (i.e. acreage, square footage, number of buildings, other structures, age of buildings, above/underground storage tanks, etc.)



Two residences, one mobile home, two storage sheds, three water wells, three septic systems, debris and other collapsed structures

10. Knowledge or previous owners and/or previous uses of the property?

Owned for 1.5 year
Previous owner owned since 2005.
Prior to 2005 used for agriculture production.

11. Current or previous deeds?

12. The site contact name and number.

Brian Crocker
760-985-2351

13. Previous reports available? Any other available documentation, correspondence, etc. concerning the environmental condition of the property?

Not aware of any.

Completed by: Anthony Schuetze, URS Corporation based on phone interview with Brian Crocker.

Date Completed: February 14, 2013



SITE HISTORY INTERVIEW

Name and title of person interviewed

Brian Crocker

Current Owner of the Property

Brian Crocker

Past Owners of the Property (give dates)

Previous owner owned since 2005.
Prior to 2005 used for agriculture production.

Current Use of the Property

Not occupied.

Past Use of the Property (give dates)

Livestock, Agriculture

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?

Two residences, one mobile home, two storage sheds, three water wells, three septic systems, debris and other collapsed structures

Were hazardous materials historically used on the property? What types? (Pesticides, fertilizers, heating oil)

None

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)?

Not evaluated, may exist given age of structures.

Is there evidence of refuse, trash, or evidence of dumping or waste disposal activities?

Debris piles throughout.

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 water ASTs

Are there vaults, utility access points?

Reported to contain 3 septic system related to residence

Evidence of underground utilities/piping?

Ranch area not inspected.

Are any wells located on the property? If so describe type and age.

Reported to have 3 water wells

Are any pipelines on the property?

Irrigation pipelines related to irrigation ponds and flood risers.



**AAI Questionnaire
E.ON Alamo Solar Site
Phase I ESA Project
APNs 0470-051-14 and 0470-051-15**

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?

Not aware of any.

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?

Not aware of any.

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?

Son of property owner

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?

Not sure.

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?

Not aware of any.



- a. Do you know the past uses of the property?

Owner of the property since 2005 and used for vacation. Currently renting residence.

Prior to purchase, previously owned for 25 years and used for farming.

- b. Do you know of specific chemicals that are present or once were present at the property?

Not aware of any.

- c. Do you know of spills or chemical releases that have taken place at the property?

Not aware of any.

- d. Do you know of any environmental cleanups that have taken place at the property?

Not aware of any.

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?

Not aware of any.

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.).
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 0470-051-14 and 0470-051-15
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 residence, one mobile home, two storage sheds, two water wells, 1 septic system



10. Knowledge or previous owners and/or previous uses of the property?
Purchased in 2005, previous owner for 25 years was used for farming
11. Current or previous deeds?
12. The site contact name and number.
Martin Vasquez Jr.
310-675-3183
13. Previous reports available? Any other available documentation, correspondence, etc. concerning the environmental condition of the property?

Completed by: Anthony Schuetze, URS Corporation, based on phone interview with Martin Vasquez.

Date Completed: February 13, 2013



SITE HISTORY INTERVIEW

Name and title of person interviewed

Martin Vasquez Jr.

Current Owner of the Property

Martin Vasquez

Past Owners of the Property (give dates)

Unknown owner, previous 25 years (~1980-2005)

Current Use of the Property

Vacation use
Rental property

Past Use of the Property (give dates)

Agriculture

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 residence, one mobile home, two storage sheds, two water wells, 1 septic system

Were hazardous materials historically used on the property? What types? (Pesticides, fertilizers, heating oil)

One residence, one mobile home, two storage sheds, two water wells, 1 septic system

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)?

Interior of two structures not inspected

Is there evidence of refuse, trash, or evidence of dumping or waste disposal activities?

Ranch area not inspected.

Is there evidence of soil staining, vegetation abnormalities, evidence of spills?

Ranch area not inspected.

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)

One ~500 gallon propane tank

Are there vaults, utility access points?

Reported to contain 1 septic system related to residence

Evidence of underground utilities/piping?

Ranch area not inspected.

Are any wells located on the property? If so describe type and age.

Reported to have two water wells; 1 active, 1 out of service

Are any pipelines on the property?

None reported.