



***PHASE I ENVIRONMENTAL SITE ASSESSMENT;  
APPROXIMATE 40(±)-ACRE PARCEL ADJACENT THE EAST  
SIDE OF MESA VERDE ROAD, ASSESSORS PARCEL NUMBER  
APN 129-162-07-00, VALLEY CENTER, SAN DIEGO COUNTY,  
CALIFORNIA***

***NORTHLIGHT POWER, LLC***

***MAY 6, 2013  
J.N. 12-368***

**Riverside County / Environmental**

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May 6, 2013  
J.N. 368-12

**Mr. Chris Purvis**  
**Northlight Power, LLC**  
83 South King Street, Suite 200  
Seattle, Washington 98104

**Subject: Phase I Environmental Site Assessment; Approximate 40(±)-Acre Parcel Adjacent the East Side of Mesa Verde Road, Assessors Parcel Number APN 129-162-07-00, Valley Center, San Diego County, California**

Dear Mr. Purvis:

The Environmental Division of Petra Geotechnical, Inc. (Petra) is pleased to present this Phase I Environmental Site Assessment for the above-referenced site. This investigation has been conducted in accordance with our Proposal No. 1398-12, dated December 10, 2012, and in conformance with the scope and limitations of the standards set forth in the American Society for Testing and Materials (ASTM) Practice E 1527-05 and the EPA's All Appropriate Inquiry (AAI) regulations 40 CFR Part 312. This assessment has revealed no recognized environmental conditions on the subject site.

This opportunity to be of service to you is sincerely appreciated. Please do not hesitate to call this office if you have questions pertaining to this report.

Respectfully submitted,

Petra Geotechnical, Inc.  
**ENVIRONMENTAL DIVISION**

Jonathan Cain  
Senior Project Geologist

Siamak Jafroudi, PhD, GE  
President

## **EXECUTIVE SUMMARY**

### **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

**Approximate 40(±)-Acre Parcel, APN 129-162-07-00,  
Mesa Verde Road, Valley Center,  
San Diego County, California**

### **INTRODUCTION**

The information presented in this report includes the results of our recent field reconnaissance, a review of various federal, state, and local government agency records, and a review of historic aerial photographs and topographic maps for the site vicinity. Our field reconnaissance, data gathering and compilation was performed by Mr. Levon Holmes, Environmental assistant and Mr. Jonathan Cain, Senior Project Geologist, with oversight by Dr. Siamak Jafroudi, President, Petra Geotechnical, Inc.

### **SITE DESCRIPTION AND GENERAL INFORMATION**

- The subject site is located along the east side of Mesa Crest Road and northeast of the intersection of Mesa Crest Road and Avenida Anna Lie in Valley Center, San Diego County, California.
- The subject site is comprised of approximately 40± acres with Assessor Parcel Number (APN) 129-162-07-00.
- The subject site consists of gently rolling to flat topography within the northwest, central and southwest portion of the site and a small hill within the eastern portion with elevation across the site from approximately 1320 feet above mean sea level (msl) to approximately 1400 feet msl.
- No water wells were encountered during the site investigation.
- A single power line with steel poles extends offsite along Avenida Anna Lie to the south, Mesa Crest Road to the west and along the northern property boundary. A single pole mounted transformer was observed near the adjacent residence to the north. No transformers were observed within the site boundary.
- A wooden shack which appears to be a possible storage area for the nursery is located within the northeast portion of the site.
- Scattered debris which consists of old tires, wood debris, dumped household trash along with minor amounts of wind-blown trash was observed throughout the site along with various types of nursery supply trash.
- There was no evidence of sumps, pits, pools, or lagoons identified during our site inspection.
- No vicinity sites were identified in our search of various government agency database records, which appear to have impacted the soils or groundwater beneath the subject site.

### **RECOGNIZED ENVIRONMENTAL CONDITIONS**

Recognized environmental conditions are defined by the American Society of Testing and Materials (ASTM) as any hazardous substance or petroleum product under conditions that indicate an existing, past, or material threat of release into the structures, ground, groundwater, or surface water at the subject site. If the presences of recognized environmental conditions are identified on a subject site, it may warrant additional research, site investigation, and/or action.

We have preformed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of Assessor Parcel Numbers APN 129-162-07-00. Any exceptions to, or deletions from, this practice are described in section titled data gaps of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

1. Because of the site's historical agricultural land use and as a nursery, there is a potential that pesticides and herbicides persistent in the environment were applied and residual concentrations may remain in soil and drainages on the site.
2. As stated within their interview questionnaire, the present owner's acknowledge that their father used diesel oil as a weed killer (simizine) in the 1970's, it was sprayed on the main dirt roadway that provided access to the interior of the property. It was also used randomly for spot use within the groves during the same time period. Therefore, there is the potential that Diesel Hydrocarbon concentrations remain within the soils.

### **OTHER SITE CONSIDERATIONS**

Items, if presented below, are not considered recognized environmental conditions in accordance with ASTM 1527-05. Although these items may warrant consideration in conjunction with any planned development activities, they are not recognized environmental conditions. The information regarding possible actions relative to these items has been provided as guidance.

1. Based upon the historic property use, buried tanks and pipes may have existed or exist, and were not all apparent at the time of our site reconnaissance. This possibility should be considered during planning and construction. Any buried structures encountered should be evaluated by an experienced environmental consultant prior to removal.
2. It is recommended that all trash, debris, and waste material observed on the site be removed and disposed in accordance with current local, state and federal disposal regulations.

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## **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

**Approximate 40(±)-Acre Parcel, APN 129-162-07-00,  
Mesa Verde Road, Valley Center,  
San Diego County, California**

### **INTRODUCTION**

The information presented in this report includes the results of our recent field reconnaissance, a thorough review of various federal, state, and local government agency records, and a review of historic aerial photographs and topographic maps for the site vicinity. This report includes a summary of our findings, our opinion as to the current environmental condition of the site, and recommendations for additional work, if needed.

#### **Purpose**

This investigation was conducted to determine if any recognized environmental conditions exist on the subject site. Recognized environmental conditions are defined by the American Society for Testing and Materials (ASTM) as any hazardous substance or petroleum product under conditions that indicate an existing, past, or material threat of release into the structures, ground, groundwater, or surface water at the subject site.

This investigation is also intended to satisfy the requirement for conducting all appropriate inquiries into the previous ownership and uses of a property for the purposes of meeting the all appropriate inquiries provisions necessary to qualify for certain landowner liability protections under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

We have performed this investigation in conformance with the scope and limitations of the standards set forth in the ASTM Practice E 1527-05 and the EPA's All Appropriate Inquiry (AAI) regulations 40 CFR Part 312.

#### **Involved Parties**

This report was prepared by the Environmental Division of Petra Geotechnical, Inc. (Petra), at the request of Northlight Power, LLC, for their exclusive use. Use of this report or reliance thereon by other parties or projects is not authorized. This report may not be suitable for other parties or other purposes

### **SCOPE OF INVESTIGATION**

The scope of this investigation included the following:

1. Performing a site reconnaissance to identify the current conditions and land use of the subject site and adjoining properties. Visual evidence of prior uses of the subject site and adjoining properties were noted. The site reconnaissance included a visual inspection of the site surface and the site perimeter.
2. Researching historical land use of the subject site and vicinity by reviewing available historical aerial photographs, United States Geologic Survey (USGS) topographic maps, fire insurance maps, city directories, and other reasonably ascertainable maps and data.
3. Conducting a search for environmental liens and Activities and Use Limitations (AULs) for the property.
4. Performing a literature study to identify local and regional geological conditions as they pertain to commenting of recognizes environmental conditions for the site.
5. Obtaining and reviewing a search of pertinent federal, state, and local regulatory agency databases concerning environmental conditions on and in the vicinity of the site. As specified in the ASTM and AAI standards, the following databases were searched using, at a minimum, the recommended search radius:
  - Federal National Priority List (NPL) site list,
  - Federal Delisted NPL site list,
  - Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) site list,
  - Federal CERCLIS- No Further Remedial Action Planned (CERC-NFRAP) site list,
  - Federal Resource Conservation and Recovery Act Information (RCRA) Corrective Action Report (CORRACTS) facilities list,
  - Federal RCRA non-CORRACTS Treat, Store and Dispose (RCRA-TSD) facilities list,
  - Federal RCRA generators list,
  - Federal institutional control/engineering control registries,
  - Federal Emergency Response Notification System (ERNS) list,
  - State and tribal lists of hazardous waste sites identified for investigation or remediation including: State- and tribal-equivalent NPL, State, and tribal-equivalent CERCLIS lists,
  - State and tribal landfill and/or solid waste disposal site lists,
  - State and tribal leaking storage tank lists,
  - State and tribal registered storage tank lists,
  - State and tribal institutional control/engineering control registries,
  - State and tribal voluntary cleanup sites, and
  - State and tribal Brownfield sites.

In the interest of thoroughness, numerous non-ASTM and non-AAI required databases were also searched. These databases are listed and discussed in the database search included within this report.

6. Contacting and interviewing knowledgeable persons, such as property owners, managers, and representatives of local government agencies regarding historical site use and current site conditions, if possible.
7. Evaluating the presence of recognized environmental conditions at the subject site through visual observation and research of reasonably ascertainable records. Recognized environmental conditions may include the presence of hazardous materials, petroleum products, underground storage tanks, above ground storage tanks, drums, chemical containers, polychlorinated biphenyls, liquid or solid wastes, oil wells, and areas indicative of potential contamination including stained soils and/or pavement, stressed vegetation, drains, sumps, pits, ponds, lagoons, odors, and septic systems.
8. In addition to those items discussed above, several items outside the scope of ASTM Practice E 1527-05 and EPA regulation 40 CFR Part 312 have been addressed in this investigation. The non-scope items include:
  - Visual examination of the site for the potential presence of asbestos containing materials.
  - Visual examination of the site for the potential presence of lead-based paint.
9. Preparing a report presenting the results of our investigation.

Unless listed above, this investigation does not include any testing or sampling of materials (such as an assessment for the potential presence of methane or radon, asbestos or lead-based paints, or the sampling and testing of soil, air, surface water, or groundwater). This investigation does not include evaluating the site for the presence of wetlands, regulatory compliance, or other items beyond the scope of ASTM E 1527-05 or 40 CFR Part 312, nor is it an assessment for vapor intrusion as defined by ASTM E 2600-08.

### **SITE OVERVIEW**

According to the 1997 topographic map of the Pala Quadrangle, prepared by the USGS, the site is located in Sections 35, Township 10 South, Range 2 West, San Bernardino Base and Meridian. The site elevation ranges from approximately 1340 to 1400 feet above mean sea level (msl). A site location map is included as Figure 1.

The subject site is located south of Pala Mountain along the east side of Mesa Crest Road and north of Avenida Anna Lie in Valley Center, San Diego County, California. The subject site is comprised of approximately 40± acres with Assessor Parcel Numbers APN 129-162-07-00. The site consists of gently rolling to flat topography within the northwest, central and southwest portion of the site and a small hill within the eastern portion with elevation across the site from approximately 1320 feet above mean sea

level (msl) to approximately 1400 feet msl. A map showing the current configuration of the site is included as Figure 2.

### **PREVIOUS LAND USE**

Based on information obtained during this investigation, portions of the site appear to have been used for orchard operations during various times within the past and as a nursery in more recent times. Historical information reviewed during this investigation includes aerial photographs (dating back to 1946), USGS topographical maps (dating back to 1901), city directories, an environmental lien search and interviews. EDR reports that there is no Sanborn™ Map coverage for the site vicinity.

### **PREVIOUS REPORTS**

No previous reports were provided to Petra for review during this investigation.

### **ENVIRONMENTAL SETTING**

The following sections provide an overview of the regional and local geologic setting and include information pertaining to groundwater conditions in the vicinity of the subject site. Geotechnical hazard information (faults, landslides, etc.) is not part of this investigation. This section does not constitute a geotechnical investigation of the subject site and should not be taken as such.

#### **Geology**

Geologically, the site lies within the Peninsular Ranges Geomorphic Province. The Peninsular Range region extends from the tip of Baja California to the Transverse Ranges and the Los Angeles Basin and is characterized by northwest trending mountain ranges separated by subparallel fault zones. In general, the province is underlain primarily of plutonic rock of the Southern California Batholith. These rocks formed from the cooling of molten magma deep within the earth's crust. Intense heat associated with these plutonic magma metamorphosed the ancient sedimentary rocks into which the plutons intruded. The Peninsular Range Geomorphic Province is generally characterized by alleviated basins and elevated erosion surfaces.

More specifically, the subject site lies within the foothills south of the base of the Agua Tibia Mountains. According to the Geologic Maps of the Valley Center (Kennedy 1999) and Pala (Kennedy 2000) 7.5' Quadrangles, Quaternary-age Older Colluvial/Alluvial deposits and the Cretaceous-age Granitic rock of the Southern California Batholith underlie the site.

### Elsinore Fault

The closest known active earthquake fault is the Elsinore fault which has been mapped approximately 5 to 6 miles northeast of the site (CDMG, 1977). The site does not lie within a Alquist Priolo Special Studies Zone.

### Surface Water

No indication of surface water was observed on the site at the time of this investigation.

### Groundwater

The site is located within the San Luis Ray Watershed, (California Department of Water Resources, [CDWR], 2010). Groundwater depth varies within the area and though flow direction beneath the subject site is unknown it is believed to be toward the west-southwest. Multiple other wells were listed adjacent to the subject site on the CDWR historic groundwater level database (CDWR, 2010).

## **RESULTS OF INVESTIGATION**

The results of our site reconnaissance and inspection of adjacent sites, agency database review, and historical land use study are presented in the following sections.

### Site Inspection

Petra conducted a reconnaissance of the subject site on December 21, 2012. Site photographs are included as Plate A and a completed Site Inspection Checklist is located in Appendix A. Our site observations are summarized below.

1. The subject site is located along the east side of Mesa Crest Road and northeast of the intersection of Mesa Crest Road and Avenida Anna Lie in Valley Center, San Diego County, California.
2. The subject site is comprised of approximately 40± acres with Assessor Parcel Number (APN) 129-162-07-00.
3. The subject site consists of gently rolling to flat topography within the northwest, central and southwest portion of the site and a small hill within the eastern portion with elevation across the site from approximately 1320 feet above mean sea level (msl) to approximately 1400 feet msl.
4. No water wells were encountered during the site investigation.
5. A single power line with steel poles extends offsite along Avenida Anna Lie to the south, Mesa Crest Road to the west and along the northern property boundary. A single pole mounted

transformer was observed near the adjacent residence to the north. No transformers were observed within the site boundary.

6. A wooden shack which appears to be a possible storage area for the nursery is located within the northeast portion of the site.
7. Scattered debris which consists of old tires, wood debris, dumped household trash along with minor amounts of wind-blown trash was observed throughout the site along with various types of nursery supply trash.
8. There was no evidence of sumps, pits, pools, or lagoons identified during our site inspection.

### **Adjacent Site and Vicinity Observations**

The site is situated in an area of mixed land use. Our specific observations are noted below:

North To the north of the subject site are rural residential properties.

East To the east of the subject site is rural vacant (raw) land.

South To the south of the subject site is Avenida Anna Lie and rural residential properties beyond.

West To the west of the subject site is Mesa Crest Road with rural residential properties beyond.

### **Government Agency Database Research**

A search of federal, state, and local government listings was performed by Environmental Data Resources, Inc. (EDR) for the purposes of this report. The search radius used for all government databases meets or exceeds the standard search distance adopted by ASTM and AAI.

#### **Results of Agency Records Search**

A data search of the various government agency records listed in Appendix B revealed no listings for the subject site. The EDR reported no mapped site within the requested search radii. Eight orphan sites (sites with inadequate address information to be mapped by EDR) were identified during the agency database search. Refer to the EDR Report in Appendix C for the search radii completed for this investigation.

#### **Orphan Sites**

Orphan sites are unable to be located due to lack of complete address information. Eight orphan sites are listed in the EDR report. Orphan sites may appear on more than one database. None of the orphan sites listed in the EDR reports are considered recognized environmental conditions, with regards to the subject site, due to the nature of the listings and/or their distance from the subject site.

Local Agencies

Petra reviewed information held by the agencies listed below during the course of this investigation.

A. San Diego County

The San Diego County Department of Environmental Health maintains Environmental Case Listings related to underground storage tanks and tank cleanup sites in the County of San Diego. Records held by this agency were accessed by EDR during the government database search. No listings for the subject site were reported by EDR.

B. California Regional Water Quality Control Board

The California Regional Water Quality Control Board-San Diego Region (RWQCB) maintains records of leaking underground storage tank sites and groundwater cleanups for sites in the County of San Diego. Records held by the RWQCB were accessed by EDR during the government database search. No listings for the subject site were reported by EDR.

C. Geotracker

The Geotracker website maintains a record of environmental data for regulated facilities in California. No database listings for the subject site were reported on Geotracker. The memorandum documenting this inquiry is included in Appendix B.

D. California Division of Oil, Gas, and Geothermal Resources

According to the California Division of Oil, Gas, and Geothermal Resources (DOGGR), Map W 1-7 there are no active oil, or gas wells located on the subject site. Further, there were no indications of any such wells found during our reconnaissance of the subject site. A copy of this map is included in Appendix B.

Evaluation of Records Search Results

In summary, based upon evaluation of an agency records search, no sites were identified in various government agency database records, which may have impacted the soils or groundwater beneath the subject site.

Results of Aerial Photo Analysis

Although aerial photographs can often be a valuable source of information in the assessment of historical land usage, it should be understood that information extrapolated from photographic images is strictly interpretation and not necessarily fact. For this reason, it may not be appropriate to draw conclusions regarding previous site activities based solely upon aerial photograph analysis.

**NORTHLIGHT POWER, LLC**

*Approximately 40-Acre Site, APN# 129-162-07-00  
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In order to provide a complete updated assessment of historical land usage on and in the vicinity of the subject site, aerial photographs with coverage of the subject site and vicinity were obtained from EDR and viewed by a representative of this firm. Photographs from the years 1946, 1953, 1963, 1980, 1989, 1995 and 2005 were provided by EDR. A summary of the information obtained during the aerial photograph review follows. Copies of the aerial photographs obtained from EDR are included in Appendix C.

1946 Photograph

In the 1946 photograph, the subject site and surrounding area appear to be natural (raw) land.

1953 Photograph

In the 1953 photograph, the site appears as in the previous photograph. A large area of dry farming is observed to the northwest.

1963 Photograph

In the 1963 photograph, the site appears as in the previous photograph. Dirt roads are visible through and within the surrounding areas.

1980 Photograph

In the 1980 photograph, the central and southern portion of the site appears to be used for orchards. The eastern portion of the site appears as natural (raw) land and there is a structure visible within the northeastern portion. The adjacent and surrounding areas appear as orchards with dirt roads

1989 Photograph

In the 1989 photograph, (is blurred) but the site appears as in the previous photograph.

1995 Photograph

In the 1995 photograph the site appears as in the previous photograph.

2005 Photograph

In the 2005 photograph, the entire site appears to be vacant (raw) land with what appears to be minor groves within the central portion.

### **Historical USGS Topographic Maps**

Petra reviewed the historical USGS topographic maps of the site and vicinity provided by EDR (1901, 1904, 1947, 1950, 1968, 1982, 1988 and 1997). No land use is shown for the subject site on the 1901, 1904 and 1950 Historical Topographic maps. The maps dated 1947 and 1968 through 1997 show orchards within a majority of the site and within the adjacent and surrounding areas. These maps generally support observations made from the aerial photographs reviewed. Copies of the maps reviewed are provided in Appendix C.

### **Environmental Liens and Activity and Use Limitations**

Environmental Liens and Activity and Use Limitations (AUL) indicate restrictions on a property, which may represent a recognized environmental condition for the subject site. A search for Environmental Liens and AULs was conducted by EDR as part of this investigation using a single Assessor Parcel Number (APN). The APN number used for this report was APN 129-162-07-00. The results from this search indicated that there were no recorded Environmental Liens or AULs listed for the parcel. The deed provided with this lien search shows the property is vested in Carolyn G. Loyd & Christine Louise Granger, and the deed was recorded in November 2011. A copy of the lien and AUL search report is provided in Appendix C.

### **Fire Insurance Maps and City Directories**

Fire Insurance Maps provide information on structure locations and operations, which were present at the time of the survey. These maps were completed for most major cities and metropolitan areas, dating from 1867, and provide information into past usage of buildings and how commercial and industrial zoning has changed over time. Sanborn™ Fire Insurance maps were requested for this study. EDR reports that no Sanborn™ Fire Insurance map coverage is available for the site. The memorandum documenting this inquiry is included in Appendix C.

City Directories provide information for a specific address at a specific time. A search of city directories, dating back to 1970 was conducted by EDR for this investigation. The search was conducted for the target street and cross street. No listings, which would indicate a potential concern for the subject site based on the name of the listing, was included in the EDR city directory abstract. A copy of this search is presented in Appendix C.

### **Building Permits**

Building Permit data provides information to identify current and/or former operations and structures/features which may represent a recognized environmental condition for the subject site. A search of building permits, dating back to 1977 was conducted by EDR for this investigation. There were no listings which would indicate a potential concern for the subject site based on the type of the listing and proximity to the site. A copy of this search is presented in Appendix C.

### **Interviews**

Petra contacted Ms Christine Granger and Ms. Carolyn G. Loyd owners of the property. According to Ms. Granger and Ms Loyd, the property was purchased in 1958. In 1960's approximately 25-acres were cleared in preparation for avocado groves. Approximately 8-acres within the center-west portion of the property was planted in 1967. A second approximate 8-acres within the southwest portion of the property was planted in 1976. The final section of cleared land was never planted. The eastern portion of the site was never cleared and remained natural (raw) land. In 1992 the groves ceased to operate as an active avocado grove. In 2005 the center-west and southwest portion of the site was leased to a nursery to host large specimen trees both in ground and in boxes. Ms. Granger and Ms Loyd also provided the following information:

1. To their knowledge, their father used diesel oil as a weed killer (simizine) in the 1970's, it was sprayed on the main dirt roadway that provided access to the interior of the property. It was also used randomly for spot use within the groves during the same time period. This methodology was stopped in the late 1970's early 1980's when roundup herbicides became available for use. Also, nitrogen fertilizer was used within the groves every year during operation.
2. To their knowledge, the nursery tenant is not using herbicides or any chemicals other than drip delivered fertilizers.
3. To their knowledge, there are no notices or other correspondence from any government agency relating to past or current violations of environmental laws.
4. To their knowledge, there are no pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject site.
5. To their knowledge, there are no notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

A copy of the complete interview questionnaire is provided in Appendix D.

### **Client Knowledge**

In compliance with AAI, Petra interviewed the client, Mr. Chris Purvis, Director Project Development with Northlight Power, LLC, regarding his knowledge of the subject site. A summary of the questions is provided below.

1. According to the client, he does not have any specialized knowledge or experience related to the property or nearby properties.
2. According to the client, past uses of the property was avocado farming and more recently the property has been used as a nursery for boxed trees and planted trees. Mr. Purvis also stated that they have no knowledge of spills or other chemical releases on the property. However, he did observe a small area of soil staining at the back of the property in late 2011. The stain was not observed at a more recent site visit.
3. According to the client, based on his knowledge and experience related to the property, there are no obvious indicators that point to the presence of likely presence of contamination at the property.

A copy of the complete client questionnaire is provided in Appendix D.

### **Data Failures and Data Gaps**

In the event that data gaps are identified, the Environmental Professional (EP) will endeavor to comment on the significance of those data gaps. However, the EP cannot, and does not warrant or guarantee that no significant events, releases, or conditions arose, during periods such as data gaps.

Petra reviewed several sources for historical information regarding the subject site. These sources included a government agency database search, a city directory search, a review of historical aerial photographs and historical USGS topographic maps, and interviews with people knowledgeable about the site. No fire insurance maps are reported to be available for the site.

Data gaps exist in the historic information reviewed. These gaps are due to the limited resources available, which are reasonably ascertainable and practically reviewable in the local area. However, it is

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

### **DISCUSSION OF POTENTIAL ENVIRONMENTAL CONCERNS**

The following discussions of potential environmental concerns are presented to inform the client as to the existence, or lack thereof, of recognized environmental conditions present on the subject site.

#### **Regulatory Actions**

Based upon a thorough search of available federal, state, and local records, no known current regulatory action is pending with respect to the subject site

#### **Adjacent and Nearby Properties**

No information has been obtained during this investigation which would indicate the presence of recognized environmental conditions adjacent to the subject site that are considered likely to pose a significant impact to soils or groundwater beneath the subject site.

#### **Polychlorinated Biphenyls**

No information has been obtained during this investigation, which would indicate Polychlorinated Biphenyls (PCB's). Further, no surface indications of PCB's were observed on the subject site during the site reconnaissance

#### **Underground Storage Tanks**

No information has been obtained during this investigation, which would indicate fuel underground storage tanks (USTs) to be located on the subject site currently nor are USTs reported to have been located on the site in the past. Further, no surface indications of USTs were observed on the subject site during the site reconnaissance.

#### **Above Ground Storage Tanks**

No information has been obtained during this investigation, which would indicate above ground fuel storage tanks (ASTs) to be located on the subject site currently, nor are ASTs reported to have been located on the site in the past.

**Storm Water/Waste Water Discharge**

Storm water/waste water discharge from the site appears to include storm water runoff.

**Pesticide Residues**

Based on information obtained during this investigation, groves have been planted within the subject site as far back as the late 1940's. Pesticides appear to represent a recognized environmental condition with regards to the subject site.

**Asbestos-Containing Materials**

No potential asbestos-containing materials were observed on the site and no information was found which indicated the use, storage, or disposal of asbestos-containing materials on the site.

**Lead-Based Paints**

No potential lead-based materials were observed on the site and no information was found which indicated the use, storage, or disposal of lead-based materials on the site.

**Landfills**

The EDR report does not list any known landfills within the search radius conducted for this investigation. Therefore, landfills do not appear to represent a recognized environmental condition with regards to the subject site.

**Water Supplies**

No water wells or other sources of water were observed on the site.

**Waste Generation and Storage**

Debris was observed on the site and included primarily an old tire, wood debris, dumped household trash along with minor amounts of wind-blown trash. It is recommended that the debris be removed and disposed, in accordance with current regulations.

## **CONCLUSIONS**

### **General Site Information**

- The subject site is located along the east side of Mesa Crest Road and northeast of the intersection of Mesa Crest Road and Avenida Anna Lie in Valley Center, San Diego County, California.
- The subject site is comprised of approximately 40± acres with Assessor Parcel Number (APN) 129-162-07-00.
- The subject site consists of gently rolling to flat topography within the northwest, central and southwest portion of the site and a small hill within the eastern portion with elevation across the site from approximately 1320 feet above mean sea level (msl) to approximately 1400 feet msl.
- No water wells were encountered during the site investigation.
- A single power line with steel poles extends offsite along Avenida Anna Lie to the south, Mesa Crest Road to the west and along the northern property boundary. A single pole mounted transformer was observed near the adjacent residence to the north. No transformers were observed within the site boundary.
- A wooden shack which appears to be a possible storage area for the nursery is located within the northeast portion of the site.
- Scattered debris which consists of old tires, wood debris, dumped household trash along with minor amounts of wind-blown trash was observed throughout the site along with various types of nursery supply trash.
- There was no evidence of sumps, pits, pools, or lagoons identified during our site inspection.
- No vicinity sites were identified in our search of various government agency database records, which appear to have impacted the soils or groundwater beneath the subject site.

### **Recognized Environmental Conditions**

Recognized environmental conditions are defined by the American Society of Testing and Materials (ASTM) as any hazardous substance or petroleum product under conditions that indicate an existing, past, or material threat of release into the structures, ground, groundwater, or surface water at the subject site. If the presences of recognized environmental conditions are identified on a subject site, it may warrant additional research, site investigation, and/or action.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of Assessor Parcel Numbers APN 129-162-07-00. Any exceptions to, or deletions from, this practice are described in section titled data gaps of this report. This assessment

has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

1. Because of the site's historical agricultural land use and as a nursery, there is a potential that pesticides and herbicides persistent in the environment were applied and residual concentrations may remain in soil and drainages on the site.
2. As stated within their interview questionnaire, the present owner's acknowledge that their father used diesel oil as a weed killer (simazine) in the 1970's, it was sprayed on the main dirt roadway that provided access to the interior of the property. It was also used randomly for spot use within the groves during the same time period. Therefore, there is the potential that Diesel Hydrocarbon concentrations remain within the soils.

### **Other Site Considerations**

Items, if presented below, are not considered recognized environmental conditions in accordance with ASTM 1527-05. Although these items may warrant consideration in conjunction with any planned development activities, they are not recognized environmental conditions. The information regarding possible actions relative to these items has been provided as guidance.

1. Based upon the historic property use, buried tanks and pipes may have existed or exist, and were not all apparent at the time of our site reconnaissance. This possibility should be considered during planning and construction. Any buried structures encountered should be evaluated by an experienced environmental consultant prior to removal.
2. It is recommended that all trash, debris, and waste material observed on the site be removed and disposed in accordance with current local, state and federal disposal regulations.

### **LIMITATIONS**

This investigation is based upon the project as described and the environmental data obtained from the field reconnaissance and research performed as outlined in this report. This report has not been prepared for use by parties or projects other than those named or described in this report, additional studies may be required.

Since our investigation is based upon a review of available data and visual inspection of the site, without any invasive investigation, the conclusions presented herein are professional opinions. These opinions have been derived in accordance with current standards of practice, and no warranty is expressed or implied.

This firm's evaluation of previous reports and/or subconsultant reports focuses on the completeness of the information presented in the document, in accordance with applicable rules and regulations, and does not include the establishment of data sufficiency or accuracy.

**QUALIFICATIONS**

Resumes for the staff who contributed to this report are presented in Appendix E.

“We the undersigned declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312. We have the specific qualification based on education, training, and experience to assess a property of the nature, history, and setting of the subject site. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.”

Jonathan Cain  
Senior Project Geologist

Siamak Jafroudi, PhD, GE  
President



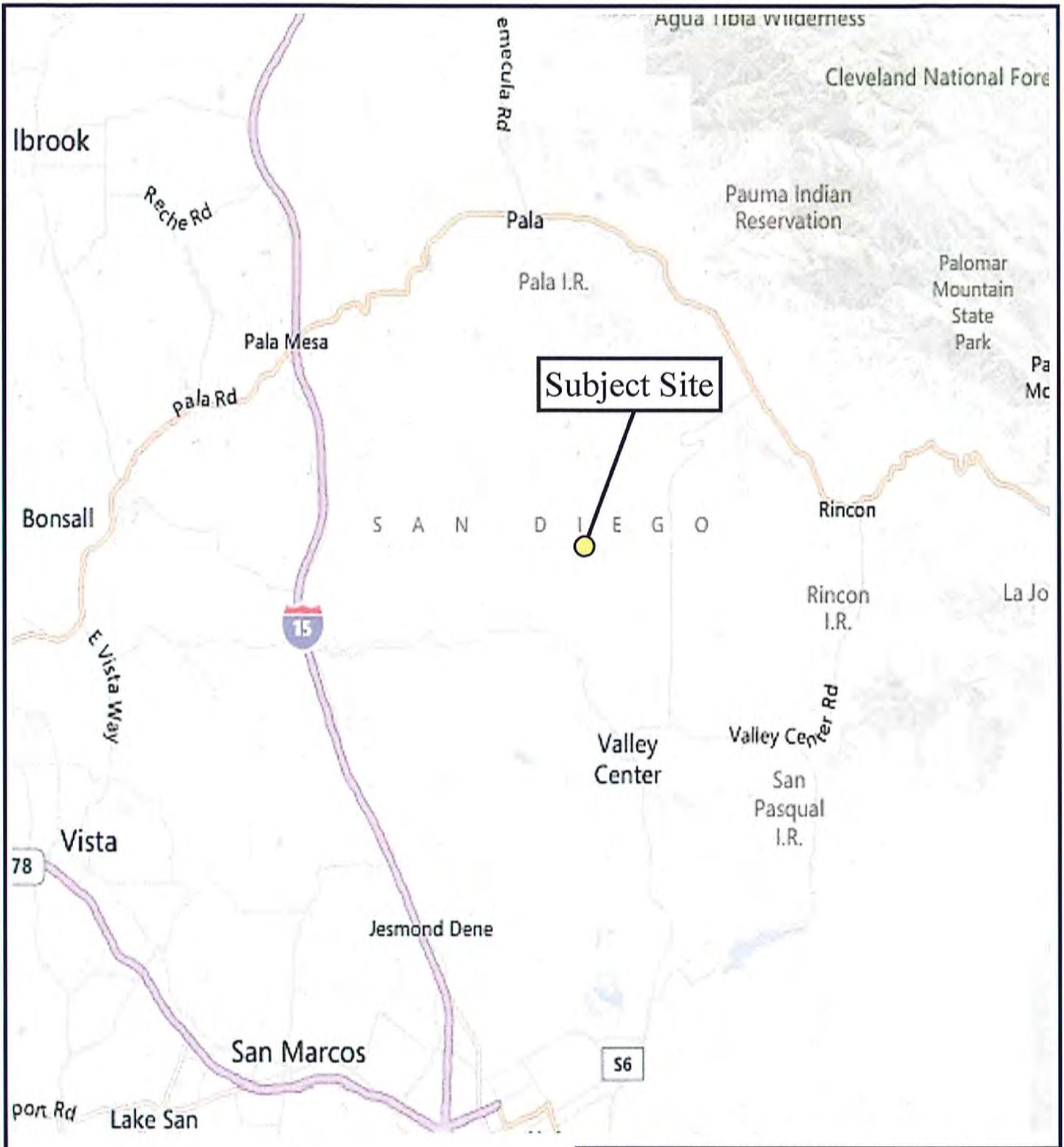
**REFERENCES**

- CALIFORNIA DEPARTMENT OF CONSERVATION, DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES, 2010, DOGGR Online Mapping System (DOMS) <http://maps.conservation.ca.gov/doms/index.html>.
- CALIFORNIA DEPARTMENT OF WATER RESOURCES, 2004, California Groundwater - Bulletin 118.
- CALIFORNIA DEPARTMENT OF WATER RESOURCES, 2010, Historic Water Level Database, <http://www.water.ca.gov/>.
- ENVIRONMENTAL DATA RESOURCES, INC., 2012, The EDR Radius Map with GeoCheck, Mesa Verde Road, Mesa Verde Road, Valley Center, CA 92082, (Inquiry No. 03480267.2r), dated December 19.
- ENVIRONMENTAL DATA RESOURCES, INC., 2012, Certified Sanborn Map Report, Mesa Verde Road, Mesa Verde Road, Valley Center, CA 92082, (Inquiry No. 3480267.3), dated December 19.
- ENVIRONMENTAL DATA RESOURCES, INC., 2012, EDR Historical Topographic Map Report, Mesa Verde Road, Mesa Verde Road, Valley Center, CA 92082, (Inquiry No. 3480267.4), dated December 19.
- ENVIRONMENTAL DATA RESOURCES, INC., 2012, The EDR Aerial Photo Decade Package, Mesa Verde Road, Mesa Verde Road, Valley Center, CA 92082, (Inquiry No. 3480267.5), dated December 26.
- ENVIRONMENTAL DATA RESOURCES, INC., 2012, The EDR City Directory Image Report, Mesa Verde Road, Mesa Verde Road, Valley Center, CA 92082, (Inquiry No. 3480267.6), dated December 20.
- ENVIRONMENTAL DATA RESOURCES, INC., 2012, EDR Environmental Lien and AUL Search Report, Mesa Verde Road, Mesa Verde Road, Valley Center, CA 92082, (Inquiry No. 3480267.7), dated December 21.
- ENVIRONMENTAL DATA RESOURCES, INC., 2012, EDR Building Permit Report, Mesa Verde Road, Mesa Verde Road, Valley Center, CA 92082, (Inquiry No. 3480267.11), dated December 19.
- GEOTRACKER, 2010, <http://geotracker.swrcb.ca.gov/>.
- USGS, 1997, 7.5-Minute Topographic Map, Pala Quadrangle, California, scale 1:24,000
- USGS, 2000, Geologic Map of the Pala 7.5' Quadrangle, San Diego County, California, Scale 1:24,000, A Digital Database, Version 1.0, by Michael P. Kennedy

# FIGURES

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**PETRA GEOTECHNICAL, INC.**  
 40880 County Center Drive, Suite R  
 Temecula, California 92591  
 PHONE: (951) 600-9271

COSTA MESA    TEMECULA    PALM DESERT    SAN DIEGO    SANTA CLARITA

**SITE LOCATION MAP**

Northlight Power, LLC Project  
 Mesa Verde Road  
 City of Valley Center, CA

DATE: May 2013

J.N.: 12-268

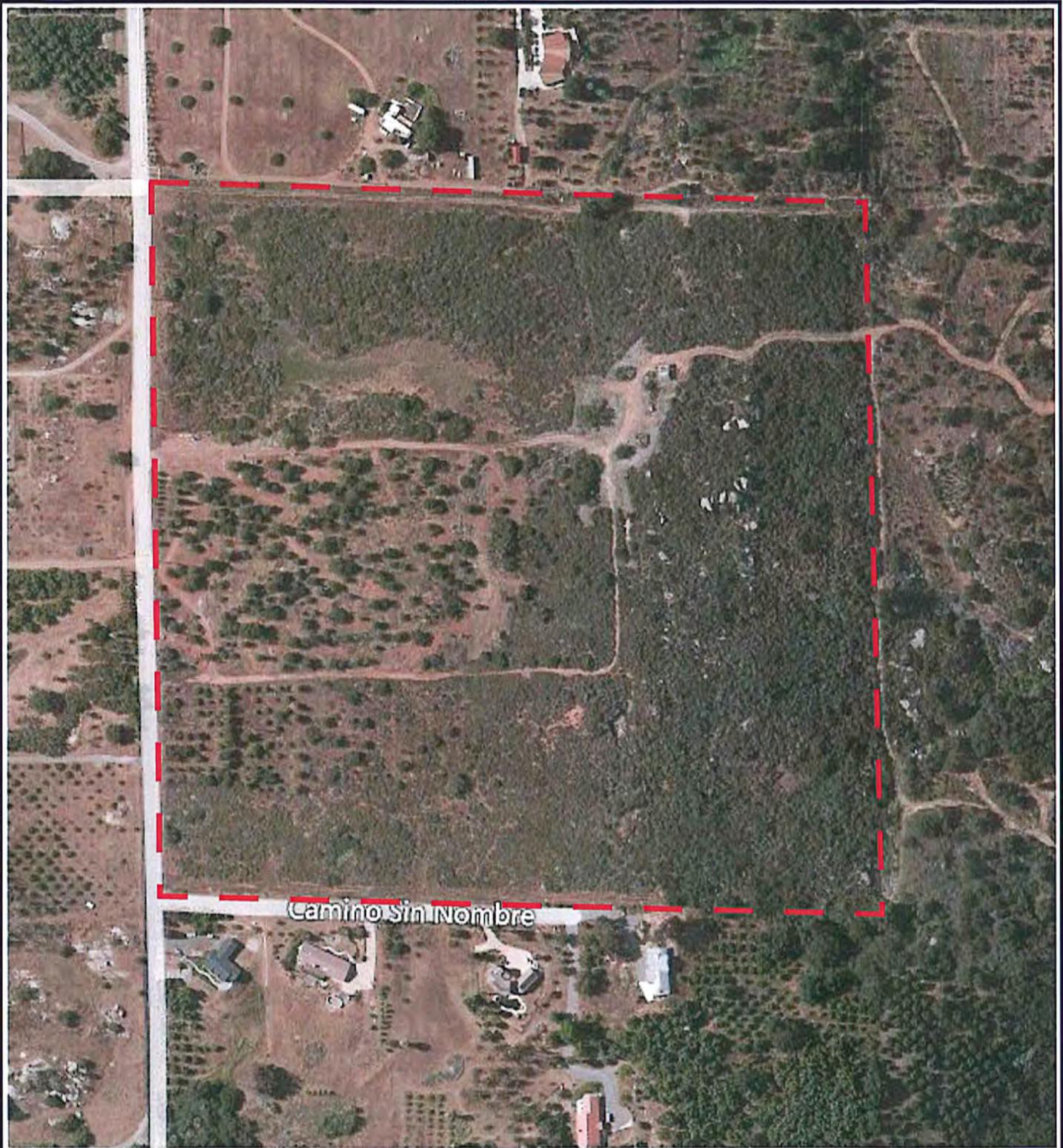
DWG BY: JC

SCALE: None

**Figure 1**



Reference: Bing Maps



**EXPLANATION**



Approximate Location of Site Boundary



Reference: Bing Maps



**PETRA GEOTECHNICAL, INC.**

40880 County Center Drive, Suite R  
 Temecula, California 92591  
 PHONE: (951) 600-9271

COSTA MESA    TEMECULA    PALM DESERT    SAN DIEGO    SANTA CLARITA

**SITE MAP**

Northlight Power, LLC Project  
 Mesa Verde Road  
 City of Valley Center, CA

DATE: May 2013

J.N.: 12-268

DWG BY: JC

SCALE: None

**Figure 2**

# PLATE A

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SITE PHOTOGRAPHS



Power line poles located on the west side of the property



Power line poles extending east to west along the adjacent property.  
Over grown brush and wood debris on the site.



Nursery Trees and miscellaneous debris



Miscellaneous nursery debris and trees



One of many different stockpiles of scrapwood found onsite



Miscellaneous stockpile of household trash, pvc, wood, trees and plastic



Trees scattered over west side of nursery



Open holes and irrigation pipe throughtout west side of site

# APPENDIX A

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## SITE INSPECTION CHECKLIST

**PETRA GEOTECHNICAL, INC.**

*Environmental Division*

40880 County Center Dr., Suite R, Temecula, CA 92591

\* Phone (951) 600-9271

\* Fax (951) 719-1499

**PHASE I ESA SITE INSPECTION CHECKLIST**

J.N. 368-12 Start:Time 4:03 Miles \_\_\_\_\_

Date: 12-21-12 Finish:Time \_\_\_\_\_ Miles \_\_\_\_\_

1. Site Information

Address: Mesa Verde Rd

Parcel Size: 40<sup>+</sup> Acres

Facility Size: \_\_\_\_\_

Map Reference: \_\_\_\_\_

Owner: Granger Clayton A Trust

2. Site Description

Topographic Conditions: \_\_\_\_\_

Obvious Geologic Features: \_\_\_\_\_

Estimated % of Site Covered by Buildings and Pavement: \_\_\_\_\_

Ground Cover: \_\_\_\_\_

Type and Condition of Pavement: NO Pavement

Roads and Parking Facilities: Gravel Road

Structures: A SMALL SHACK

Description of Obstructions: \_\_\_\_\_

3. Indications of Current Site Use(s)

Agriculture       Industrial       Commercial/Retail

Residential       Undeveloped       No indications of current use

Other: \_\_\_\_\_

4. Indications of Previous Site Use(s)

Agriculture       Industrial       Commercial/Retail

Residential       Undeveloped       No indications of prior use

Other: \_\_\_\_\_

**PHASE I ESA SITE INSPECTION CHECKLIST**

PAGE NOT APPLICABLE

5. Indications of Current Adjacent Land Use

North: Residents

South: Residential area

East: Vacant Land

West: Residents

6. Indications of Previous Adjacent Land Use

North: SAME

South: SAME

East: SAME

West: SAME

7. Indications of Vicinity Adjacent Land Use

North: \_\_\_\_\_

South: \_\_\_\_\_

East: \_\_\_\_\_

West: \_\_\_\_\_

8. Potential Sensitive Receptors (Wells, Streams, Schools, etc.) and Location Relative to the Site

None that I can see.

**PHASE I ESA SITE INSPECTION CHECKLIST**

PAGE NOT APPLICABLE

9. Tanks/Containers (include tanks, drums, labeled and unlabeled containers)

*NONE  
seen*

Approximate Capacity	Contents	Tank Composition	Location on Site

10. Indications of USTs (fill pipes, vents, etc.)  Yes  No

11. Indications of Other Underground Structures (e.g. clarifiers, wells, dry wells, septic systems, etc.)  Yes  No

12. Indications of PCB-containing equipment or potential PCBs-containing equipment ( e.g. electrical equipment, hydraulic equipment, transformers, etc.)  Yes  No

**PHASE I ESA SITE INSPECTION CHECKLIST**

PAGE NOT APPLICABLE

13. Surface Staining (appearance, location, approximate size)  Yes  No

14. Pits, Ponds, Lagoons, Pools of Liquid (description/location)  Yes  No

15. Odors  Yes  No

16. Stressed Vegetation (from something other than insufficient water)  Yes  No

17. Solid Waste/Refuse/Evidence of Dumping (description, location, approximate amount)  Yes  No

*Various around site trash debris from Nursery*

**PHASE I ESA SITE INSPECTION CHECKLIST**

PAGE NOT APPLICABLE

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18. Evidence of Hazardous Materials, Hazardous Waste, or Petroleum Products  Yes  No

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19. Public Services

- a. Potable Water Supply: \_\_\_\_\_
- b. Sewage Disposal System: \_\_\_\_\_
- c. Storm Water Runoff: \_\_\_\_\_
- d. Waste Water: \_\_\_\_\_

20. Site Observations

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21. Site Sketch

**PHASE I ESA SITE INSPECTION CHECKLIST**

PAGE NOT APPLICABLE

22. Facility Information

a. Number and Size of Structures

\_\_\_\_\_  
\_\_\_\_\_

b. Site Housekeeping       Good       Average       Poor

Provide Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

c. Age of Structures if Known

\_\_\_\_\_ possible 15-25 yrs  
\_\_\_\_\_

d. Condition of Structures.

\_\_\_\_\_ Poor  
\_\_\_\_\_

e. Description of Building Materials

Interior: \_\_\_\_\_  
\_\_\_\_\_  
Exterior: \_\_\_\_\_  
\_\_\_\_\_

f. Provide Comment on Suspected Asbestos-Containing Building Materials and/or Lead-Based Paint

\_\_\_\_\_ Not sure  
\_\_\_\_\_  
\_\_\_\_\_

g. Any Noted Stains or Corrosion

Provide Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PHASE I ESA SITE INSPECTION CHECKLIST

PAGE NOT APPLICABLE

h. Current Use and Occupancy (attach rent role/tenant list if available)

Nursery

i. Inaccessible Areas

No

j. Heating and Cooling Systems and System Fuel Sources

NONE

k. Drains, Sumps, Clarifiers, Oil Traps, Grease Pits (description, location and note any signs of staining and/or corrosion)

NONE

l. Hydraulic Equipment (lifts, elevators, etc.) (description, location and note any signs of leakage and stored fluids)

NONE

m. Radioactive Sources (description/location/permits)

NONE

n. Use of Chemicals/Raw Materials/Hazardous Materials, Petroleum Products

NONE seen



# APPENDIX B

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## AGENCY SEARCH RESULTS





- Water Data Library Home
- Groundwater Level Data
- Water Quality Data
- Continuous Data
- Historical Information
- Contact Information

## Water Data Library

Use the map below to locate monitoring stations. You can find an area of interest if you zoom and pan the map. Quickly find an area searching for named features on a map such as the name of a city, park, landmark, lake, water feature, or zip code within California. Once at the area of interest, select the desired Site Type and click the "Refresh Map" button to show monitoring stations in the area. Additional searches by data type are possible by clicking the links on the left. For help on these and other ways to find your data [click here](#).

### WDL STATION MAP

**Location Search**  
To find monitoring stations for a specific area, enter the placename or zip code into the text box below then, click the "Search" button.

Search

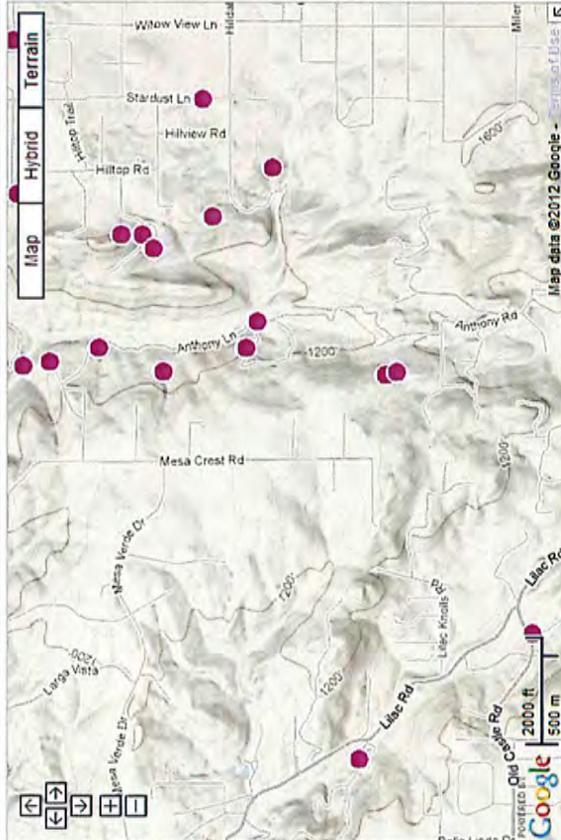
#### Site Type

Select the desired site type using the checkboxes, then click the "Refresh" button.

- Groundwater Level
- Water Quality
- Continuous Data

Refresh Map

- Multi-parameter site
- Cluster, showing number of stations



Map Center:	33.267829, -117.056923	Mouse Lat/Lon:	33.262057, -117.051258
Map SK:	33.253403, -117.082758	Mouse Ex:	733406, 1685818
Map NE:	33.282252, -117.031088	Mouse Title:	2864, 6585
Map Zoom:	14	Mouse Click:	33.259217, -117.019501

# CA .GOV DEPARTMENT OF WATER RESOURCES

- Home
- Newsroom
- Flood & Safety
- Planning
- State Water Project
- Funding
- Environment
- Supply & Use
- Data

CDEC | CIMIS | WDL | IEP | IWRIS | All Data Topics...

- Water Data Library Home
- Groundwater Level Data
- Water Quality Data
- Continuous Data
- Historical Information
- Contact Information

## Water Data Library

Use the map below to locate monitoring stations. You can find an area of interest if you zoom and pan the map. Quickly find an area searching for named features on a map such as the name of a city, park, landmark, lake, water feature, or zip code within California. Once at the area of interest, select the desired Site Type and click the "Refresh Map" button to show monitoring stations in the area. Additional searches by data type are possible by clicking the links on the left. For help on these and other ways to find your data [click here](#).

### WDL STATION MAP

**Location Search**  
 To find monitoring stations for a specific area, enter the placename or zip code into the text box below then, click the "Search" button.

Search

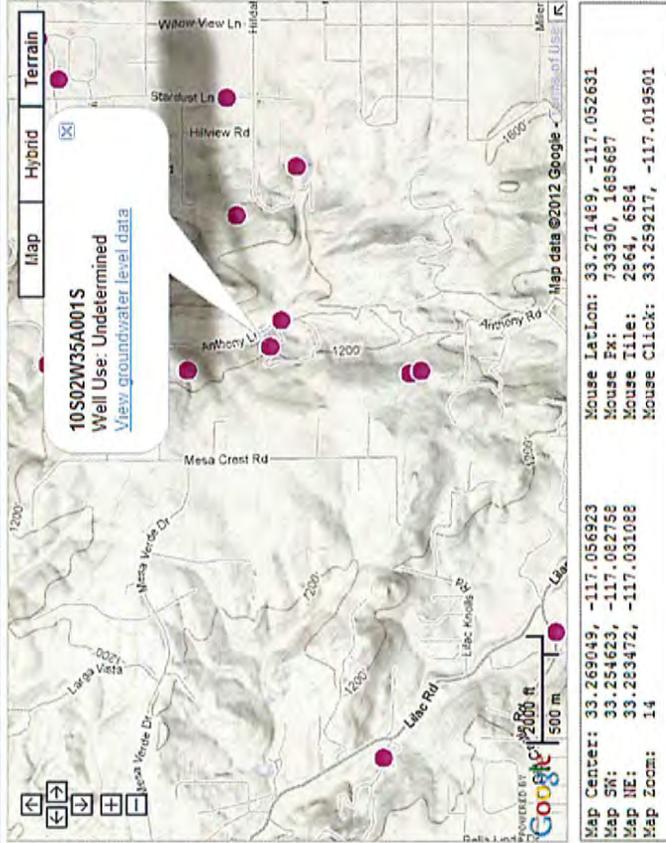
#### Site Type

Select the desired site type using the checkboxes, then click the "Refresh" button.

- Groundwater Level
- Water Quality
- Continuous Data

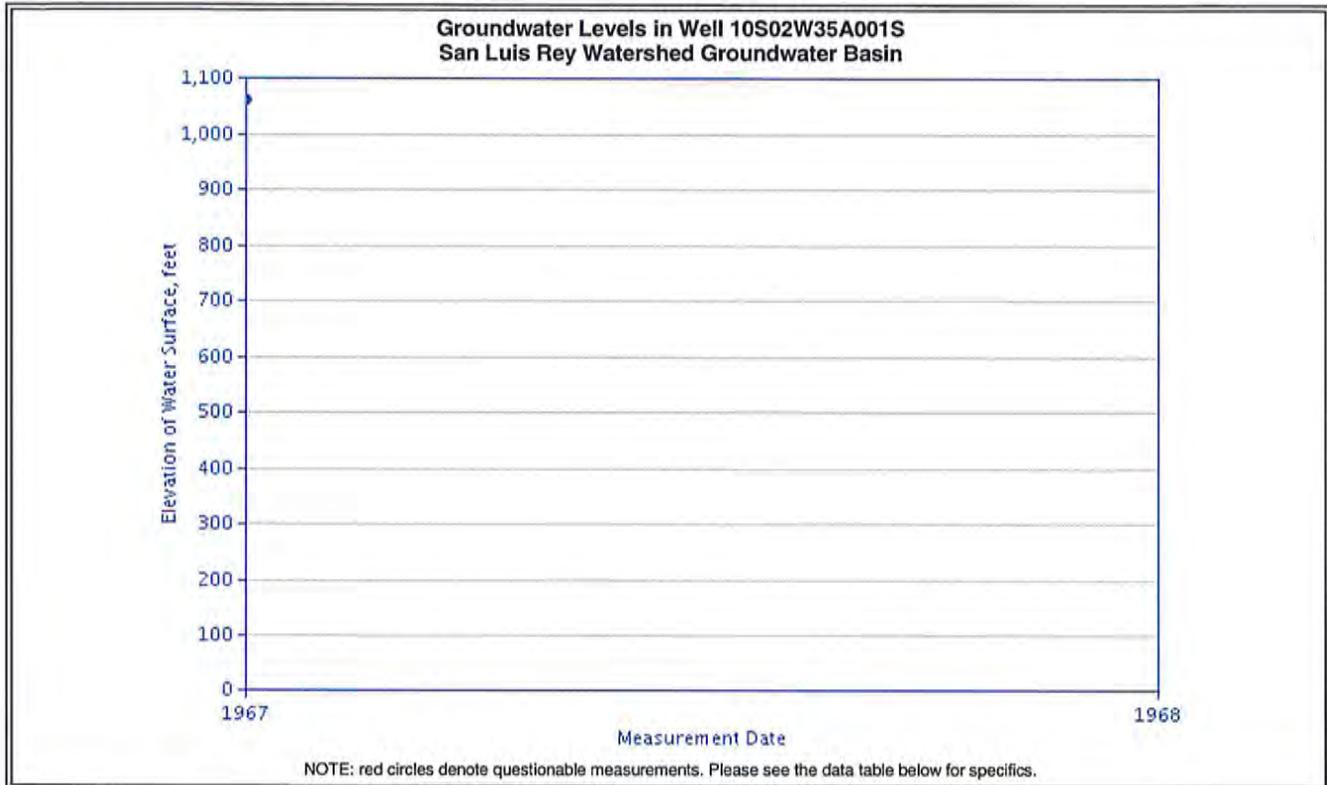
Refresh Map

- Multi-parameter site
- Cluster, showing number of stations



## Groundwater Level Data for Well 10S02W35A001S

Your selection returned a total of 1 records. Wells in the Department of Water Resources monitoring network are identified by a [State Well Number](#), which is based on the Public Land Grid System. The table headings and records contain several [codes and abbreviations](#). Press the **New Search** or **Nearby Search** buttons or at the bottom of the page to begin a new data retrieval. Data for this well can also be downloaded in [MS Excel](#) or [text delimited format](#).



Groundwater Level Readings									
Meas. Date	R.P. Elev.	G.S. Elev.	RPWS	WSE	GSWS	QM Code	NM Code	Agency	Comment
01-01-1967	1075.0	1075.0	13.0	1062.0	13.0			5000	

Well Coordinates					
Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	495183	3681167	metres	11
LL	NAD27	117.0509	33.2695	decimal degrees	
LL	NAD83	117.0518	33.2695	decimal degrees	

**Well Use:** Undetermined

**For more information contact:**  
 Department of Water Resources, Southern District  
 Groundwater Section  
 770 Fairmont Avenue  
 Glendale, CA 91203

Phone: 818-500-1645, ext. 233  
 Fax: 818-543-4604

Search for wells within 0.5 mile radius.

# CA.GOV DEPARTMENT OF WATER RESOURCES

- Home
- Newsroom
- Flood & Safety
- Planning
- State Water Project
- Funding
- Environment
- Supply & Use
- Data

CDEC | CIMIS | WDL | IEP | WRIS | All Data Topics...

- Water Data Library Home
- Groundwater Level Data
- Water Quality Data
- Continuous Data
- Historical Information
- Contact Information

Skip to: [Content](#) | [Footer](#) | [Accessibility](#)

Search

## Water Data Library

Use the map below to locate monitoring stations. You can find an area of interest if you zoom and pan the map. Quickly find an area searching for named features on a map such as the name of a city, park, landmark lake, water feature, or zip code within California. Once at the area of interest, select the desired Site Type and click the "Refresh Map" button to show monitoring stations in the area. Additional searches by data type are possible by clicking the links on the left. For help on these and other ways to find your data [click here](#).

### WDL STATION MAP

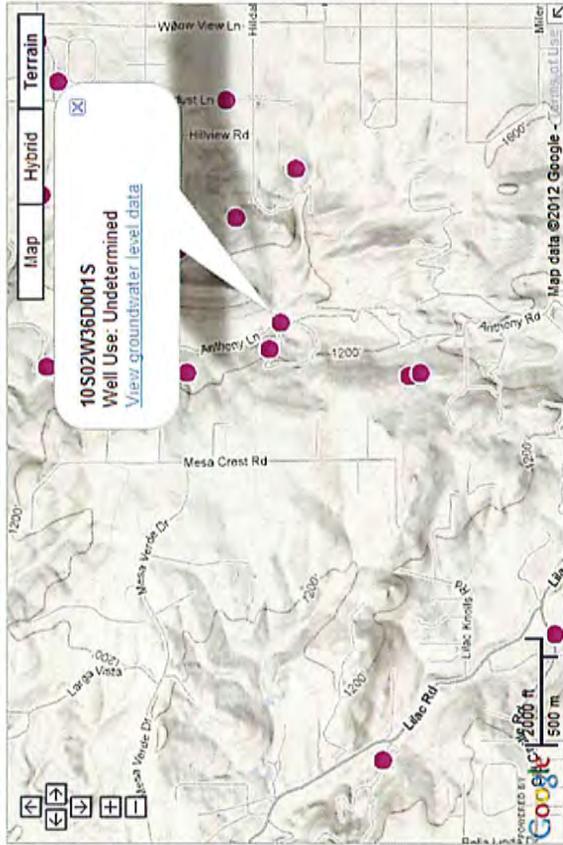
**Location Search**  
 To find monitoring stations for a specific area, enter the placename or zip code into the text box below then, click the "Search" button.

#### Site Type

Select the desired site type using the checkboxes, then click the "Refresh" button.

- Groundwater Level
- Water Quality
- Continuous Data

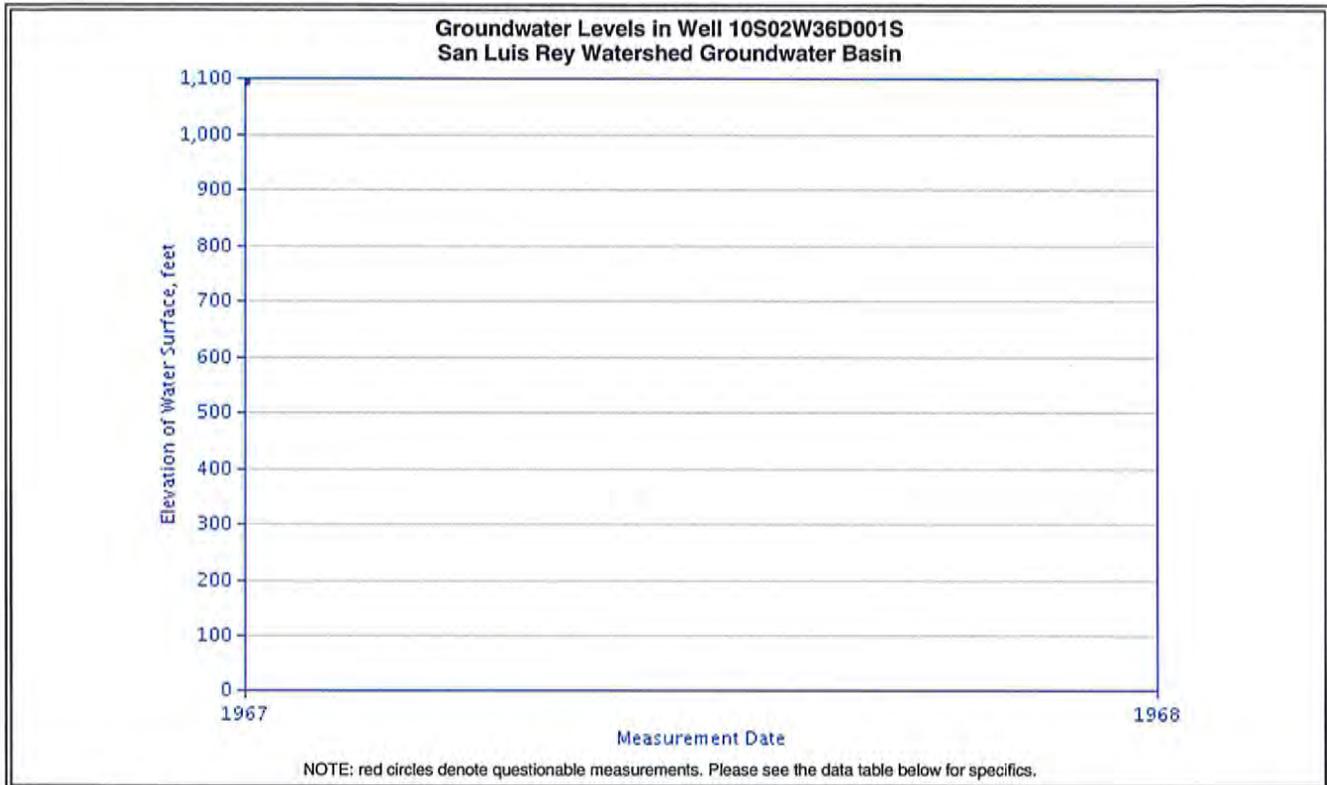
- Multi-parameter site
- Cluster, showing number of stations



Map Center:	33.269049, -117.056923	Mouse Lat/Lon:	33.268331, -117.062845
Map SW:	33.254623, -117.082758	Mouse Px:	733271, 1683731
Map NE:	33.283472, -117.031088	Mouse Title:	2864, 6884
Map Zoom:	14	Mouse Click:	33.259217, -117.019501

## Groundwater Level Data for Well 10S02W36D001S

Your selection returned a total of 1 records. Wells in the Department of Water Resources monitoring network are identified by a [State Well Number](#), which is based on the Public Land Grid System. The table headings and records contain several [codes and abbreviations](#). Press the **New Search** or **Nearby Search** buttons or at the bottom of the page to begin a new data retrieval. Data for this well can also be downloaded in [MS Excel](#) or [text delimited format](#).



Groundwater Level Readings									
Meas. Date	R.P. Elev.	G.S. Elev.	RPWS	WSE	GSWS	QM Code	NM Code	Agency	Comment
01-01-1967	1095.0	1095.0	0.0	1095.0	0.0			5000	

Well Coordinates					
Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	495338	3681106	metres	11
LL	NAD27	117.0492	33.2689	decimal degrees	
LL	NAD83	117.0501	33.2689	decimal degrees	

**Well Use:** Undetermined

**For more information contact:**  
 Department of Water Resources, Southern District  
 Groundwater Section  
 770 Fairmont Avenue  
 Glendale, CA 91203

Phone: 818-500-1645, ext. 233  
 Fax: 818-543-4604

Search for wells within 0.5 mile radius.

### Water Data Library

Use the map below to locate monitoring stations. You can find an area of interest if you zoom and pan the map. Quickly find an area searching for named features on a map such as the name of a city, park, landmark, lake, water feature, or zip code within California. Once at the area of interest, select the desired Site Type and click the "Refresh Map" button to show monitoring stations in the area. Additional searches by data type are possible by clicking the links on the left. For help on these and other ways to find your data [click here](#).

#### WDL STATION MAP

**Location Search**  
 To find monitoring stations for a specific area, enter the placename or zip code into the text box below then, click the "Search" button.

Search

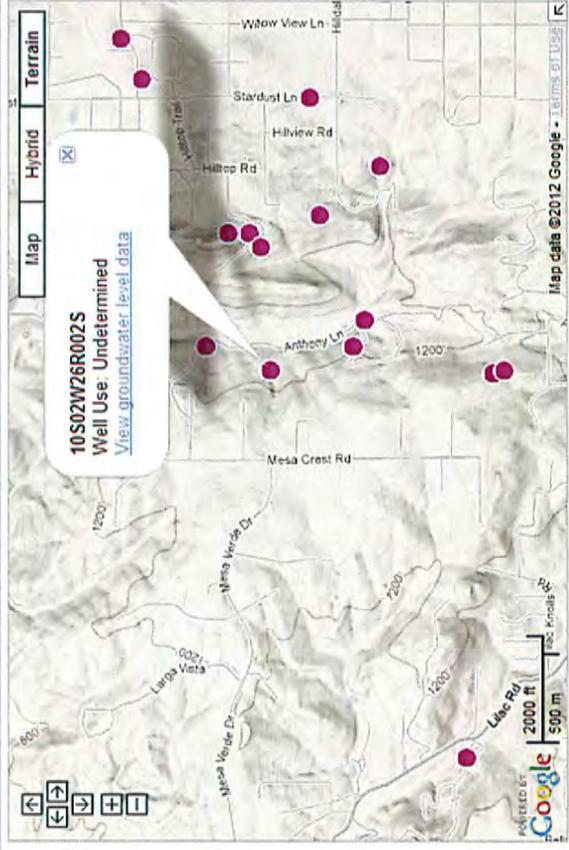
#### Site Type

Select the desired site type using the checkboxes, then click the "Refresh" button.

- Groundwater Level
- Water Quality
- Continuous Data

Refresh Map

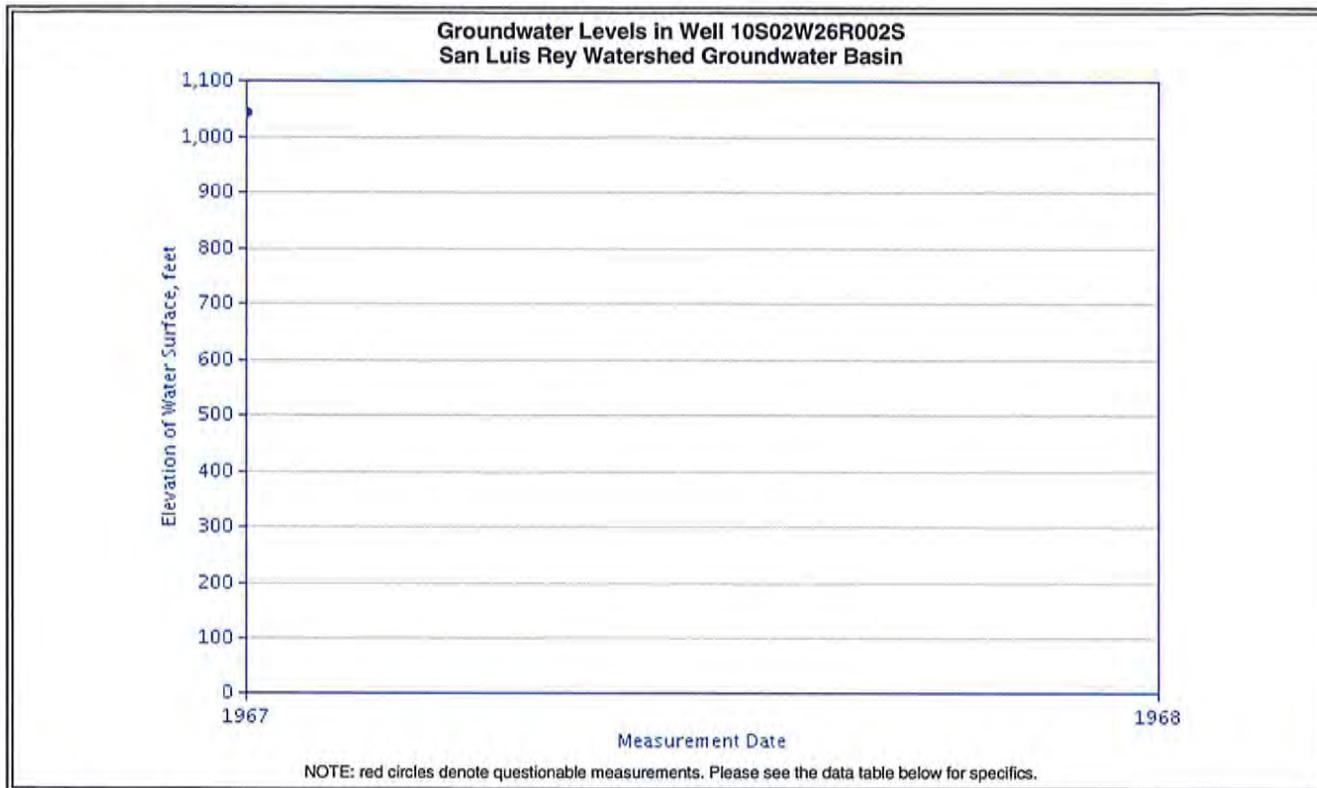
- Multi-parameter site
- Cluster, showing number of stations



Map Center:	33.273283, -117.056923
Map SW:	33.258858, -117.082758
Map NE:	33.287705, -117.031088
Map Zoom:	14
Mouse LatLon:	33.278234, -117.054863
Mouse Px:	733364, 1685593
Mouse Title:	2364, 6584
Mouse Click:	33.259217, -117.019501

## Groundwater Level Data for Well 10S02W26R002S

Your selection returned a total of 1 records. Wells in the Department of Water Resources monitoring network are identified by a [State Well Number](#), which is based on the Public Land Grid System. The table headings and records contain several [codes and abbreviations](#). Press the **New Search** or **Nearby Search** buttons or at the bottom of the page to begin a new data retrieval. Data for this well can also be downloaded in [MS Excel](#) or [text delimited format](#).



Groundwater Level Readings									
Meas. Date	R.P. Elev.	G.S. Elev.	RPWS	WSE	GSWS	QM Code	NM Code	Agency	Comment
01-01-1967	1055.0	1055.0	12.0	1043.0	12.0			5000	

Well Coordinates					
Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	495054	3681629	metres	11
LL	NAD27	117.0523	33.2737	decimal degrees	
LL	NAD83	117.0532	33.2737	decimal degrees	

**Well Use:** Undetermined

**For more information contact:**  
 Department of Water Resources, Southern District  
 Groundwater Section  
 770 Fairmont Avenue  
 Glendale, CA 91203

Phone: 818-500-1645, ext. 233  
 Fax: 818-543-4604

Search for wells within 0.5 mile radius.

- Water Data Library Home
- Groundwater Level Data
- Water Quality Data
- Continuous Data
- Historical Information
- Contact Information

### Water Data Library

Use the map below to locate monitoring stations. You can find an area of interest if you zoom and pan the map. Quickly find an area searching for named features on a map such as the name of a city, park, landmark lake, water feature, or zip code within California. Once at the area of interest, select the desired Site Type and click the "Refresh Map" button to show monitoring stations in the area. Additional searches by data type are possible by clicking the links on the left. For help on these and other ways to find your data [click here](#).

#### WDL STATION MAP

**Location Search**  
 To find monitoring stations for a specific area, enter the placename or zip code into the text box below then, click the "Search" button.

Search

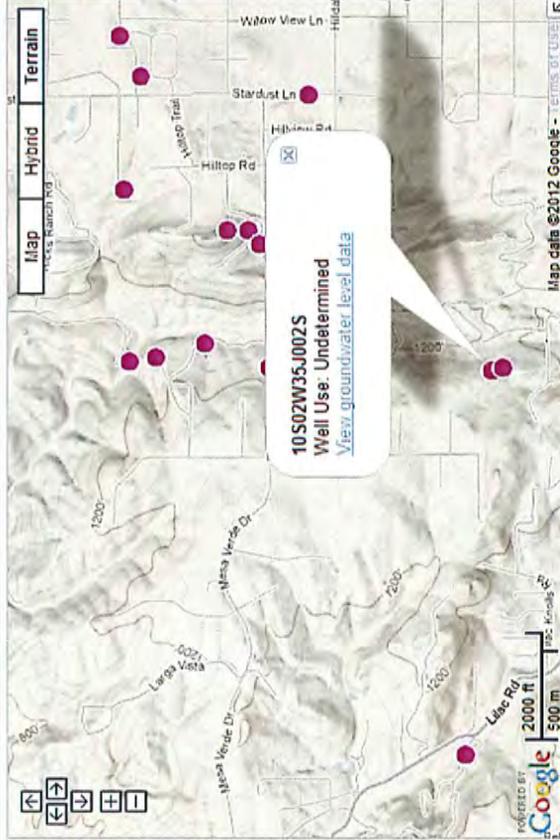
#### Site Type

Select the desired site type using the checkboxes, then click the "Refresh" button.

- Groundwater Level
- Water Quality
- Continuous Data

Refresh Map

- Multi-parameter site
- Cluster, showing number of stations



Map Center:	33.273283, -117.056923	Mouse LatLon:	33.263451, -117.034607
Map SW:	33.258838, -117.082758	Mouse Ex:	733600, 1685799
Map NE:	33.287705, -117.031088	Mouse Title:	2865, 6585
Map Zoom:	14	Mouse Click:	33.259217, -117.019501

## Groundwater Level Data for Well 10S02W35J002S

Your selection returned a total of 1 records. Wells in the Department of Water Resources monitoring network are identified by a [State Well Number](#), which is based on the Public Land Grid System. The table headings and records contain several [codes and abbreviations](#). Press the **New Search** or **Nearby Search** buttons or at the bottom of the page to begin a new data retrieval. Data for this well can also be downloaded in [MS Excel](#) or [text delimited format](#).



Groundwater Level Readings									
Meas. Date	R.P. Elev.	G.S. Elev.	RPWS	WSE	GSWS	QM Code	NM Code	Agency	Comment
01-01-1967	1210.0	1210.0	104.0	1106.0	104.0			5000	

Well Coordinates					
Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	495027	3680367	metres	11
LL	NAD27	117.0525	33.2623	decimal degrees	
LL	NAD83	117.0534	33.2623	decimal degrees	

**Well Use:** Undetermined

**For more information contact:**  
 Department of Water Resources, Southern District  
 Groundwater Section  
 770 Fairmont Avenue  
 Glendale, CA 91203

Phone: 818-500-1645, ext. 233  
 Fax: 818-543-4604

Search for wells within 0.5 mile radius.

LINK TO THIS MAP

# GEOTRACKER

**LAYERS**

- SIGNIFES A CLOSED SITE
- Leaking Underground Tank (LUST) Cleanup Sites
- Other Cleanup Sites
- Land Disposal Sites
- Military Sites
- WDR Sites
- Permitted Underground Storage Tank (UST) Facilities
- Monitoring Wells\*
  - \* ZOOM IN TO SEE MWS
- DTSC Cleanup Sites
- DTSC Haz Waste Permit

**MAP SIZE**  
640x480

**OPTIONS**

- Site List - EXPORT TO EXCEL

0 Sites

SITE LIST	GLOBAL ID	CLEANUP STATUS	ADDRESS	CITY
<p style="text-align: center;">1000 FEET OF THE FOLLOWING ADDRESS: Assessor Parcel Number 129-162-07-00</p>				

# APPENDIX C

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## EDR HISTORICAL REPORTS

**Mesa Verde Road**  
Mesa Verde Road  
Valley Center, CA 92082

Inquiry Number: 03480267.2r  
December 19, 2012

## The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

MESA VERDE ROAD  
VALLEY CENTER, CA 92082

#### COORDINATES

Latitude (North):	33.2693000 - 33° 16' 9.48"
Longitude (West):	117.0574000 - 117° 3' 26.64"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	494654.2
UTM Y (Meters):	3680951.8
Elevation:	1390 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	33117-C1 PALA, CA
Most Recent Revision:	1988

### 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  
WDS..... Waste Discharge System

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

LUST..... Geotracker's Leaking Underground Fuel Tank Report

## EXECUTIVE SUMMARY

SLIC..... Statewide SLIC Cases  
SAN DIEGO CO. SAM..... Environmental Case Listing  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

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

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

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

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

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

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

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

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

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

US CDL..... Clandestine Drug Labs  
HIST Cal-Sites..... Historical Calsites Database  
SCH..... School Property Evaluation Program  
Toxic Pits..... Toxic Pits Cleanup Act Sites  
CDL..... Clandestine Drug Labs  
San Diego Co. HMMD..... Hazardous Materials Management Division Database  
US HIST CDL..... National Clandestine Laboratory Register

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

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

#### ***Local Land Records***

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

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

HMIRS..... Hazardous Materials Information Reporting System

## EXECUTIVE SUMMARY

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

### **Other Ascertainable Records**

RCRA-NonGen.....	RCRA - Non Generators
DOT OPS.....	Incident and Accident Data
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN.....	Bond Expenditure Plan
NPDES.....	NPDES Permits Listing
UIC.....	UIC 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
EPA WATCH LIST.....	EPA WATCH LIST
PRP.....	Potentially Responsible Parties
US FIN ASSUR.....	Financial Assurance Information
2020 COR ACTION.....	2020 Corrective Action Program List
PCB TRANSFORMER.....	PCB Transformer Registration Database
PROC.....	Certified Processors Database
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

### **EDR PROPRIETARY RECORDS**

#### ***EDR Proprietary Records***

Manufactured Gas Plants.....	EDR Proprietary Manufactured Gas Plants
------------------------------	---

## EXECUTIVE SUMMARY

EDR Historical Auto Stations, EDR Proprietary Historic Gas Stations  
EDR Historical Cleaners, EDR Proprietary Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

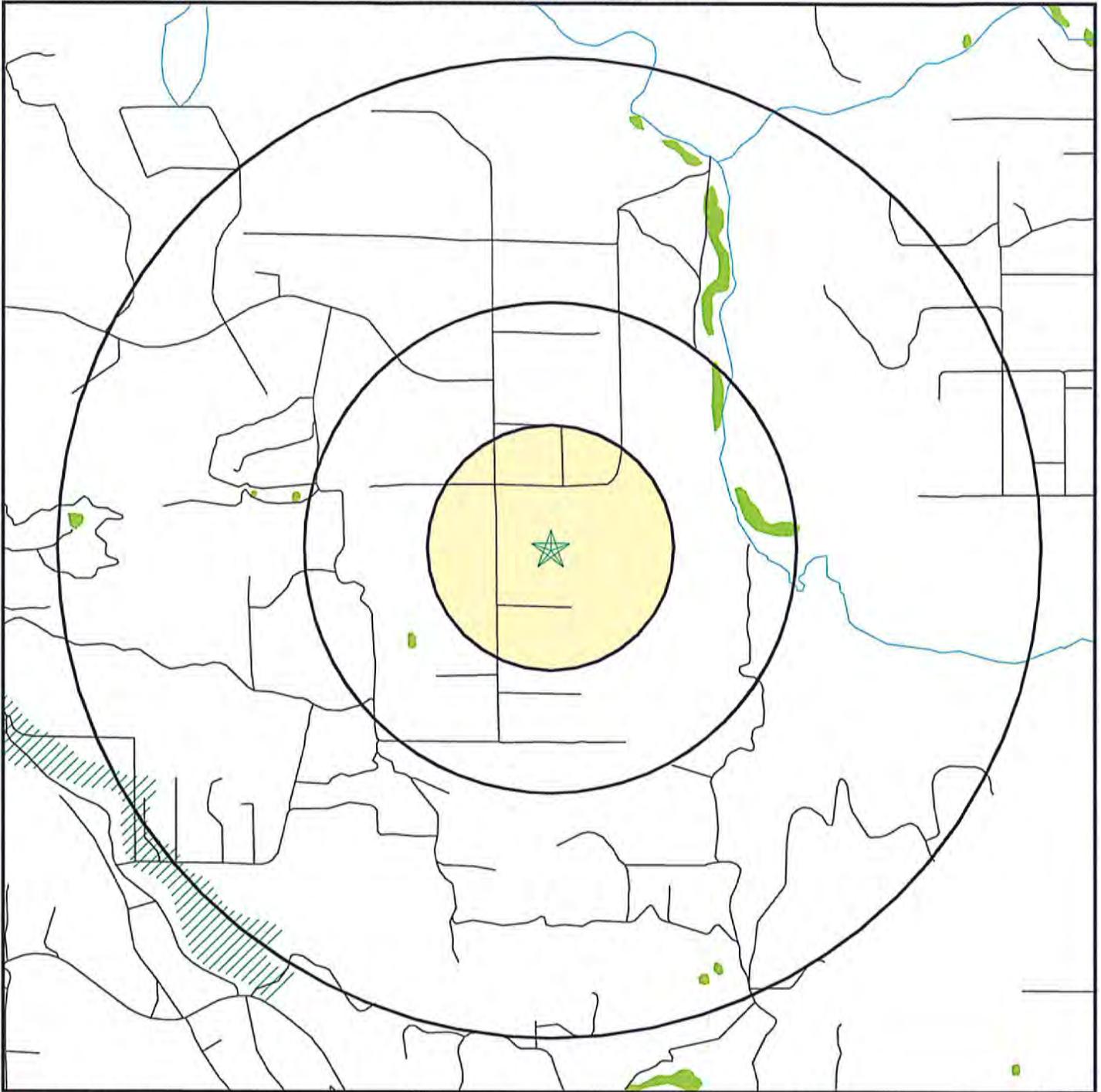
Unmappable (orphan) sites are not considered in the foregoing analysis.

## EXECUTIVE SUMMARY

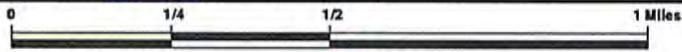
Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

<u>Site Name</u>	<u>Database(s)</u>
LOOP ROAD CG 4530	ENF
RICK RANCH ROAD GRADING	NPDES
THE YELLOW BRICK ROAD	NPDES
VALLEY CENTER LANDFILL	SWF/LF
NAVAL BASE SAN DIEGO, PIER 10 BERT	ERNS
NORTH SIDE INNER MIKE / PIER 5000	ERNS
140 SYLVESTER ROAD	ERNS
LA JOLLA TRADING POST	INDIAN UST

# OVERVIEW MAP - 03480267.2r



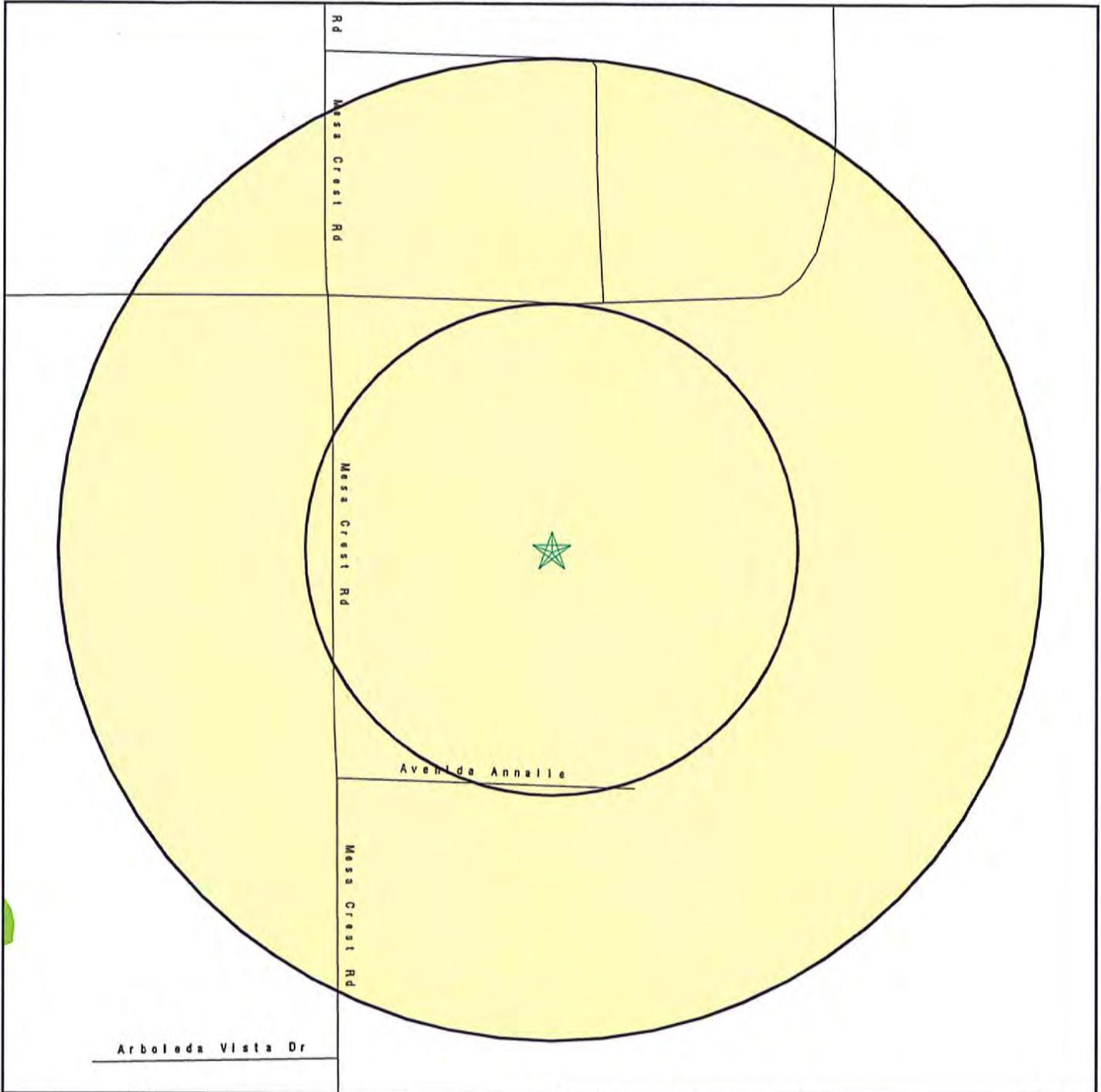
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern



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

<p><b>SITE NAME:</b> Mesa Verde Road  <b>ADDRESS:</b> Mesa Verde Road                  Valley Center CA 92082  <b>LAT/LONG:</b> 33.2693 / 117.0574</p>	<p><b>CLIENT:</b> Petra Geotechnical Inc  <b>CONTACT:</b> Jon Cain  <b>INQUIRY #:</b> 03480267.2r  <b>DATE:</b> December 19, 2012 4:00 pm</p>
--	---

# DETAIL MAP - 03480267.2r



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

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

  Areas of Concern

0      1/16      1/8      1/4 Miles

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: Mesa Verde Road ADDRESS: Mesa Verde Road Valley Center CA 92082 LAT/LONG: 33.2693 / 117.0574	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY #: 03480267.2r DATE: December 19, 2012 4:03 pm
--	--

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	Total Plotted
<b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
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
SAN DIEGO CO. SAM	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
San Diego Co. HMMMD	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
CA FID UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
SWEEPS UST	0.250		0	0	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	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
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	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
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
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
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

### EDR PROPRIETARY RECORDS

#### *EDR Proprietary Records*

Manufactured Gas Plants	1.000		0	0	0	0	NR	0
-------------------------	-------	--	---	---	---	---	----	---

## MAP FINDINGS SUMMARY

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

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NO SITES FOUND

Count: 8 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN DIEGO COUNTY	S110985125	LOOP ROAD CG 4530	INTERSECTION OF ALTA ROAD AND		ENF
SAN DIEGO COUNTY	2011981583	NAVAL BASE SAN DIEGO, PIER 10 BERT	NAVAL BASE SAN DIEGO, PIER 10		ERNS
SAN DIEGO COUNTY	2011979013	NORTH SIDE INNER MIKE / PIER 5000	NORTH SIDE INNER MIKE / PIER 5		ERNS
SAN DIEGO COUNTY	2011974297	140 SYLVESTER ROAD	140 SYLVESTER ROAD		ERNS
VALLEY CENTER	1009393157	LA JOLLA TRADING POST	22000 HWY 76	92082	INDIAN UST
VALLEY CENTER	S105155595	VALLEY CENTER LANDFILL	28700 BLK AERIE RD		SWFLF
VALLEY CENTER	S109455968	RICK RANCH ROAD GRADING	13318 RICK RINCH	92082	NPDES
VALLEY CENTER	S109460964	THE YELLOW BRICK ROAD	YELLOW BRICK RD & VALLEY CTR	92082	NPDES

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

### *Federal NPL site list*

#### NPL: National Priority List

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

Date of Government Version: 06/07/2012	Source: EPA
Date Data Arrived at EDR: 07/05/2012	Telephone: N/A
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/21/2013
	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: 06/07/2012	Source: EPA
Date Data Arrived at EDR: 07/05/2012	Telephone: N/A
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/21/2013
	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: 06/07/2012	Source: EPA
Date Data Arrived at EDR: 07/05/2012	Telephone: N/A
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/21/2013
	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: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 14	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: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/09/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/21/2013
	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: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 14	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: 11/29/2012  
Next Scheduled EDR Contact: 01/14/2013  
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: 11/29/2012  
Next Scheduled EDR Contact: 01/14/2013  
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: 11/29/2012  
Next Scheduled EDR Contact: 01/14/2013  
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: 11/29/2012  
Next Scheduled EDR Contact: 01/14/2013  
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: 10/02/2012
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/14/2013
	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: 11/05/2012	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/06/2012	Telephone: 916-323-3400
Date Made Active in Reports: 11/30/2012	Last EDR Contact: 12/06/2012
Number of Days to Update: 24	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: 11/05/2012	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/06/2012	Telephone: 916-323-3400
Date Made Active in Reports: 11/30/2012	Last EDR Contact: 12/06/2012
Number of Days to Update: 24	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: 08/20/2012	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 08/20/2012	Telephone: 916-341-6320
Date Made Active in Reports: 10/03/2012	Last EDR Contact: 11/19/2012
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Quarterly

#### WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 11/26/2012
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

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

#### 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

#### 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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

### LUST REG 2: Fuel Leak List

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

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

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

### LUST REG 3: Leaking Underground Storage Tank Database

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

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

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

### LUST REG 4: Underground Storage Tank Leak List

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

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

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

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

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

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

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

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

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

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

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-4834  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: No Update Planned

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

### LUST REG 8: Leaking Underground Storage Tanks

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

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

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

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

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

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

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

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

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 12/17/2012  
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  
Date Data Arrived at EDR: 04/07/2003  
Date Made Active in Reports: 04/25/2003  
Number of Days to Update: 18

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

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

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

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

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

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

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

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

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

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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

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

### INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011  
Date Data Arrived at EDR: 09/13/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 59

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 07/26/2012  
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  
Date Data Arrived at EDR: 08/28/2012  
Date Made Active in Reports: 10/16/2012  
Number of Days to Update: 49

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 07/26/2012  
Next Scheduled EDR Contact: 02/11/2013  
Data Release Frequency: Quarterly

### INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011  
Date Data Arrived at EDR: 12/15/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 26

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 07/26/2012  
Next Scheduled EDR Contact: 02/11/2013  
Data Release Frequency: Semi-Annually

### INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012  
Date Data Arrived at EDR: 05/09/2012  
Date Made Active in Reports: 07/10/2012  
Number of Days to Update: 62

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 11/01/2012  
Next Scheduled EDR Contact: 02/11/2013  
Data Release Frequency: Varies

### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/17/2012  
Date Data Arrived at EDR: 08/28/2012  
Date Made Active in Reports: 10/16/2012  
Number of Days to Update: 49

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 07/26/2012  
Next Scheduled EDR Contact: 02/11/2013  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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: 10/22/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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 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 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 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

### 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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/15/2012
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: Varies

### *State and tribal voluntary cleanup sites*

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/28/2012	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: 10/02/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Varies

#### 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: 11/05/2012	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/06/2012	Telephone: 916-323-3400
Date Made Active in Reports: 11/30/2012	Last EDR Contact: 12/06/2012
Number of Days to Update: 24	Next Scheduled EDR Contact: 02/18/2013
	Data Release Frequency: Quarterly

### 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: 10/24/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/26/2012	Telephone: 202-566-2777
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 12/11/2012
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/08/2013
	Data Release Frequency: Semi-Annually

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985	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

### 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	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/03/2012
Number of Days to Update: 137	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 11/12/2012
Number of Days to Update: 30	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	Source: Department of Conservation
Date Data Arrived at EDR: 09/19/2012	Telephone: 916-323-3836
Date Made Active in Reports: 10/12/2012	Last EDR Contact: 12/17/2012
Number of Days to Update: 23	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: 07/09/2012	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 07/12/2012	Telephone: 916-341-6422
Date Made Active in Reports: 09/06/2012	Last EDR Contact: 12/14/2012
Number of Days to Update: 56	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/05/2012
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/18/2013
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Local Lists of Hazardous waste / Contaminated Sites

### US CDL: Clandestine Drug Labs

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

Date of Government Version: 07/11/2012	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/12/2012	Telephone: 202-307-1000
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 12/03/2012
Number of Days to Update: 54	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	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

### SCH: School Property Evaluation Program

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

Date of Government Version: 11/05/2012	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/06/2012	Telephone: 916-323-3400
Date Made Active in Reports: 11/30/2012	Last EDR Contact: 12/06/2012
Number of Days to Update: 24	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

### CDL: Clandestine Drug Labs

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

Date of Government Version: 06/30/2012	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 09/12/2012	Telephone: 916-255-6504
Date Made Active in Reports: 10/03/2012	Last EDR Contact: 10/01/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

### Local Lists of Registered Storage Tanks

#### CA FID UST: Facility Inventory Database

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

Date of Government Version: 10/31/1994	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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/16/2012  
Date Data Arrived at EDR: 03/26/2012  
Date Made Active in Reports: 06/14/2012  
Number of Days to Update: 80

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 11/01/2012  
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  
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 Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 12/10/2012  
Next Scheduled EDR Contact: 03/25/2013  
Data Release Frequency: Varies

### DEED: Deed Restriction Listing

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

Date of Government Version: 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: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 12/11/2012  
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  
Date Data Arrived at EDR: 04/03/2012  
Date Made Active in Reports: 06/14/2012  
Number of Days to Update: 72

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 10/02/2012  
Next Scheduled EDR Contact: 01/14/2013  
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  
Date Data Arrived at EDR: 05/01/2012  
Date Made Active in Reports: 05/25/2012  
Number of Days to Update: 24

Source: Office of Emergency Services  
Telephone: 916-845-8400  
Last EDR Contact: 11/02/2012  
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  
Date Data Arrived at EDR: 10/18/2012  
Date Made Active in Reports: 11/07/2012  
Number of Days to Update: 20

Source: State Water Quality Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 12/17/2012  
Next Scheduled EDR Contact: 04/01/2013  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### MCS: Military Cleanup Sites Listing

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

Date of Government Version: 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

#### RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 09/11/2012	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: 11/29/2012
Number of Days to Update: 61	Next Scheduled EDR Contact: 01/14/2013
	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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/2012  
Date Data Arrived at EDR: 07/24/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 10/01/2012  
Next Scheduled EDR Contact: 01/14/2013  
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  
Date Data Arrived at EDR: 03/14/2012  
Date Made Active in Reports: 06/14/2012  
Number of Days to Update: 92

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 12/11/2012  
Next Scheduled EDR Contact: 03/25/2013  
Data Release Frequency: Annually

### UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 11/28/2012  
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  
Date Data Arrived at EDR: 09/08/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 12/05/2012  
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  
Date Data Arrived at EDR: 09/01/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 131

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 11/28/2012  
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  
Date Data Arrived at EDR: 09/29/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 64

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 06/29/2012  
Next Scheduled EDR Contact: 01/07/2013  
Data Release Frequency: Every 4 Years

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**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

**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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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

### 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: 10/02/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/21/2013
	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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

### BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 03/01/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 62

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 11/30/2012  
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  
Date Data Arrived at EDR: 07/27/1994  
Date Made Active in Reports: 08/02/1994  
Number of Days to Update: 6

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

### UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 08/14/2012  
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: 916-445-2408  
Last EDR Contact: 09/19/2012  
Next Scheduled EDR Contact: 12/31/2012  
Data Release Frequency: Varies

### NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/20/2012  
Date Data Arrived at EDR: 08/20/2012  
Date Made Active in Reports: 10/03/2012  
Number of Days to Update: 44

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 11/19/2012  
Next Scheduled EDR Contact: 03/04/2013  
Data Release Frequency: Quarterly

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

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

Date of Government Version: 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: 10/02/2012  
Next Scheduled EDR Contact: 01/14/2013  
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 [CAL SITES]. This listing is no longer updated by the state agency.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/19/2012  
Date Data Arrived at EDR: 01/19/2012  
Date Made Active in Reports: 02/21/2012  
Number of Days to Update: 33

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: 10/01/2012  
Next Scheduled EDR Contact: 01/14/2013  
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.

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: 10/15/2012  
Next Scheduled EDR Contact: 01/28/2013  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2008	Source: California Air Resources Board
Date Data Arrived at EDR: 09/29/2010	Telephone: 916-322-2990
Date Made Active in Reports: 10/18/2010	Last EDR Contact: 09/28/2012
Number of Days to Update: 19	Next Scheduled EDR Contact: 01/07/2013
	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	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/18/2012
Number of Days to Update: 34	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 10/22/2012
Number of Days to Update: 54	Next Scheduled EDR Contact: 02/04/2013
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 12/11/2012
Number of Days to Update: 77	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	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/16/2012	Telephone: 916-440-7145
Date Made Active in Reports: 11/07/2012	Last EDR Contact: 10/16/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/28/2013
	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: 08/28/2012	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/28/2012	Telephone: 916-323-3400
Date Made Active in Reports: 10/03/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

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

Date of Government Version: 08/14/2012	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 08/20/2012	Telephone: 916-341-6066
Date Made Active in Reports: 10/03/2012	Last EDR Contact: 11/16/2012
Number of Days to Update: 44	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	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/01/2007	Telephone: 916-255-3628
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 11/02/2012
Number of Days to Update: 28	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 08/16/2012
Number of Days to Update: 7	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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/18/2012
Number of Days to Update: 339	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	Source: EPA
Date Data Arrived at EDR: 10/04/2012	Telephone: 202-564-6023
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 10/04/2012
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2012	Telephone: 617-520-3000
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 11/12/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 02/25/2013
	Data Release Frequency: Quarterly

### US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 08/20/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2012	Telephone: 202-566-1917
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 11/16/2012
Number of Days to Update: 69	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 11/02/2012
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

### PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/17/2012	Source: Department of Conservation
Date Data Arrived at EDR: 09/19/2012	Telephone: 916-323-3836
Date Made Active in Reports: 10/03/2012	Last EDR Contact: 12/17/2013
Number of Days to Update: 14	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: 09/06/2012	Source: Department of Public Health
Date Data Arrived at EDR: 09/12/2012	Telephone: 916-558-1784
Date Made Active in Reports: 10/03/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

### COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 10/16/2012
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: Varies

## EDR PROPRIETARY RECORDS

### *EDR Proprietary Records*

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

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

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

## EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

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

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

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

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### Contaminated Sites

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

Date of Government Version: 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: 06/27/2012  
Next Scheduled EDR Contact: 10/15/2012  
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: 06/27/2012  
Next Scheduled EDR Contact: 10/15/2012  
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: 10/15/2012  
Next Scheduled EDR Contact: 01/28/2013  
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: 12/14/2012  
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: 10/10/2012  
Date Data Arrived at EDR: 10/11/2012  
Date Made Active in Reports: 11/07/2012  
Number of Days to Update: 27

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: 08/20/2012  
Date Data Arrived at EDR: 08/22/2012  
Date Made Active in Reports: 10/03/2012  
Number of Days to Update: 42

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: 10/28/2012  
Next Scheduled EDR Contact: 01/28/2013  
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	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/19/2012	Telephone: 310-618-2973
Date Made Active in Reports: 11/07/2012	Last EDR Contact: 10/15/2012
Number of Days to Update: 19	Next Scheduled EDR Contact: 01/28/2013
	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	Source: Madera County Environmental Health
Date Data Arrived at EDR: 09/18/2012	Telephone: 559-675-7823
Date Made Active in Reports: 10/03/2012	Last EDR Contact: 11/26/2012
Number of Days to Update: 15	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	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 07/31/2012	Telephone: 415-499-6647
Date Made Active in Reports: 09/14/2012	Last EDR Contact: 11/09/2012
Number of Days to Update: 45	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Semi-Annually

### MERCED COUNTY:

#### CUPA Facility List

CUPA facility list.

Date of Government Version: 09/18/2012	Source: Merced County Environmental Health
Date Data Arrived at EDR: 09/19/2012	Telephone: 209-381-1094
Date Made Active in Reports: 10/03/2012	Last EDR Contact: 12/18/2012
Number of Days to Update: 14	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	Source: Monterey County Health Department
Date Data Arrived at EDR: 09/18/2012	Telephone: 831-796-1297
Date Made Active in Reports: 10/03/2012	Last EDR Contact: 11/26/2012
Number of Days to Update: 15	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	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 12/06/2011	Telephone: 707-253-4269
Date Made Active in Reports: 02/07/2012	Last EDR Contact: 12/03/2012
Number of Days to Update: 63	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	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/16/2008	Telephone: 707-253-4269
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 12/05/2012
Number of Days to Update: 23	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	Source: Community Development Agency
Date Data Arrived at EDR: 11/06/2012	Telephone: 530-265-1467
Date Made Active in Reports: 11/30/2012	Last EDR Contact: 11/05/2012
Number of Days to Update: 24	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	Source: Health Care Agency
Date Data Arrived at EDR: 11/16/2012	Telephone: 714-834-3446
Date Made Active in Reports: 12/03/2012	Last EDR Contact: 11/12/2012
Number of Days to Update: 17	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	Source: Health Care Agency
Date Data Arrived at EDR: 11/16/2012	Telephone: 714-834-3446
Date Made Active in Reports: 12/03/2012	Last EDR Contact: 11/05/2012
Number of Days to Update: 17	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	Source: Health Care Agency
Date Data Arrived at EDR: 11/15/2012	Telephone: 714-834-3446
Date Made Active in Reports: 12/03/2012	Last EDR Contact: 11/12/2012
Number of Days to Update: 18	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: 09/05/2012	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 09/11/2012	Telephone: 530-745-2363
Date Made Active in Reports: 10/03/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 22	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	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/18/2012	Telephone: 951-358-5055
Date Made Active in Reports: 11/07/2012	Last EDR Contact: 09/24/2012
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/07/2013
	Data Release Frequency: Quarterly

#### Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/16/2012	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/18/2012	Telephone: 951-358-5055
Date Made Active in Reports: 11/07/2012	Last EDR Contact: 09/24/2012
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/07/2013
	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	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/11/2012	Telephone: 916-875-8406
Date Made Active in Reports: 11/02/2012	Last EDR Contact: 10/09/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/21/2013
	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	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/11/2012	Telephone: 916-875-8406
Date Made Active in Reports: 11/13/2012	Last EDR Contact: 10/09/2012
Number of Days to Update: 33	Next Scheduled EDR Contact: 01/21/2013
	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: 12/10/2012  
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	Source: Environmental Health Department
Date Data Arrived at EDR: 09/25/2012	Telephone: N/A
Date Made Active in Reports: 10/23/2012	Last EDR Contact: 12/18/2012
Number of Days to Update: 28	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	Source: San Luis Obispo County Public Health Department
Date Data Arrived at EDR: 09/25/2012	Telephone: 805-781-5596
Date Made Active in Reports: 11/02/2012	Last EDR Contact: 11/26/2012
Number of Days to Update: 38	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	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 10/19/2012	Telephone: 650-363-1921
Date Made Active in Reports: 11/13/2012	Last EDR Contact: 12/12/2012
Number of Days to Update: 25	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	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 09/18/2012	Telephone: 650-363-1921
Date Made Active in Reports: 10/03/2012	Last EDR Contact: 12/12/2012
Number of Days to Update: 15	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	Source: Santa Barbara County Public Health Department
Date Data Arrived at EDR: 09/09/2011	Telephone: 805-686-8167
Date Made Active in Reports: 10/07/2011	Last EDR Contact: 12/10/2012
Number of Days to Update: 28	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: 09/04/2012  
Date Data Arrived at EDR: 09/06/2012  
Date Made Active in Reports: 10/03/2012  
Number of Days to Update: 27

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: 08/23/2012  
Date Data Arrived at EDR: 08/28/2012  
Date Made Active in Reports: 10/03/2012  
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	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 10/09/2012	Telephone: 707-784-6770
Date Made Active in Reports: 10/23/2012	Last EDR Contact: 12/12/2012
Number of Days to Update: 14	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	Source: Department of Health Services
Date Data Arrived at EDR: 10/03/2012	Telephone: 707-565-6565
Date Made Active in Reports: 10/23/2012	Last EDR Contact: 10/01/2012
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 09/06/2012	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 09/11/2012	Telephone: 530-822-7500
Date Made Active in Reports: 10/03/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 22	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	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 05/25/2012	Telephone: 805-654-2813
Date Made Active in Reports: 07/06/2012	Last EDR Contact: 11/21/2012
Number of Days to Update: 42	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	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 10/04/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 01/21/2013
	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	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 11/15/2012
Number of Days to Update: 37	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: 08/20/2012	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/20/2012	Telephone: 860-424-3375
Date Made Active in Reports: 09/20/2012	Last EDR Contact: 11/19/2012
Number of Days to Update: 31	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: 10/16/2012  
Next Scheduled EDR Contact: 01/28/2013  
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

MESA VERDE ROAD  
MESA VERDE ROAD  
VALLEY CENTER, CA 92082

### TARGET PROPERTY COORDINATES

Latitude (North):	33.2693 - 33° 16' 9.48"
Longitude (West):	117.0574 - 117° 3' 26.64"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	494654.2
UTM Y (Meters):	3680951.8
Elevation:	1390 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	33117-C1 PALA, CA
Most Recent Revision:	1988

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).

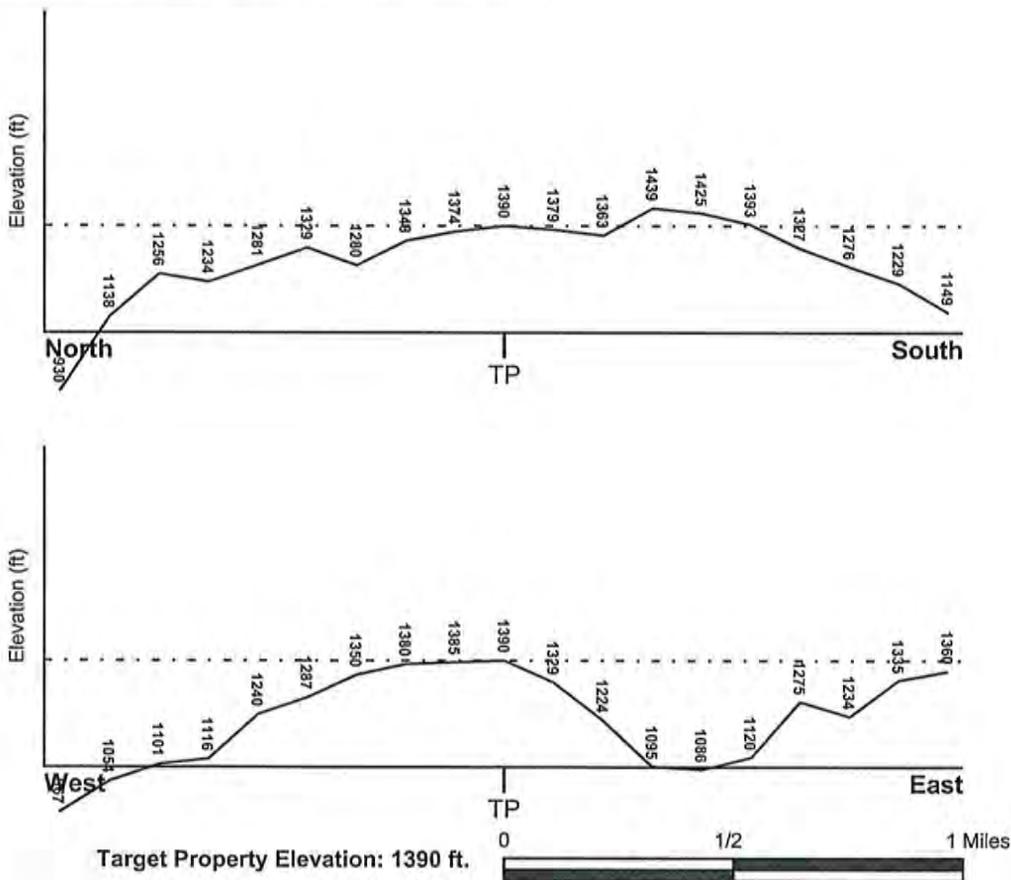
## TOPOGRAPHIC INFORMATION

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 ENE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

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

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

### FEMA FLOOD ZONE

Target Property County  
SAN DIEGO, CA

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

Flood Plain Panel at Target Property:

06073C - FEMA DFIRM Flood data

Additional Panels in search area:

Not Reported

### NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
PALA

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

### HYDROGEOLOGIC INFORMATION

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

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

Search Radius: 1.25 miles  
Status: Not found

### AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### ROCK STRATIGRAPHIC UNIT

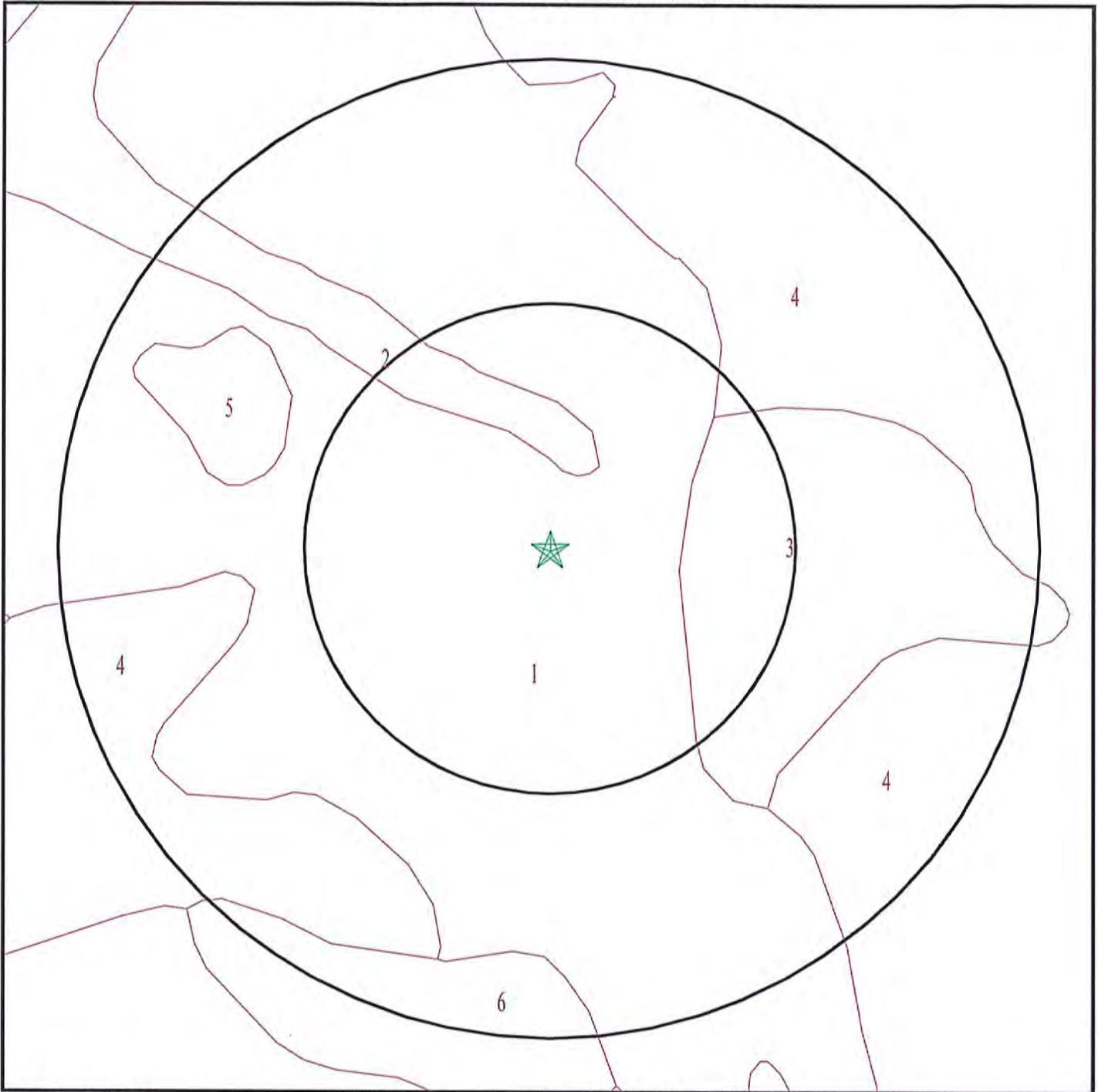
Era:	Mesozoic
System:	Cretaceous
Series:	Cretaceous granitic rocks
Code:	Kg (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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

# SSURGO SOIL MAP - 03480267.2r



- ★ Target Property
- ∕ SSURGO Soil
- ∕ Water



SITE NAME: Mesa Verde Road  
ADDRESS: Mesa Verde Road  
Valley Center CA 92082  
LAT/LONG: 33.2693 / 117.0574

CLIENT: Petra Geotechnical Inc  
CONTACT: Jon Cain  
INQUIRY #: 03480267.2r  
DATE: December 19, 2012 4:03 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: VISTA

Soil Surface Texture: coarse sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	18 inches	35 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:
3	35 inches	38 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 2

Soil Component Name: PLACENTIA

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially 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	12 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9
2	12 inches	33 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9
3	33 inches	62 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9

### Soil Map ID: 3

Soil Component Name: METAMORPHIC ROCK LAND

Soil Surface Texture: unweathered bedrock

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

Soil Drainage Class: Excessively drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 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	3 inches	unweathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

**Soil Map ID: 4**

Soil Component Name: FALLBROOK

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	5 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	11 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	27 inches	46 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
5	46 inches	51 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

### Soil Map ID: 5

Soil Component Name:

CIENEBA

Soil Surface Texture:

coarse sandy loam

Hydrologic Group:

Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min:

> 5 inches

Depth to Watertable Min:

> 0 inches

## GEOCHECK<sup>®</sup> - 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	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	7 inches	11 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:

**Soil Map ID: 6**

Soil Component Name: VISTA

Soil Surface Texture: coarse sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 5 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	12 inches	27 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
3	27 inches	31 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:

### LOCAL / REGIONAL WATER AGENCY RECORDS

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

### WELL SEARCH DISTANCE INFORMATION

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

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	USGS3128135	1/4 - 1/2 Mile East
5	USGS3127965	1/4 - 1/2 Mile NE
B6	USGS3127975	1/4 - 1/2 Mile NE
B7	USGS3127974	1/4 - 1/2 Mile NE
B9	USGS3127981	1/4 - 1/2 Mile NE
C10	USGS3128129	1/4 - 1/2 Mile East
D11	USGS3128075	1/2 - 1 Mile SSE
D13	USGS3128073	1/2 - 1 Mile SSE
D15	USGS3128069	1/2 - 1 Mile SSE

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E17	USGS3128000	1/2 - 1 Mile NE
F21	USGS3128012	1/2 - 1 Mile NNE
G23	USGS3127980	1/2 - 1 Mile ENE
G24	USGS3127979	1/2 - 1 Mile ENE
27	USGS3128140	1/2 - 1 Mile East
H28	USGS3127951	1/2 - 1 Mile East
H29	USGS3127952	1/2 - 1 Mile East
I30	USGS3128021	1/2 - 1 Mile NNE
32	USGS3127984	1/2 - 1 Mile ENE
J33	USGS3127988	1/2 - 1 Mile ENE
34	USGS3127977	1/2 - 1 Mile ENE

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

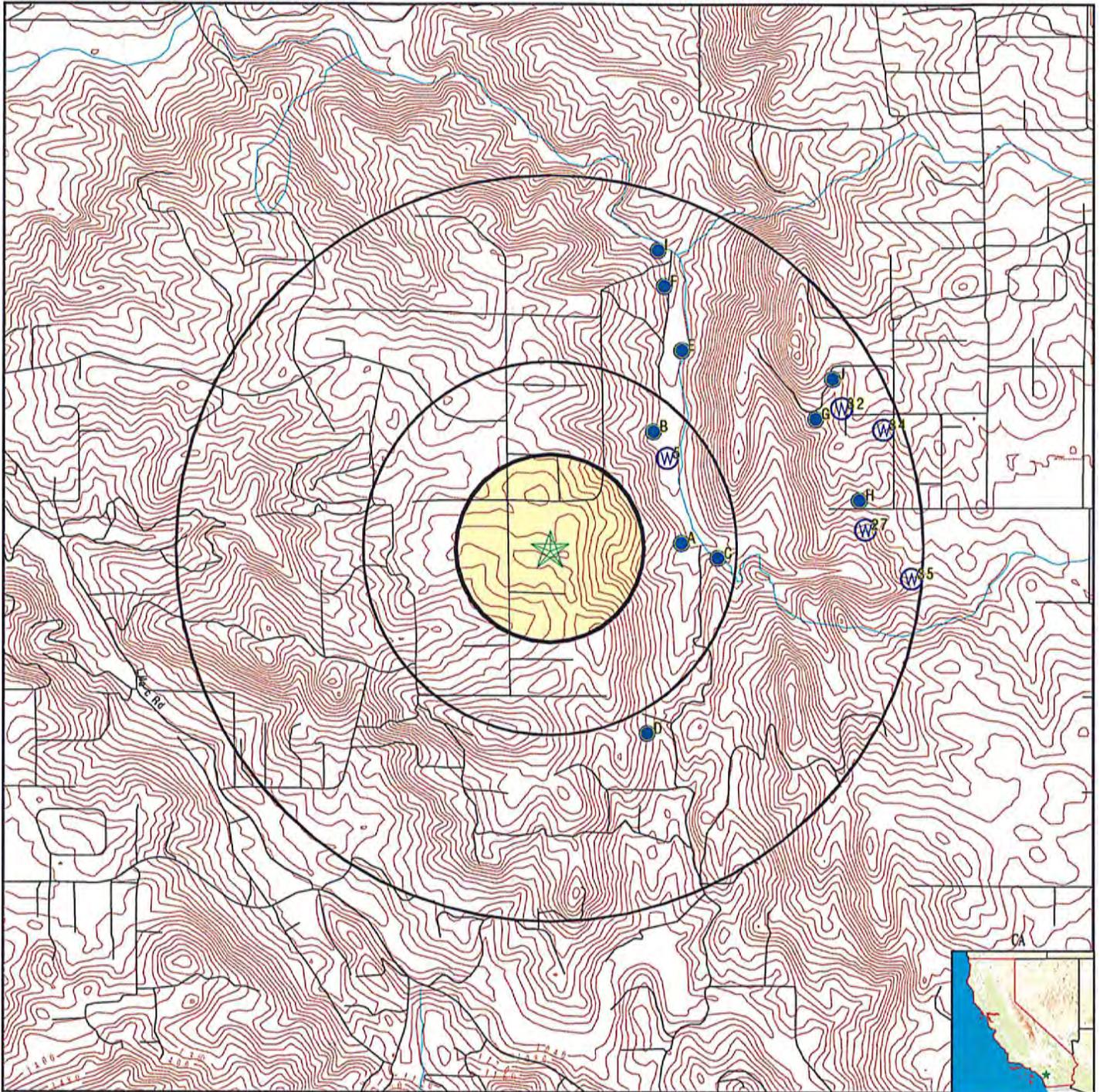
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

### STATE DATABASE WELL INFORMATION

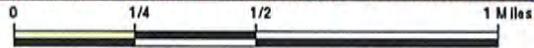
MAP ID	WELL ID	LOCATION FROM TP
A1	CADW40000001824	1/4 - 1/2 Mile East
B3	CADW40000001860	1/4 - 1/2 Mile NE
B4	CADW40000001859	1/4 - 1/2 Mile NE
C8	CADW40000001820	1/4 - 1/2 Mile East
D12	CADW40000001749	1/2 - 1 Mile SSE
D14	CADW40000001746	1/2 - 1 Mile SSE
E16	CADW40000001890	1/2 - 1 Mile NNE
F18	CADW40000001903	1/2 - 1 Mile NNE
G19	CADW40000001865	1/2 - 1 Mile ENE
G20	CADW40000001866	1/2 - 1 Mile ENE
H22	CADW40000001839	1/2 - 1 Mile East
G25	CADW40000001870	1/2 - 1 Mile ENE
I26	CADW40000001913	1/2 - 1 Mile NNE
J31	CADW40000001878	1/2 - 1 Mile ENE
35	CADW40000001812	1/2 - 1 Mile East

# PHYSICAL SETTING SOURCE MAP - 03480267.2r



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

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



**SITE NAME:** Mesa Verde Road  
**ADDRESS:** Mesa Verde Road  
 Valley Center CA 92082  
**LAT/LONG:** 33.2693 / 117.0574

**CLIENT:** Petra Geotechnical Inc  
**CONTACT:** Jon Cain  
**INQUIRY #:** 03480267.2r  
**DATE:** December 19, 2012 4:03 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**

East  
1/4 - 1/2 Mile  
Lower

CA WELLS      CADW40000001824

Longitude:            -117.0509  
Latitude:              33.2695  
Stwellno:              10S02W35A001S  
Districtco:            3  
Welluseco:            Z  
Countyco:             37  
Gwcode:               950399  
Site id:                CADW40000001824

**A2**

East  
1/4 - 1/2 Mile  
Lower

FED USGS      USGS3128135

Agency cd:	USGS	Site no:	331610117030001
Site name:	010S002W35A001S	EDR Site id:	USGS3128135
Latitude:	331610	Dec lat:	33.26947951
Longitude:	1170300	Coor meth:	M
Dec lon:	-117.05086339	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1075.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
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:	49.0	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:	1967-01-01	Ground water data end date:	1967-01-01
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
1967-01-01	13.00	

1967-01-01 13.00

**B3**

**NE**

**1/4 - 1/2 Mile**

**Lower**

**CA WELLS**

**CADW40000001860**

Longitude: -117.0523  
 Latitude: 33.2737  
 Stwellno: 10S02W26R003S  
 Districtco: 3  
 Welluseco: Z  
 Countyco: 37  
 Gwcode: 950399  
 Site id: CADW40000001860

**B4**

**NE**

**1/4 - 1/2 Mile**

**Lower**

**CA WELLS**

**CADW40000001859**

Longitude: -117.0523  
 Latitude: 33.2737  
 Stwellno: 10S02W26R002S  
 Districtco: 3  
 Welluseco: Z  
 Countyco: 37  
 Gwcode: 950399  
 Site id: CADW40000001859

**5**

**NE**

**1/4 - 1/2 Mile**

**Lower**

**FED USGS**

**USGS3127965**

Agency cd:	USGS	Site no:	331622117030401
Site name:	010S002W26R004S	EDR Site id:	USGS3127965
Latitude:	331622	Dec lat:	33.27281275
Longitude:	1170304	Coor meth:	M
Dec lon:	-117.05197449	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1055.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido, California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	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

**B6**  
**NE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS    USGS3127975**

Agency cd:	USGS	Site no:	331625117030502
Site name:	010S002W26R003S	EDR Site id:	USGS3127975
Latitude:	331625	Dec lat:	33.27364606
Longitude:	1170305	Coor meth:	M
Dec lon:	-117.05225227	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec lalong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1055.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
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:	19.0	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:	1967-01-01	Ground water data end date:	1967-01-01
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
1967-01-01	12.00	

**B7**  
**NE**  
 1/4 - 1/2 Mile  
 Lower

**FED USGS      USGS3127974**

Agency cd:	USGS	Site no:	331625117030501
Site name:	010S002W26R002S	EDR Site id:	USGS3127974
Latitude:	331625	Dec lat:	33.27364606
Longitude:	1170305	Coor meth:	M
Dec lon:	-117.05225227	Lattlong datum:	NAD27
Coor accr:	U	District:	06
Dec lattlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1055.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
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:	14.0	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:	1967-01-01	Ground water data end date:	1967-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-01-01	12.00	

**C8**  
**East**  
 1/4 - 1/2 Mile  
 Lower

**CA WELLS      CADW40000001820**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude: -117.0492  
 Latitude: 33.2689  
 Stwellno: 10S02W36D001S  
 Districtco: 3  
 Welluseco: Z  
 Countyco: 37  
 Gwcode: 950399  
 Site id: CADW40000001820

**B9**

**NE**

**1/4 - 1/2 Mile**

**Lower**

**FED USGS**

**USGS3127981**

Agency cd:	USGS	Site no:	331628117030501
Site name:	010S002W26R001S	EDR Site id:	USGS3127981
Latitude:	331628	Dec lat:	33.27447937
Longitude:	1170305	Coor meth:	M
Dec lon:	-117.05225226	Lallog datum:	NAD27
Coor accr:	U	District:	06
Dec lallog datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1050.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	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

**C10**

**East**

**1/4 - 1/2 Mile**

**Lower**

**FED USGS**

**USGS3128129**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	331608117025401
Site name:	010S002W36D001S	EDR Site id:	USGS3128129
Latitude:	331608	Dec lat:	33.26892397
Longitude:	1170254	Coor meth:	M
Dec lon:	-117.04919668	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1095.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Stream channel		
Site type:	Ground-water other than Spring	Date construction:	1965
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:	22.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data 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:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1967-01-01	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1967-01-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-01-01	0.00	

**D11**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS3128075**

Agency cd:	USGS	Site no:	331545117030801
Site name:	010S002W35J003S	EDR Site id:	USGS3128075
Latitude:	331545	Dec lat:	33.26253524
Longitude:	1170308	Coor meth:	M
Dec lon:	-117.05308574	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1240.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	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

**D12**  
**SSE**  
 1/2 - 1 Mile  
 Lower

CA WELLS      CADW40000001749

Longitude:	-117.0525
Latitude:	33.2623
Stwellno:	10S02W35J002S
Districtco:	3
Welluseco:	Z
Countyco:	37
Gwcode:	950399
Site id:	CADW40000001749

**D13**  
**SSE**  
 1/2 - 1 Mile  
 Lower

FED USGS      USGS3128073

Agency cd:	USGS	Site no:	331544117030601
Site name:	010S002W35J002S	EDR Site id:	USGS3128073
Latitude:	331544	Dec lat:	33.26225747
Longitude:	1170306	Coor meth:	M
Dec lon:	-117.05253017	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec lalong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1210.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Hillside (slope)		
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:	158	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 end date: 0000-00-00  
 Ground water data begin date: 1967-01-01  
 Ground water data count: 1

Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1967-01-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-01-01	104.00	

**D14**  
**SSE**  
 1/2 - 1 Mile  
 Lower

**CA WELLS      CADW40000001746**

Longitude: -117.0523  
 Latitude: 33.2617  
 Stwellno: 10S02W35J001S  
 Districtco: 3  
 Welluseco: Z  
 Countyco: 37  
 Gwcode: 950399  
 Site id: CADW40000001746

**D15**  
**SSE**  
 1/2 - 1 Mile  
 Lower

**FED USGS      USGS3128069**

Agency cd:	USGS	Site no:	331542117030501
Site name:	010S002W35J001S	EDR Site id:	USGS3128069
Latitude:	331542	Dec lat:	33.26170193
Longitude:	1170305	Coor meth:	M
Dec lon:	-117.05225239	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec lallong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1190.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Stream channel		
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:	71.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
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: 1967-01-01  
 Ground water data count: 1

Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1967-01-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-01-01	62.00	

**E16**  
**NNE**  
 1/2 - 1 Mile  
 Lower

CA WELLS      CADW40000001890

Longitude: -117.0509  
 Latitude: 33.277  
 Stwellno: 10S02W26J001S  
 Districtco: 3  
 Welluseco: Z  
 Countyco: 37  
 Gwcode: 950399  
 Site id: CADW40000001890

**E17**  
**NE**  
 1/2 - 1 Mile  
 Lower

FED USGS      USGS3128000

Agency cd:	USGS	Site no:	331637117030001
Site name:	010S002W26J001S	EDR Site id:	USGS3128000
Latitude:	331637	Dec lat:	33.27697931
Longitude:	1170300	Coor meth:	M
Dec lon:	-117.05086331	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1060.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido, California. Area = 766 sq.mi.		
Topographic:	Hillside (slope)		
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:	23.0	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 end date: 0000-00-00  
 Ground water data begin date: 1967-01-01  
 Ground water data count: 1

Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1967-01-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-01-01	14.00	

**F18**  
**NNE**  
 1/2 - 1 Mile  
 Lower

CA WELLS CADW40000001903

Longitude: -117.0517  
 Latitude: 33.2795  
 Stwellno: 10S02W26H001S  
 Districtco: 3  
 Welluseco: Z  
 Countyco: 37  
 Gwcode: 950399  
 Site id: CADW40000001903

**G19**  
**ENE**  
 1/2 - 1 Mile  
 Higher

CA WELLS CADW40000001865

Longitude: -117.0448  
 Latitude: 33.2742  
 Stwellno: 10S02W25L002S  
 Districtco: 3  
 Welluseco: Z  
 Countyco: 37  
 Gwcode: 950399  
 Site id: CADW40000001865

**G20**  
**ENE**  
 1/2 - 1 Mile  
 Higher

CA WELLS CADW40000001866

Longitude: -117.0448  
 Latitude: 33.2742  
 Stwellno: 10S02W25L003S  
 Districtco: 3  
 Welluseco: Z  
 Countyco: 37  
 Gwcode: 950399  
 Site id: CADW40000001866

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**F21**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS3128012**

Agency cd:	USGS	Site no:	331646117030301
Site name:	010S002W26H001S	EDR Site id:	USGS3128012
Latitude:	331646	Dec lat:	33.27947924
Longitude:	1170303	Coor meth:	M
Dec lon:	-117.05169664	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1015.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Stream channel		
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:	8.0	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:	1967-01-01	Ground water data end date:	1967-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-01-01	3.00	

**H22**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADW40000001839**

Longitude:	-117.0428
Latitude:	33.2712
Stwellno:	10S02W25P002S
Districtco:	3
Welluseco:	Z
Countyco:	37
Gwcode:	950399
Site id:	CADW40000001839

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**G23**

**ENE**

**1/2 - 1 Mile**

**Higher**

**FED USGS**

**USGS3127980**

Agency cd:	USGS	Site no:	331627117023802
Site name:	010S002W25L003S	EDR Site id:	USGS3127980
Latitude:	331627	Dec lat:	33.27420163
Longitude:	1170238	Coor meth:	M
Dec lon:	-117.04475206	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1430.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Stream channel		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported		
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data 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:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1967-01-01	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1967-01-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-01-01	0.00	

**G24**

**ENE**

**1/2 - 1 Mile**

**Higher**

**FED USGS**

**USGS3127979**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	331627117023801
Site name:	010S002W25L002S	EDR Site id:	USGS3127979
Latitude:	331627	Dec lat:	33.27420163
Longitude:	1170238	Coor meth:	M
Dec lon:	-117.04475206	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1430.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Stream channel		
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:	12.0	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:	1967-01-01	Ground water data end date:	1967-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-01-01	1.00	

**G25**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

CA WELLS

CADW40000001870

Longitude:	-117.0439
Latitude:	33.2748
Stwellno:	10S02W25L001S
Districtco:	3
Welluseco:	Z
Countyco:	37
Gwcode:	950399
Site id:	CADW40000001870

**I26**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

CA WELLS

CADW40000001913

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude: -117.052  
 Latitude: 33.2809  
 Stwellno: 10S02W26H002S  
 Districtco: 3  
 Welluseco: Z  
 Countyco: 37  
 Gwcode: 950399  
 Site id: CADW40000001913

**27**  
**East**  
**1/2 - 1 Mile**  
**Lower**

FED USGS      USGS3128140

Agency cd:	USGS	Site no:	331612117023101
Site name:	010S002W36C001S	EDR Site id:	USGS3128140
Latitude:	331612	Dec lat:	33.27003508
Longitude:	1170231	Coor meth:	M
Dec lon:	-117.04280761	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1185.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Stream channel		
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:	7.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data 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:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	0000-00-00	Water quality data count:	0
Ground water data count:	0	Ground water data end date:	0000-00-00

Ground-water levels, Number of Measurements: 0

**H28**  
**East**  
**1/2 - 1 Mile**  
**Lower**

FED USGS      USGS3127951

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	331616117023101
Site name:	010S002W25P002S		
Latitude:	331616	EDR Site id:	USGS3127951
Longitude:	1170231	Dec lat:	33.27114616
Dec lon:	-117.0428076	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	1495.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Hillside (slope)		
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:	59.0	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:	1967-01-01	Ground water data end date:	1967-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-01-01	33.00	

**H29**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS3127952**

Agency cd:	USGS	Site no:	331616117023102
Site name:	010S002W25P003S		
Latitude:	331616	EDR Site id:	USGS3127952
Longitude:	1170231	Dec lat:	33.27114616
Dec lon:	-117.0428076	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	1495.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19550101
Date inventoried:	Not Reported	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:	70.0	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

**I30  
NNE  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS3128021**

Agency cd:	USGS	Site no:	331651117030401
Site name:	010S002W26H002S	EDR Site id:	USGS3128021
Latitude:	331651	Dec lat:	33.28086809
Longitude:	1170304	Coor meth:	M
Dec lon:	-117.05197441	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1010.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19670101
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:	134	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:	1967-01-01	Ground water data end date:	1967-01-01
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
1967-01-01	39.00	

**J31**  
**ENE**  
 1/2 - 1 Mile  
 Higher

CA WELLS      CADW40000001878

Longitude:            -117.0439  
 Latitude:             33.2759  
 Stwellno:            10S02W25L004S  
 Districtco:           3  
 Welluseco:           Z  
 Countyco:            37  
 Gwcode:              950399  
 Site id:               CADW40000001878

**32**  
**ENE**  
 1/2 - 1 Mile  
 Higher

FED USGS      USGS3127984

Agency cd:	USGS	Site no:	331629117023501
Site name:	010S002W25L001S	EDR Site id:	USGS3127984
Latitude:	331629	Dec lat:	33.27475717
Longitude:	1170235	Coor meth:	M
Dec lon:	-117.0439187	Lattlong datum:	NAD27
Coor accr:	U	District:	06
Dec lattlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1475.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Hillside (slope)		
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:	68.0	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:	1967-01-01	Ground water data end date:	1967-01-01
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
1967-01-01	48.00	

**J33**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS3127988**

Agency cd:	USGS	Site no:	331633117023501
Site name:	010S002W25L004S	EDR Site id:	USGS3127988
Latitude:	331633	Dec lat:	33.27586826
Longitude:	1170235	Coor meth:	M
Dec lon:	-117.04391869	Lallong datum:	NAD27
Coor accr:	U	District:	06
Dec lallong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1480.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Stream channel		
Site type:	Ground-water other than Spring	Date construction:	19370101
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:	17.0	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:	1967-01-01	Ground water data end date:	1967-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-01-01	8.00	

**34**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS3127977**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	331626117022801
Site name:	010S002W25P001S	EDR Site id:	USGS3127977
Latitude:	331626	Dec lat:	33.27392387
Longitude:	1170228	Coor meth:	M
Dec lon:	-117.04197421	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	1465.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Hillside (slope)		
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:	60.0	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		
Peak flow data begin date:	Not Reported		
Peak flow data count:	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 count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**35**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CADW40000001812**

Longitude:	-117.0398
Latitude:	33.2681
Stwellno:	10S02W36B002S
Districtco:	3
Welluseco:	Z
Countyco:	37
Gwcode:	950399
Site id:	CADW40000001812

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

State Database: CA Radon

#### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92082	9	4

Federal EPA Radon Zone for SAN DIEGO County: 3

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

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#### Federal Area Radon Information for SAN DIEGO COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.677 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.400 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

## HYDROLOGIC INFORMATION

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

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

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

### SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

#### California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

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

## OTHER STATE DATABASE INFORMATION

#### California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

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

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

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

### STREET AND ADDRESS INFORMATION

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**Mesa Verde Road**

Mesa Verde Road

Valley Center, CA 92082

Inquiry Number: 3480267.3

December 19, 2012



**Certified Sanborn® Map Report**

# Certified Sanborn® Map Report

12/19/12

**Site Name:**

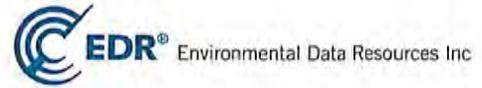
Mesa Verde Road  
Mesa Verde Road  
Valley Center, CA 92082

**Client Name:**

Petra Geotechnical Inc  
3190 Airport Loop Drive  
Costa Mesa, CA 92626-0000

EDR Inquiry # 3480267.3

Contact: Jon Cain



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Petra Geotechnical Inc were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

### Certified Sanborn Results:

**Site Name:** Mesa Verde Road  
**Address:** Mesa Verde Road  
**City, State, Zip:** Valley Center, CA 92082  
**Cross Street:**  
**P.O. #** 368-12  
**Project:** Mesa Verde Road  
**Certification #** 5241-4EFC-B55E



Sanborn® Library search results  
Certification # 5241-4EFC-B55E

### UNMAPPED PROPERTY

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

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

*The Sanborn Library LLC Since 1866™*

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**Mesa Verde Road**

Mesa Verde Road

Valley Center, CA 92082

Inquiry Number: 3480267.4

December 19, 2012

## 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. EDR's 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.

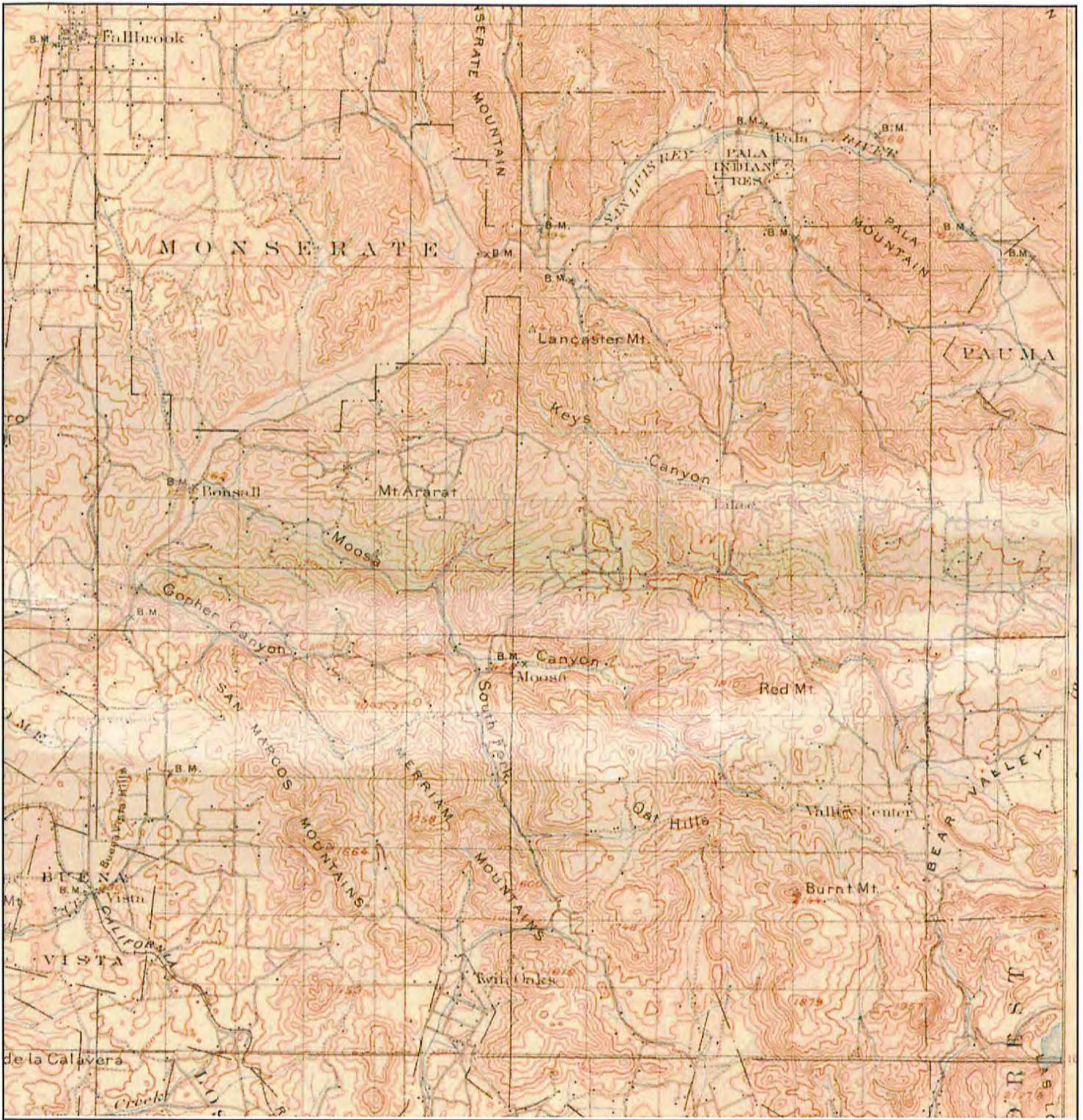
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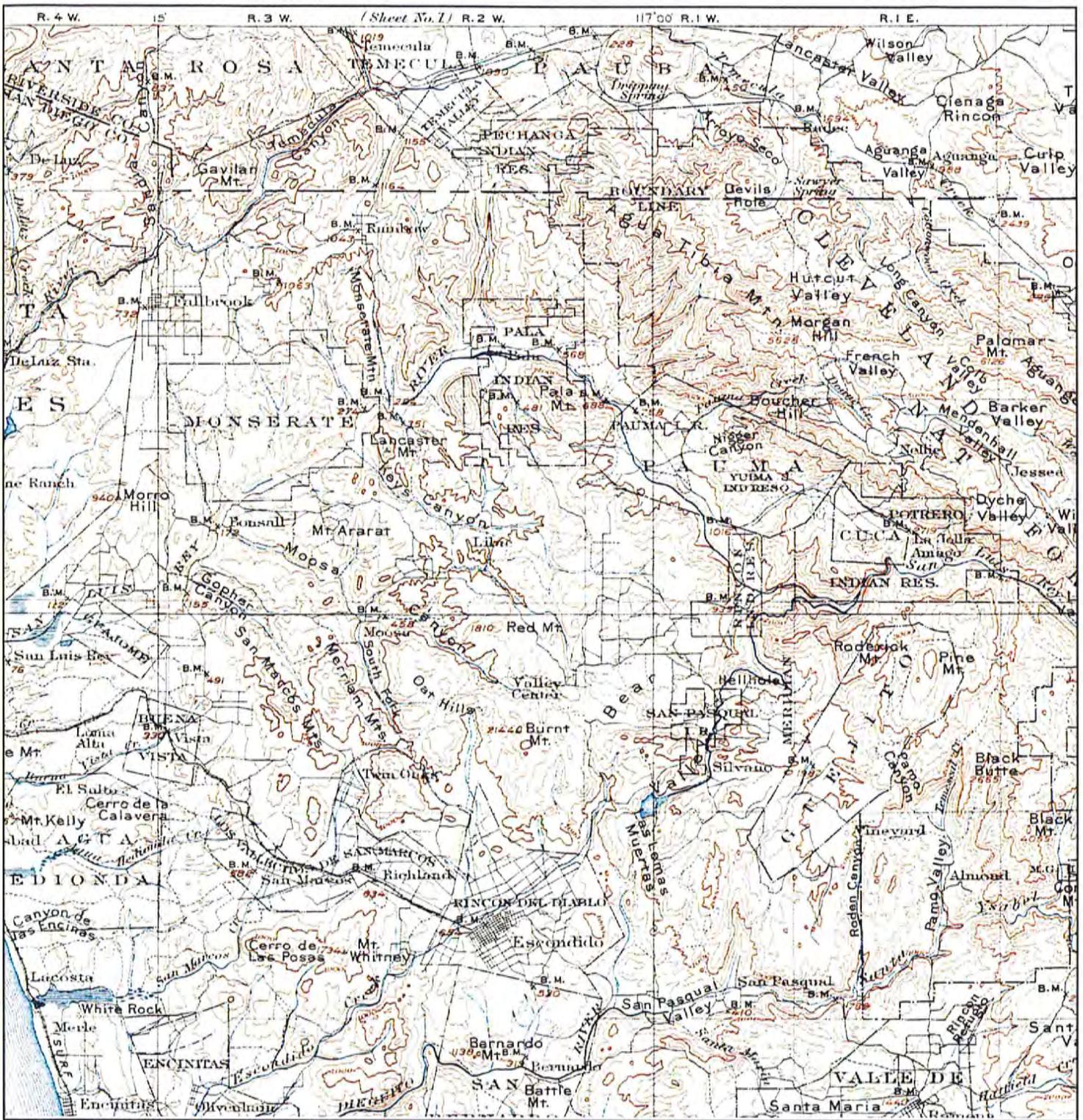
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# Historical Topographic Map



	TARGET QUAD	SITE NAME:	Mesa Verde Road	CLIENT:	Petra Geotechnical Inc
	NAME: SAN LUIS REY	ADDRESS:	Mesa Verde Road	CONTACT:	Jon Cain
	MAP YEAR: 1901	LAT/LONG:	Valley Center, CA 92082	INQUIRY#:	3480267.4
	SERIES: 30			RESEARCH DATE:	12/19/2012
	SCALE: 1:125000				

# Historical Topographic Map



Unsurveyed Area on the Topographic Map

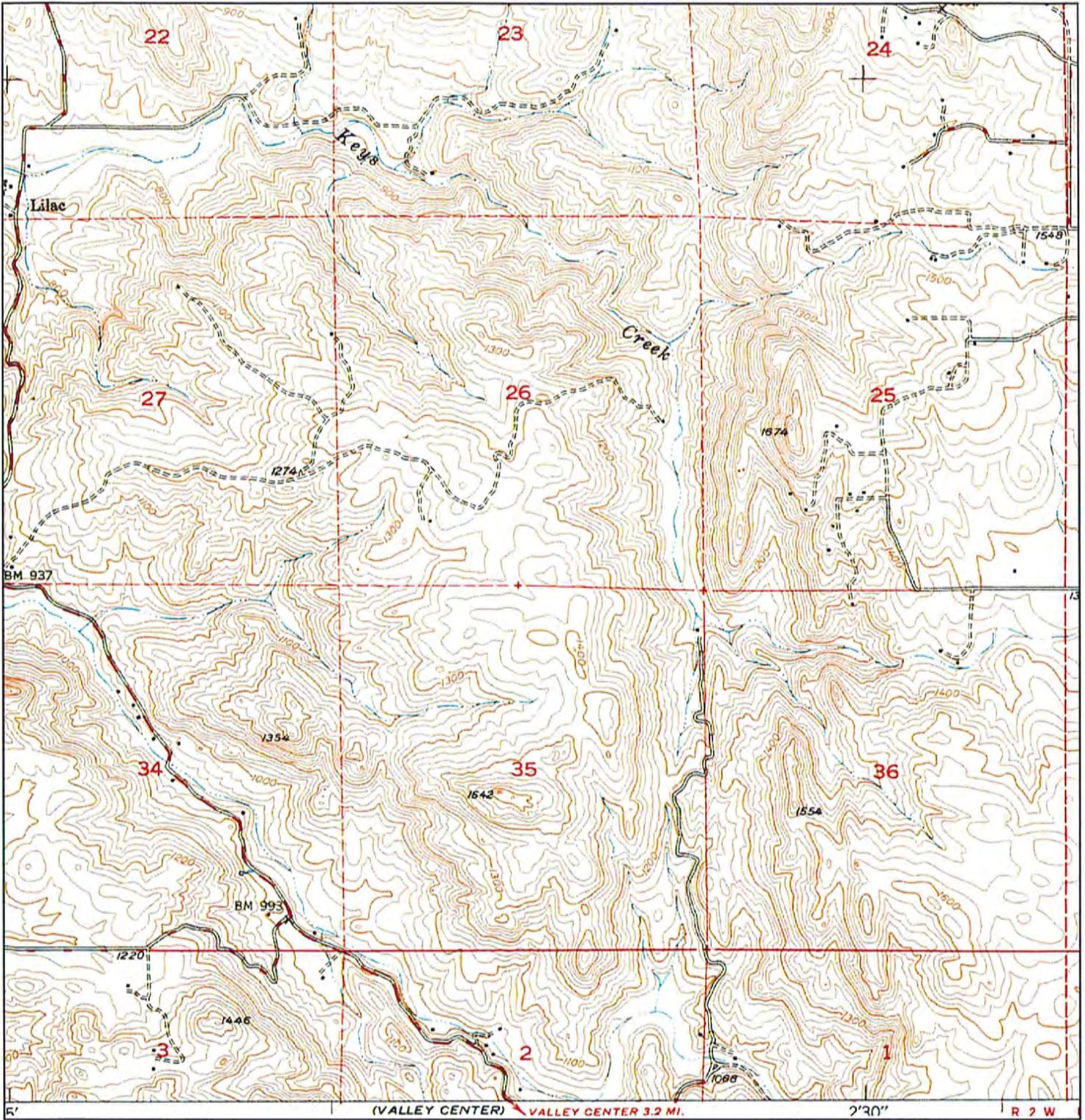
<p>N</p> 	<p>TARGET QUAD</p> <p>NAME: SOUTHERN CA SHEET 2</p> <p>MAP YEAR: 1904</p>	<p>SITE NAME: Mesa Verde Road</p> <p>ADDRESS: Mesa Verde Road Valley Center, CA 92082</p> <p>LAT/LONG: 33.2693 / -117.0574</p>	<p>CLIENT: Petra Geotechnical Inc</p> <p>CONTACT: Jon Cain</p> <p>INQUIRY#: 3480267.4</p> <p>RESEARCH DATE: 12/19/2012</p>
	<p>SERIES: 60</p> <p>SCALE: 1:250000</p>		

# Historical Topographic Map



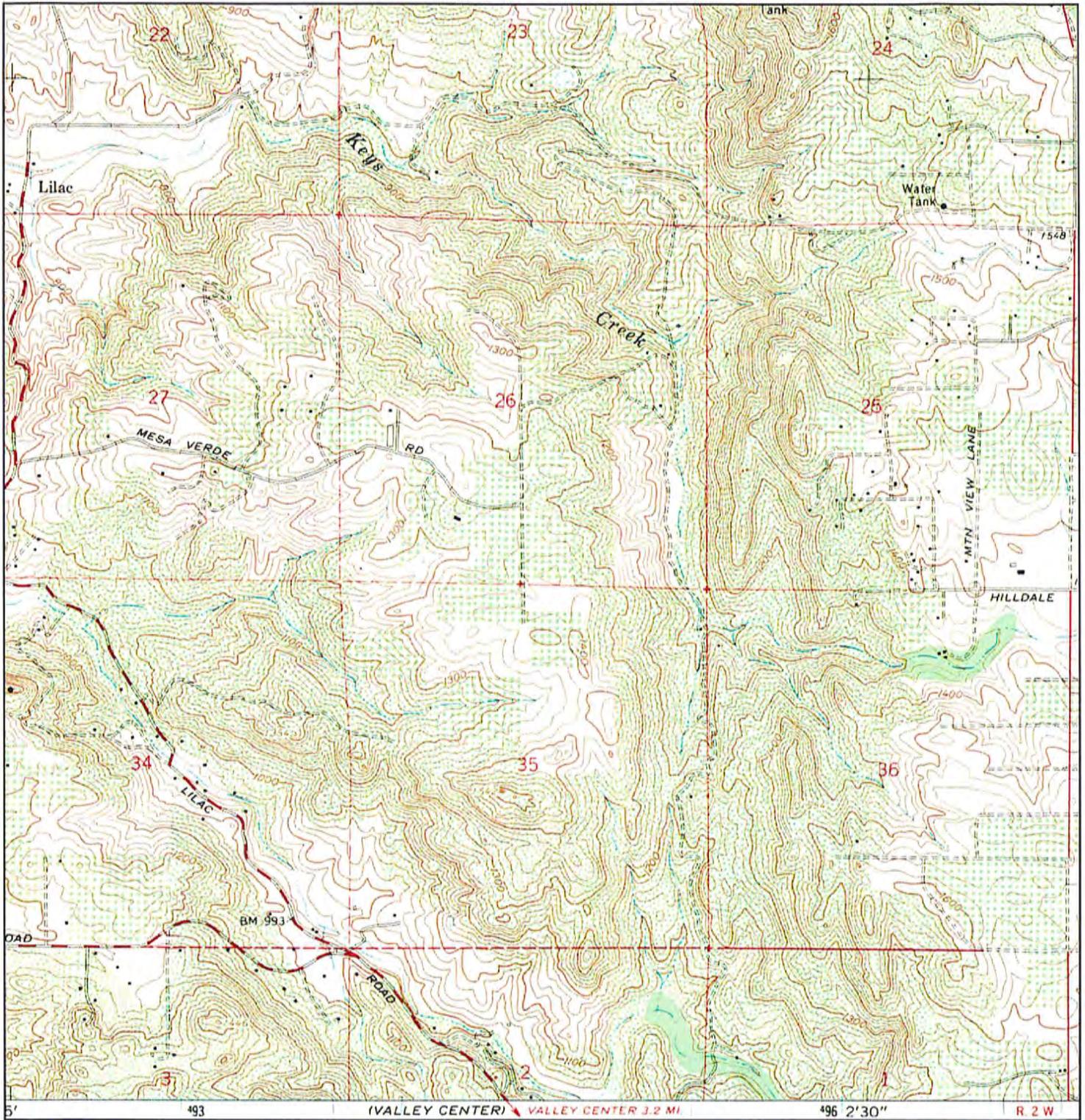
<b>N</b> 	<b>TARGET QUAD</b> NAME: TEMECULA MAP YEAR: 1947	<b>SITE NAME:</b> Mesa Verde Road <b>ADDRESS:</b> Mesa Verde Road Valley Center, CA 92082 <b>LAT/LONG:</b> 33.2693 / -117.0574	<b>CLIENT:</b> Petra Geotechnical Inc <b>CONTACT:</b> Jon Cain <b>INQUIRY#:</b> 3480267.4 <b>RESEARCH DATE:</b> 12/19/2012
	SERIES: 15 SCALE: 1:50000		

# Historical Topographic Map



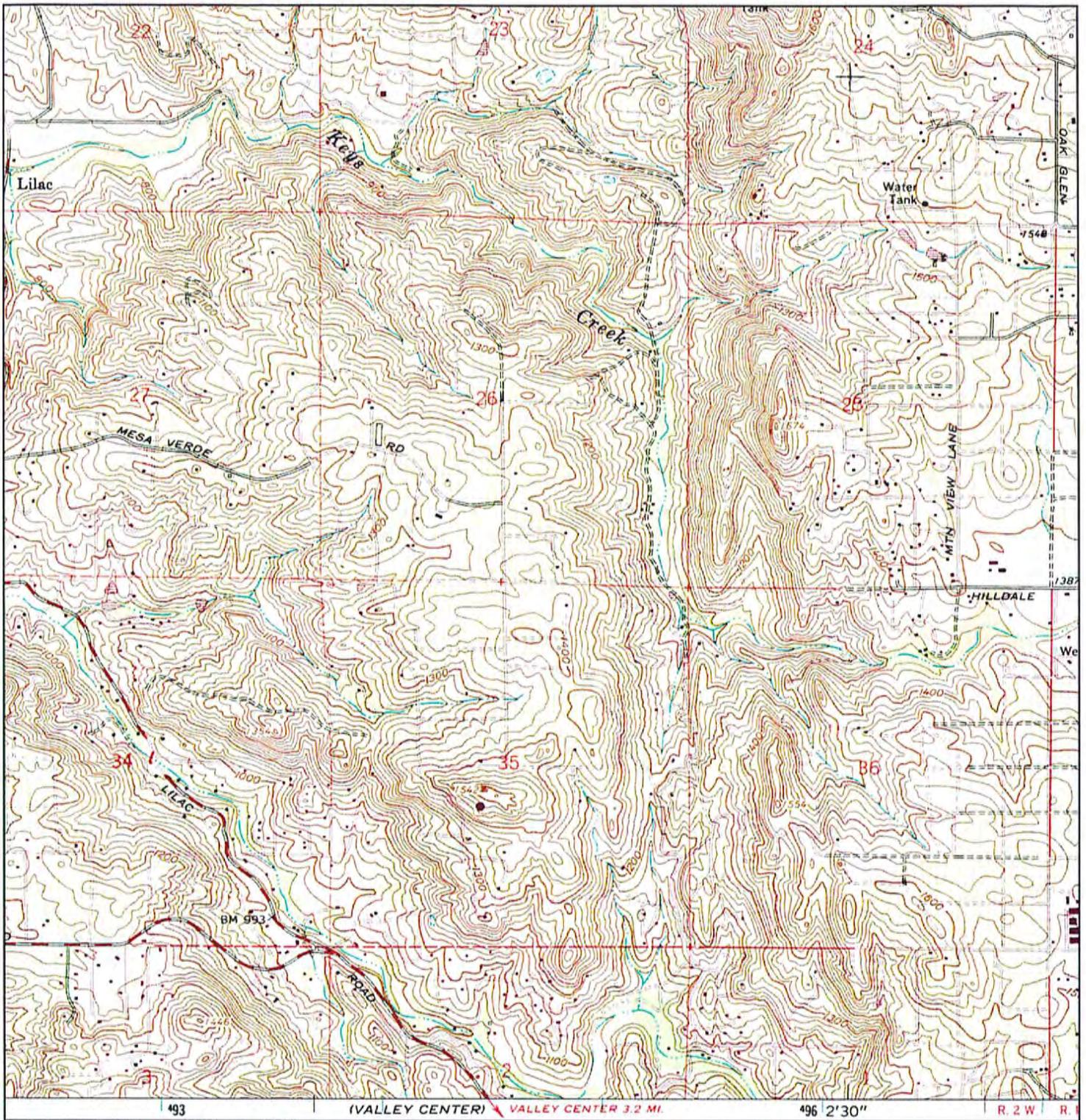
<b>N</b> 	<b>TARGET QUAD</b> NAME: PALA MAP YEAR: 1950	<b>SITE NAME:</b> Mesa Verde Road <b>ADDRESS:</b> Mesa Verde Road Valley Center, CA 92082 <b>LAT/LONG:</b> 33.2693 / -117.0574	<b>CLIENT:</b> Petra Geotechnical Inc <b>CONTACT:</b> Jon Cain <b>INQUIRY#:</b> 3480267.4 <b>RESEARCH DATE:</b> 12/19/2012
	SERIES: 7.5 SCALE: 1:24000		

# Historical Topographic Map



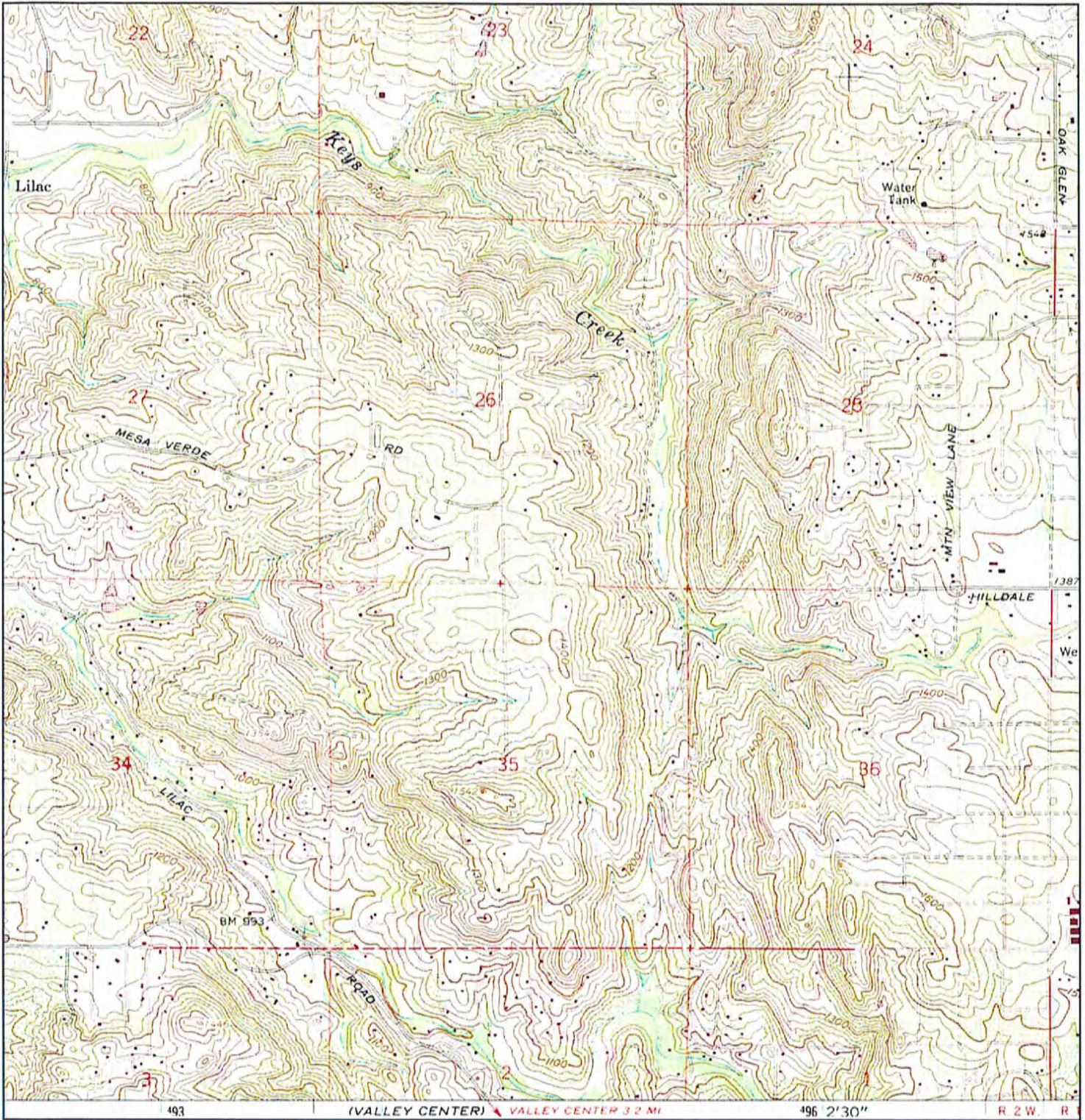
N ↑	TARGET QUAD NAME: PALA MAP YEAR: 1968	SITE NAME: Mesa Verde Road ADDRESS: Mesa Verde Road Valley Center, CA 92082 LAT/LONG: 33.2693 / -117.0574	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3480267.4 RESEARCH DATE: 12/19/2012
	SERIES: 7.5 SCALE: 1:24000		

# Historical Topographic Map



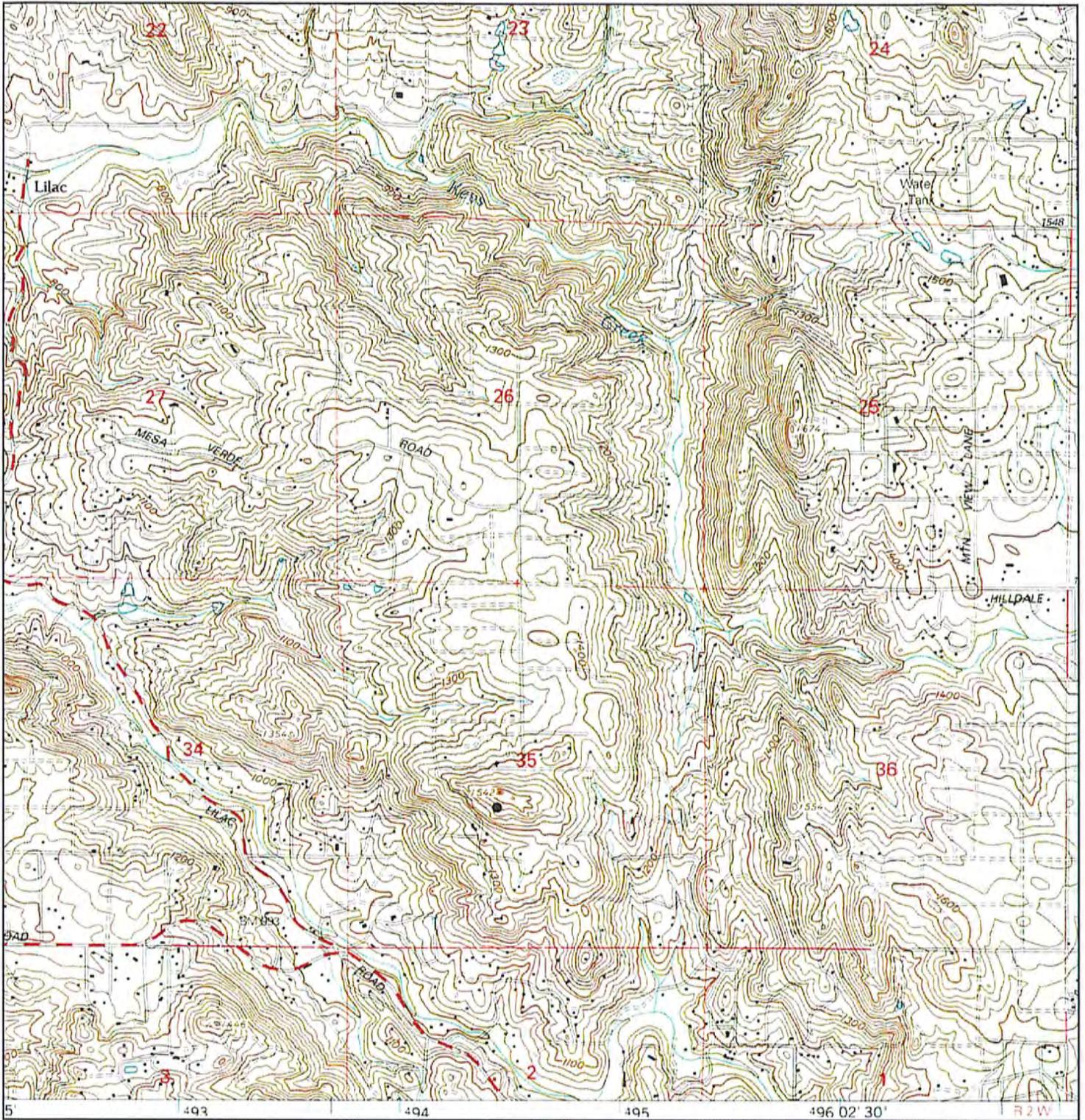
<b>N</b> 	<b>TARGET QUAD</b> NAME: PALA MAP YEAR: 1982 PHOTOREVISED FROM :1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Mesa Verde Road ADDRESS: Mesa Verde Road Valley Center, CA 92082 LAT/LONG: 33.2693 / -117.0574	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3480267.4 RESEARCH DATE: 12/19/2012
	(VALLEY CENTER) VALLEY CENTER 3.2 MI. 496 2'30" R. 2 W. R. 1		

# Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME:	Mesa Verde Road	CLIENT:	Petra Geotechnical Inc
	NAME: PALA	ADDRESS:	Mesa Verde Road	CONTACT:	Jon Cain
	MAP YEAR: 1988		Valley Center, CA 92082	INQUIRY#:	3480267.4
	PHOTOREVISED FROM :1968	LAT/LONG:	33.2693 / -117.0574	RESEARCH DATE:	12/19/2012
	SERIES: 7.5				
	SCALE: 1:24000				

# Historical Topographic Map



<b>N</b> ↑	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Mesa Verde Road	<b>CLIENT:</b> Petra Geotechnical Inc
	<b>NAME:</b> PALA	<b>ADDRESS:</b> Mesa Verde Road	<b>CONTACT:</b> Jon Cain
	<b>MAP YEAR:</b> 1997	Valley Center, CA 92082	<b>INQUIRY#:</b> 3480267.4
		<b>LAT/LONG:</b> 33.2693 / -117.0574	<b>RESEARCH DATE:</b> 12/19/2012
	<b>SERIES:</b> 7.5		
	<b>SCALE:</b> 1:24000		



**Mesa Verde Road**

Mesa Verde Road  
Valley Center, CA 92082

Inquiry Number: 3480267.5

December 26, 2012



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

Aerial Photography December 26, 2012

**Target Property:**

Mesa Verde Road

Valley Center, CA 92082

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1946	Aerial Photograph. Scale: 1"=500'	Flight Year: 1946	Jack Ammann
1953	Aerial Photograph. Scale: 1"=500'	Flight Year: 1953	Park
1963	Aerial Photograph. Scale: 1"=500'	Flight Year: 1963	Cartwright
1980	Aerial Photograph. Scale: 1"=500'	Flight Year: 1980	AMI
1989	Aerial Photograph. Scale: 1"=500'	Flight Year: 1989	USGS
1995	Aerial Photograph. Scale: 1"=500'	/Composite DOQQ - acquisition dates: 1995	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR



INQUIRY #: 3480267.5

YEAR: 1946

| = 500'





INQUIRY #: 3480267.5

YEAR: 1953

| = 500'





INQUIRY #: 3480267.5

YEAR: 1963

| = 500'



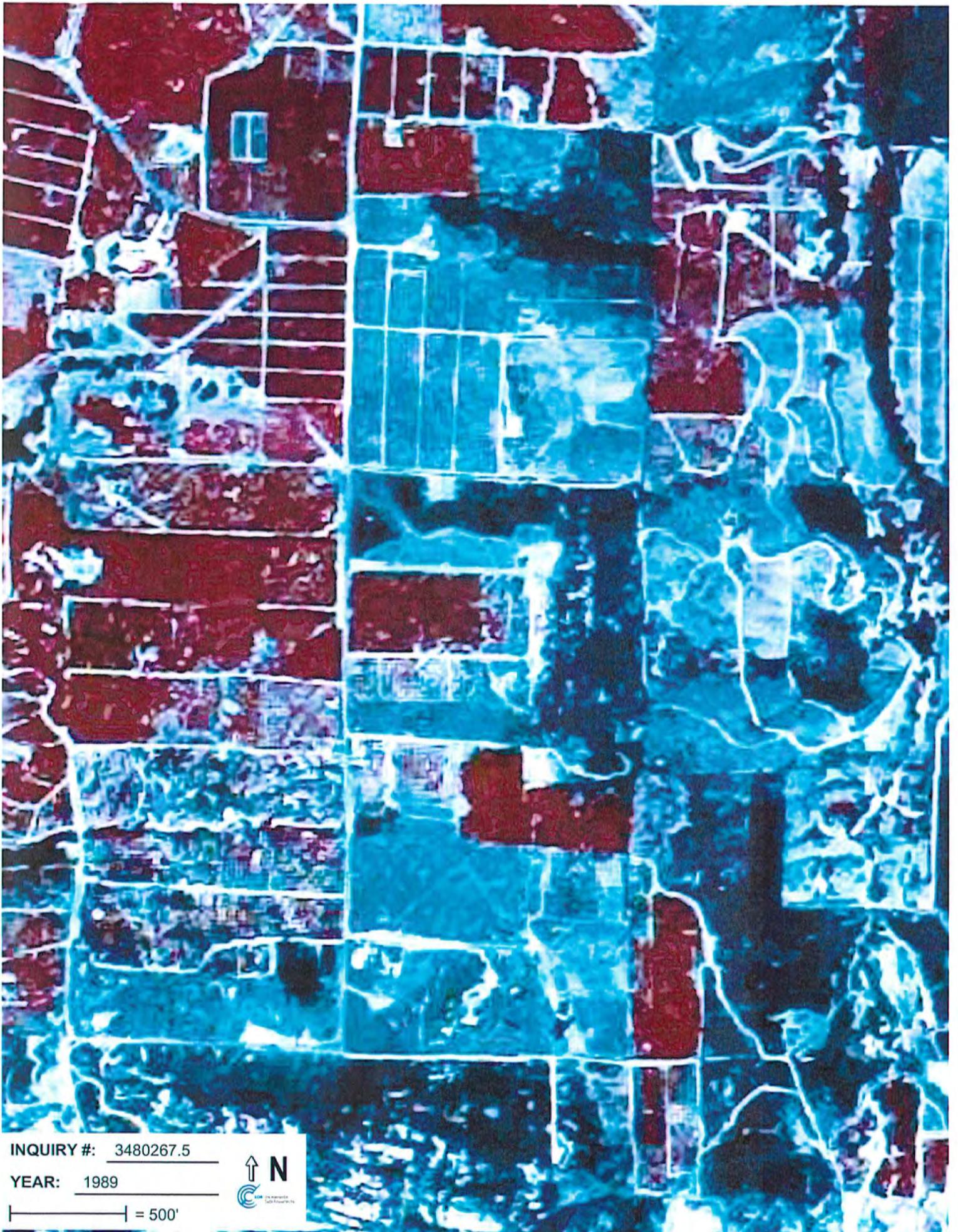


INQUIRY #: 3480267.5

YEAR: 1980

| = 500'





INQUIRY #: 3480267.5

YEAR: 1989

| = 500'





INQUIRY #: 3480267.5

YEAR: 1995

| = 500'





INQUIRY #: 3480267.5

YEAR: 2005

| = 500'



**Mesa Verde Road**  
Mesa Verde Road  
Valley Center, CA 92082

Inquiry Number: 3480267.6  
December 20, 2012

## The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

*Thank you for your business.*  
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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2009	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1990	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1985	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1980	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1976	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1970	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory

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## FINDINGS

### TARGET PROPERTY STREET

Mesa Verde Road  
Valley Center, CA 92082

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
<b><u>Mesa Verde Road</u></b>		
2009	pg A1	Haines Criss-Cross Directory
2009	pg A2	Haines Criss-Cross Directory
2005	pg A3	Haines Criss-Cross Directory
2000	pg A4	Haines Criss-Cross Directory
2000	pg A5	Haines Criss-Cross Directory
1995	pg A6	Haines Criss-Cross Directory
1995	pg A7	Haines Criss-Cross Directory
1990	pg A8	Haines Criss-Cross Directory
1985	pg A9	Haines Criss-Cross Directory
1980	pg A10	Haines Criss-Cross Directory
1976	pg A11	Haines Criss-Cross Directory
1970	pg A12	Haines Criss-Cross Directory

## FINDINGS

### CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<b><u>Mesa Crest Road</u></b>			
2009	pg. A13	Haines Criss-Cross Directory	
2005	pg. A14	Haines Criss-Cross Directory	
2000	pg. A15	Haines Criss-Cross Directory	
2000	pg. A16	Haines Criss-Cross Directory	
1995	pg. A18	Haines Criss-Cross Directory	
1995	pg. A17	Haines Criss-Cross Directory	
1990	pg. A19	Haines Criss-Cross Directory	
1985	pg. A20	Haines Criss-Cross Directory	
1980	pg. A21	Haines Criss-Cross Directory	
1980	pg. A22	Haines Criss-Cross Directory	
1976	-	Haines Criss-Cross Directory	Street not listed in Source
1970	-	Haines Criss-Cross Directory	Street not listed in Source

## **City Directory Images**



-

## Mesa Verde Road

2009

11671	BEST Fred	760-749-8424	
11710	● PINAIRE Susan	760-749-0030	0
11727	BARKER Herbert J	760-749-7932	
	● YAMADA Anthony	OO	1
11807	● DIXON Wanda	760-751-8953	
	DIXON William H	760-749-8245	
11830	★ CHINO FARMING	760-749-9403	6
11961	● KILROY John	OO	4
12003	● KLINE Bruce	760-751-8745	1
	● KLINE Evelyn	760-751-8745	1
12005	PFENNING Betty L	760-749-3091	
12015	● WHITELEY Peter	OO	3
12025	● MARKUSON Barry K	760-749-2301	
12050	XXXX	OO	
12055	● PENN Celeste	760-749-6558	1
12115	XXXX	OO	

X

## LAUREL RIDGE DR

12227	● BRINKLEY Charles C Jr	760-751-2007	5
12245	HERNANDEZ Maria	760-749-8367	4
	ZUNIGA Jesus	760-751-0861	4
	ZUNIGA Reymundo	760-751-9878	4
12260	● GODDARD Peter	OO	4

X

## MANZANITA CREST RD

12331	XXXX	OO	
12409	XXXX	OO	

X

## MESA CREST RD

★ 1 BUS 34 RES 2 NEW

## Mesa Verde Road

2009

# MESA VERDE DR 92082 VALLEY CENTER

WEALTH CODE 5

## X LILAC RD

11528	● FLORES Maria	760-749-7326	6
11540	● HUGGINS N	760-749-5024	3
11555	XXXX	OO	
11562	● DEYOUNG Joseph H	760-749-4548	4
	FRAWLEY James Jr	760-751-1082	+9
11598	XXXX	OO	
11600	DIURO Hannah	760-751-2776	7
11606	XXXX	OO	
11619	● JOHNSON Gary	OO	0
11661	XXXX	OO	
11670	● BEHNEMAN Juliane	OO	+9
	NUNEZ Victor	760-749-1263	4



Mesa Verde Road 2005

**MESA VERDE DR 92082  
VALLEY CENTER**

WEALTH CODE 5

11528	●MARTINEZ-Reston Gloria	OO	4
11540	HUGGINS N	760-749-5024	3
11555	XXXX	OO	
11562	●DEYOUNG Joseph H	760-749-4548	+5
11598	XXXX	OO	
11606	★ COAST CAPITAL FUNDING GROUP	760-749-9112	4
	●GAYLOR Eva	OO	1
11619	●JOHNSON Gary	OO	0
11661	●SMITH Daniel	OO	1
11670	ESTRADA Maria	760-751-5322	4
	●GAMA Brigido	OO	3
	NUNEZ Victor	760-749-1263	4
11671	BEST Fred	760-749-8424	

**X LILAC RD**

11710	●PINAIRE Harold	760-749-0030	0
11727	BARKER Herbert J	760-749-7932	6
	●YAMADA Anthony	OO	1
11807	●DIXON William	760-751-8953 ⊕	1
	DIXON William H	760-749-8245 ⊕	
11830	CHINO Farming	760-749-9403	+5
11961	●KILROY John	OO ⊕	4
12003	●KLINE Bruce	760-751-8745	1
12005	PFENNING G E	760-749-3091	
12015	●WHITELEY Peter	OO	3
12025	●MARKUSON Barry K	760-749-2301	9
12050	XXXX	OO	
12055	●PENN Celeste	760-749-6558	1
12115	●FAIRON Guy	OO	4
12150	XXXX	OO	

**X LAUREL RIDGE DR**

12245	GOMEZ Baudelio	760-751-2063	3
	GOMEZ Jesus	760-749-8614	4
	HERNANDEZ Maria	760-749-8367	+5
	ZUNIGA Reymundo	760-751-9878	4
12260	●RODEN Dana	OO	2

**X MANZANITA CREST  
RD**

12409	CASTRO Leodegario	760-751-0443	4
-------	-------------------	--------------	---

**X MESA CREST RD**

★ 1 BUS 33 RES 3 NEW

Mesa Verde Road

2000

MESA VERDE DR

92082 CONT

12050	● SANDERS Richard Gordon	760-749-1659	
12055	GONZALEZ Marcelino	760-749-4991	+0
12115	● OKOLSKI Anthony	OO	+0
12150	● NICKERL Jeff	760-749-4965	9
12156	XXXX	OO	

X

LAUREL RIDGE DR

12227	XXXX	OO	
12245	WASKOW Jenny M	760-749-1349	+0
12260	● GOSS Greg	760-749-2260	6
12331	XXXX	OO	
12405	XXXX	OO	
12409	XXXX	OO	

★ 1 BUS 36 RES 12 NEW

## Mesa Verde Road

2000

# MESA VERDE DR 92082 VALLEY CENTER

WEALTH CODE 4 9

<b>X LILAC RD</b>			
11528	●GLENN Melissa	00	+0
11540	●SOLBERG Russell	00	+0
11555	XXXX	00	
11598	●TEBO Mary	00	+0
11599	●LARSON Robert	00	9
11619	●JOHNSON Gary	00	+0
11670	●GAMA Brigido	00	9
11671	BEST Fred	760-749-8424	
<b>11710</b>	<b>★LILAC VALLEY</b>	<b>760-749-3712</b>	<b>7</b>
	<b>ORCHARDS</b>		
	PINAIRE Harold	760-749-0030	+0
	PINAIRE Susan	760-749-0030	+0
11727	●BARKER Herbert J	760-749-7932	6
<b>X LARGA VISTA RD</b>			
11807	DIXON Irma Lee	760-749-8245	
	DIXON William H	760-749-8245	
11830	●ILLIG Joseph F	760-749-0638	
	●ILLIG Joseph F	760-749-0552	
	●ILLIG Linda	760-749-9771	
	●ILLIG Mary	760-749-9771	
11961	●FEIEREISEN Teresa	00	+0
12003	●THIBEDEAU John	00	9
12005	PFENNING Betty L	760-749-3091	
	PFENNING G E	760-749-3091	
12015	FENWICK Ceil	760-749-4052	+0
	FENWICK Russ	760-749-4052	+0
	●FENWICK Russell L	760-749-7450	
12025	●MARKUSON Barry K	760-749-2301	9

NOT BE KEYPUNCHED. ENTERED INTO A COMPU

## Mesa Verde Road

1995

# MESA VERDE DR 92082 VALLEY CENTER

## WEALTH CODE 7.0

11528	● LEIMER John	00	+5
11540	● ALEXANDER Harold	00	+5
11555	XXXX	00	
11598	TEBO Wilbur J	751-1907	2
11599	● LARSON Robert	00	+5
11619	XXXX	00	
11670	XXXX	00	
11671	BEST Fred	749-8424	0
11710	BEHNEMAN John	749-0030	
	BEHNEMAN John	749-1695	0
11727	● DERMAN Irwin	749-0449	
11807	DIXON Irma Lee	749-8245	
	● DIXON William H	749-8245	
11830	ILLIG Joseph F	749-0638	
	ILLIG Joseph F	749-0552	8

NEVER EXCEPT AS AUTHORIZED IN WRITING BY

## Mesa Verde Road

1995

Target Street	Cross Street	Source
✓	-	
MESA VERDE DR	92082 CONT..	
	ILLIG Linda	749-9771
	ILLIG Mary	749-9771
11961	XXXX	00
12003	THIBEDEAU J F Tib	749-7735 3
12005	PFENNING Betty L	749-3091
	PFENNING G E	749-3091
12015	FENWICK Cell	749-7450
	FENWICK Russ	749-7450
12025	NOVINSHOAR R	749-0126 +5
12050	SANDERS Richard G	749-1659
12055	XXXX	00
12115	● HAHN Paul A	749-0847 0
12150	ADSIT Anita	749-1785
12156	XXXX	00
12227	SARTWELL C L	749-8879 9
12245	FERNANDEZ M T	634-0282 +5
12260	XXXX	00
12331	XXXX	00
12405	XXXX	00
12409	GODETT C	749-7781 3
12415	XXXX	00
12582	XXXX	00
★	0 BUS	37 RES 5 NEW

## Mesa Verde Road

1990

# MESA VERDE DR 92082 VALLEY CENTER

11528	LEIMER John M	749-5336	8
11540	ALEXANDER H S	749-8775	
	ALEXANDER Karen	749-8775	
11555	XXXX	00	
11619	PINKHAM Milton B	749-1383	9
11670	THOMAS Jerry	749-7162	+0
	THOMAS R L	749-8309	
11671	BEST Fred	749-8424	+0
11710	BEHNEMAN John	749-0030	
	BEHNEMAN John	749-1695	+0
11727	DERMAN Irwin	749-0449	3
11807	DIXON Irma Lee	749-8245	8
	DIXON William H	749-8245	
	DRABECK Kathleen	749-4557	+0
	DRABECK Michael	749-4557	+0
11830	ILLIG Alvin A	749-8510	
	ILLIG David J	749-8510	
	ILLIG Jos F	749-0638	
	ILLIG Joseph F	749-0552	8
	ILLIG Linda	749-9771	
	ILLIG Mary	749-9771	
11961	XXXX	00	
12005	PFENNING Betty L	749-3091	
	PFENNING G E	749-3091	
12015	FENWICK Ceil	749-7450	9
	FENWICK Russ	749-7450	
12025	RIDDLE Barbara	749-0126	
	RIDDLE Jere	749-0126	
12050	SANDERS Richard G	749-1659	
12055	XXXX	00	
12115	HAHN Paul A	749-0847	+0
	WHEELER Helen	749-0936	
12150	ADSIT Anita	749-1766	
12156	XXXX	00	
12227	SARTWELL C L	749-6679	9
12245	XXXX	00	
12260	XXXX	00	
12331	XXXX	00	
12405	ARAUZA Juan	749-3599	2
12415	XXXX	00	
12582	PALIZBAN John	749-0978	8
	PALIZBAN John	749-3427	+0
	★ O BUS	42 RES	7 NEW



-

## Mesa Verde Road

1985

# MESA VERDE DR 92082 VALLEY CENTER

11540	ALEXANDER H S	749-8775	3
11555	XXXX	00	
11619	PINKHAM MILTON B	749-1383	1
11670	MCGHEE A C	749-9067	4
	UDALL WENDELL G	749-8862	2
11710	BEHNEMAN JOHN	749-0030	9
11727	DERMAN IRWIN	749-0449	3
11807	ENSOR CHAS	749-9571	0
11830	ILLIG ALVIN A	749-8510	
	ILLIG DAVID J	749-8510	3
	ILLIG JOS F	749-0638	6
	ILLIG MARY	749-9771	1
11961	RAMIREZ RAUL	749-9778	4
12015	HAFFENER GLEN L	749-3478	9
12025	RIDDLE JERE	749-0126	0
12050	SANDERS RICHARD G	749-1659	6
12055	MORGAN DAVID	749-2409	2
12115	WHEELER NORMAN	749-0936	2
12150	ADSIT ANITA	749-1785	8
	PRODUCTION GRV SYS	749-2426	2
12156	XXXX	00	
12245	XXXX	00	
12260	PILCHMAN L D	749-1988	1
12331	CAUFIELD GREG	749-9051	4
12405	ARAUZA JUAN	749-3599	2
12415	XXXX	00	
12535	XXXX	00	
12582	PALIZBAN JOHN	749-0978	4
★	1 BUS	27 RES	0 NEW

## Mesa Verde Road

1980

# MESA VERDE DR 92082 VALLEY CENTER

11555	GLENWINKEL WM M	749-0758	8
11670	BARTOLO LAWRENCE	749-3028	9
11710	BEHNEMAN JOHN	749-0030	9
11807	ENSOR CHAS	749-0265	+0
	RICE ROBT E	749-0265	9
11830	ILLIG JAS	749-1370	+0
	ILLIG JOS F	749-0638	6
11961	DERMAN IRWIN	749-0449	6
12015	HAFFENER GLEN L	749-3478	9
12025	RIDDLE JERE	749-0126	+0
12050	SANDERS RICHARD G	749-1659	6
12150	ADSIT ANITA	749-1785	8
12156	XXXX	00	
12245	XXXX	00	
12415	JOHNSON ROBT P	749-1681	6
12535	XXXX	00	
NO #	KOENIG LOWELL	749-0978	6
NO #	PILCHMAN L D	749-1988	8
★	0 BUS	18 RES	3 NEW

Mesa Verde Road

1976

MESA VERDE DR 92082 VALLEY CNTR

11830	ILLIG JOS F	749-0638+6
11961	DERMAN IRWIN	749-0449+6
12015	WESCOMBE THOS J	749-1855+6
12050	STONE PHILIP C	749-1659+6
12156	TATE ROBT	749-0093 4
12245	BEHNEMAN JOHN	749-0030+6
12415	JOHNSON ROBT P	749-1681+6
NO #	GENZONE ANTHONY J	749-0581+6
NO #	GLENWINKEL WM M	749-0758 4
NO #	KDENIG LOWELL	749-0978+6
NO #	MOORE WM L	749-1485 4
NO #	SOTO GONZALO R	749-1338 4
NO #	VERA ANTONIO	749-1409+6
*	0 BUS 13 RES	9 NEW

Mesa Verde Road

1970

MESA VERDE DR 92082 VALLEY CNTR

NO #	BRODIE BILL	747-0721
NO #	JOHNSON ROBT P	745-2628
NO #	KENNEDY WM G	746-6290
NO #	MOORE WM L	745-5898
NO #	RICE ROBT E	746-1031
* 0	BUS	5 RES
		0 NEW

## Mesa Crest Road

2009

# MESA CREST RD 92082 VALLEY CENTER

WEALTH CODE 5

## X COUNTRY RD

30413 ● ALLINSON Ronnie OO 4

## X ARBOLEDA VISTA DR

30474 ● BURRIS Kenneth OO +9

30505 ● CASTEEL Carlos OO 6

30530 BIERLE Arthur M 760-749-2182

30532 XXXX OO

30636 ● GHOSH Tuhin 760-749-2838 0

30696 XXXX OO

30718 XXXX OO

30745 LAVINE Steve 760-749-9599 7

30765 ESTEBAN Ana 760-751-2525 +9

SCHARER Diane 760-749-2080

★ STARGAZER TRAVEL 760-749-4445

30811 XXXX OO

30819 GARCIA Jose 760-749-6793 5

SCHANNER Peter 760-749-9376

30855 ● TRESCH John OO 4

## X MESA VERDE DR

30933 ♣ ★ CUT BACK RANCH 760-751-1849 +9

30959 FRANCISCO 760-749-3613 4

Candelaria

FRANCISCO Petrona 760-749-8796 4

SANCHEZ Ramirez 760-749-3473 +9

Salvador

TOMAS Pascual 760-749-1757 7

30969 TAMATZ Laura 760-751-3441 +9

31070 XXXX OO

31078 XXXX OO

31086 SANCHEZ Jose 760-751-3436 7

★ 2 BUS 23 RES 5 NEW

Mesa Crest Road

2005

# MESA CREST RD 92082 VALLEY CENTER

WEALTH CODE 5

X		COUNTRY RD	
30413	● ALLINSON R	760-749-9153	+5
X		ARBOLEDA VISTA DR	
30474	● CUMMINGS Warren	760-751-2268	1
30505	● KONOUTEK Kelly	OO	4
30530	BIERLE Arthur M	760-749-2182	
30532	XXXX	OO	
30636	● GHOSH Tuhin	760-749-2838	0
30696	XXXX	OO	
30745	XXXX	OO	
30765	LUCAS Juan Basilio Juan	760-751-4348	4
	MOORES Diane	760-749-2080	
	★ STARGAZER TRAVEL	760-749-4445	6
	TOMAS E	760-749-2977	4
30811	CASTILLO Juan	760-749-8714	3
30819	SCHANNER Peter	760-749-9376	
30855	● TRESCH John A	760-749-4376	6
X		MESA VERDE DR	
30959	FRANCISCO Petrona	760-749-8796	+5
	ZACHARIAS Vistor	760-751-3093	+5
30969	PREFECT Touch	760-749-2338	+5
	Detailing S		
31078	XXXX	OO	
	★ 1 BUS	18 RES	4 NEW

Mesa Crest Road

2000

# MESA CREST RD 92082 VALLEY CENTER

WEALTH CODE 5 0

30413	● DAY Steve	760-749-0351	2
30426	XXXX	OO	
30530	BIERLE Arthur M	760-749-2182	
30532	● BLAND W	760-749-3464	+0

## Mesa Crest Road

2000

MESA CREST RD		92082 CONT.	
30636	● GHOSH Tuhin	760-749-2838	+0
30696	● BERNEBERG Steven	OO	9
	★ Z C&H DYNAMIC SYSTEM INC	760-749-9660	+0
30745	● LAVINE Thos	760-749-0936	1
30765	GASPAR Esteban Tomas	760-749-3154	+0
	MOORES Brent	760-749-4745	
	MOORES Diane	760-749-2080	
	MOORES Diane	760-749-1322	+0
	MOORES Sean	760-749-4745	
	● NO 1 DISH SATELLITE	760-749-4445	6
30811	PALIZBAN Jahanshah	760-751-0873	7
	PALIZBAN John	760-749-2135	+0
30819	● SCHANNER Peter	760-749-9376	3
30855	● TRESCH John A	760-749-4376	6
30950	● CARMICHAEL Douglas	OO	+0
30959	● PALIZBAN Jahan	OO	+0
30963	XXXX	OO	
30969	● VONDERKUHLEN F	OO	+0
	★ 2 BUS	20 RES	9 NEW

## Mesa Crest Road

1995

# MESA CREST RD 92082 VALLEY CENTER

WEALTH CODE 5 0

30413	DAY Steve	749-0351	2
30426	XXXX	00	
30530	BIERLE Arthur M	749-2182	
30636	XXXX	00	
30745	LAVINE Thos	749-0936	1
30765	MOORES Brent	749-4745	
	MOORES Diane	749-2080	
	MOORES Sean	749-4745	
30811	CASTILLO Pedro	749-4250	+5
30819	SCHANNER Peter	749-9376	3

Target Street

Cross Street

Source

Haines Criss-Cross Directory

Mesa Crest Road

1995

<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
MESA CREST RD		92082 CONT..
30855	XXXX	00
30963	XXXX	00
30969	XXXX	00
★	0 BUS	13 RES
		1 NEW

## Mesa Crest Road

1990

# MESA CREST RD 92082 VALLEY CENTER

30426	XXXX	00	
30530	BIERLE Arthur M	749-2182	
30636	XXXX	00	
30745	GENZONE Anthony J	749-0581	
	TAVALIN Jose	749-1076	
30765	MOORES Diane	749-2080	
30811	XXXX	00	
30819	BROWN Bruce B	749-0832	
30855	XXXX	00	
30963	XXXX	00	
30969	SCHANNER Peter	749-9376	5
★	0 BUS	11 RES	0 NEW

Mesa Crest Road

1985

# MESA CREST RD 92082 VALLEY CENTER

30426	DAVIS TERRENCE J	749-2820	0
30530	BIERLE ARTHUR M	749-2182	9
30636	BOWEN FRANCIS	749-2052	9
30745	GENZONE ANTHONY J	749-0581	9
	TAVALIN JOSE	749-1076	9
30765	MOORES ROBT	749-2080	9
30811	BONNETT DAVID MRS	749-2868	1
30819	BROWN BRUCE B	749-0832	9
30855	CLAY JOSEPH	749-8849	3
30963	KRIST WM A	749-3261	+5
30969	SCHANNER PETER	749-9376	+5
★	0 BUS	11 RES	2 NEW

Mesa Crest Road

1980

**MESA CREST RD 92082  
VALLEY CENTER**

30426	DAVIS TERRENCE J	749-2820 +0
30530	BIERLE ARTHUR M	749-2182 9
30636	BOWEN FRANCIS	749-2052 9

**Mesa Crest Road**

**1980**

<b>MESA CREST RD</b>		<b>92082 CONT.</b>	
<b>30745</b>	<b>GENZONE ANTHONY J</b>	<b>749-0581</b>	<b>9</b>
	<b>TAVALIN JOSE</b>	<b>749-1076</b>	<b>9</b>
<b>30765</b>	<b>MOORES ROBT</b>	<b>749-2080</b>	<b>9</b>
<b>30819</b>	<b>BROWN BRUCE B</b>	<b>749-0832</b>	<b>9</b>
	<b>★ 0 BUS</b>	<b>7 RES</b>	<b>1 NEW</b>

**Mesa Verde Road**

Mesa Verde Road  
Valley Center, CA 92082

Inquiry Number: 3480267.7  
December 21, 2012

## EDR Environmental Lien and AUL Search

Environmental Data Resources Inc

440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## 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

Mesa Verde Road  
Mesa Verde Road  
Valley Center, CA 92082

#### RESEARCH SOURCE

##### Source 1:

San Diego county recorder  
San Diego, CA

#### PROPERTY INFORMATION

##### Deed 1:

Type of Deed:	Deed
Title is vested in:	Carolyn G. Loyd & Christine Louise Granger
Title received from:	Clayton A. Granger
Deed Dated	11/21/2011
Deed Recorded:	11/30/2011
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:	Carolyn G. Loyd & Christine Louise Granger
Parcel # / Property Identifier:	129-162-07-00
Comments:	see exhibit

#### ENVIRONMENTAL LIEN

Environmental Lien: Found  Not Found

#### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found  Not Found

## **Deed Exhibit 1**



20338

4. CLAYTON A. GRANGER, also known as CLAYTON ALFRED GRANGER, died on October 27, 2011, in Los Angeles County, California, as evidenced by a certified copy of his death certificate which is attached hereto and incorporated herein by reference.

5. CAROLYN G. LOYD and CHRISTINE L. GRANGER are filing this affidavit with the San Diego County Recorder's office to establish their succession as Co-Trustees pursuant to the aforesaid Declaration of Trust and to enable them to administer and distribute real estate pursuant to the terms of such Trust, and to further enable them to transact all business concerning personal property in said Trust.

6. The Trust Estate includes an interest in certain real property located in San Diego County, and transferred by Individual Quitclaim Deed dated September 26, 1996, from CLAYTON A. GRANGER, a widower, to The Clayton A. Granger Trust, recorded on September 27, 1996, as document number 1996-0492413, Assessor's Parcel Number 129-162-07, which is more fully described as follows:

Parcel I The North 1260.16 Feet measured along the West line of the West Half of the Northeast Quarter of Section 35, Township 10 South Range 2 West San Bernardino Base Meridian in the County of San Diego, State of California, according to United States Government Survey.

20339

Reserving therefrom an easement and right of way for ingress and egress and road and public utility purposes over, along and across the Westerly 30.00 Feet, together with the right to grant said easement to others.

And Parcels 2 & 3 as described on Document No. 112943, recorded in Book 7165 page 594 in the County of San Diego, California.

7. The Trust Estate includes an interest in certain real property located in San Diego County, and transferred by Individual Quitclaim Deed dated September 26, 1996, from CLAYTON A. GRANGER, a widower, to The Clayton A. Granger Trust, recorded on September 27, 1996, as document number 1996-0492414, Assessor's Parcel Numbers 200-90-43 & 200-90-44, which is more fully described as follows:

Parcel I The south half of the Northeast Quarter of the Northwest Quarter of the southwest Quarter of Section 23 Township 11 South Range 6 East San Bernardino Base Meridian in San Diego County Excepting therefrom the West 495 feet.

Parcel II The East 165 feet of the West 495 feet of the south half of the Northeast Quarter of the Northwest Quarter of the Southwest Quarter of Section 23 Township 11 South Range 6 East San Bernardino Base Meridian in the County of San Diego State of California, accord to United States Government Survey approved December 20, 1856.



# STATE OF CALIFORNIA CERTIFICATION OF VITAL RECORD

## COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC HEALTH

20341

3052011194169

CERTIFICATE OF DEATH

3201119044060

1 NAME OF DECEASED - FIRST (Given) <b>CLAYTON</b>		2 MIDDLE <b>ALFRED</b>		3 LAST (Family) <b>GRANGER</b>	
4A. ALSO KNOWN AS - include full name (First, Middle, Last) -					
5 DATE OF BIRTH (month/year) <b>04/20/1922</b>		6 AGE Yrs. <b>89</b>		7 SEX <b>M</b>	
8 BIRTH STATE/PROVINCE/COUNTRY <b>PA</b>		9 SOCIAL SECURITY NUMBER <b>018-10-2682</b>		10 MARITAL STATUS (at time of death) <b>WIDOWED</b>	
11 EDUCATION - highest level completed <b>HS GRADUATE</b>		12 OCCUPATION (at time of death) <b>PRODUCT SUPPORT</b>		13 RACE <b>CAUCASIAN</b>	
14 USUAL OCCUPATION - Type of work for most of life. DO NOT USE RETIRED		15 KIND OF BUSINESS OR INDUSTRY (e.g., grocery store, food distribution, employment agency, etc.) <b>AVIATION</b>		16 YEARS IN OCCUPATION <b>30</b>	
17 DECEASED'S RESIDENCE (Street and number, or PO Box) <b>2653 STUDEBAKER RD</b>					
18 CITY <b>LONG BEACH</b>		19 COUNTY/PROVINCE <b>LOS ANGELES</b>		20 STATE/PROVINCE/COUNTRY <b>CA</b>	
21 INFORMANT'S NAME, RELATIONSHIP <b>CAROLYN G. LOYD, DAUGHTER</b>		22 INFORMANT'S MAILING ADDRESS (Street and number, or PO Box, care of, etc.) <b>24661 ASHLAND DR., LAGUNA HILLS, CA 92653</b>			
23 NAME OF SPOUSE (First, Middle, Last) <b>ALFRED</b>		24 MIDDLE <b>ALFRED</b>		25 LAST BIRTH NAME <b>GRANGER</b>	
26 NAME OF MOTHER (First, Middle, Last) <b>MARY</b>		27 MIDDLE <b>MARY</b>		28 LAST BIRTH NAME <b>CLAYTON</b>	
29 DATE OF DEATH <b>11/02/2011</b>		30 PLACE OF FINAL DEPOSITION <b>GOOD SHEPHERD CEMETERY 8301 TALBERT AVE, HUNTINGTON BEACH, CA 92646</b>			
31 TYPE OF DEPOSITION <b>CR/BU</b>		32 SIGNATURE OF REGISTRAR <b>NOT EMBALMED</b>		33 LICENSE NUMBER <b>-</b>	
34 NAME OF FUNERAL ESTABLISHMENT <b>LUYBEN FAMILY DILDAY-MOTTELL</b>		35 LICENSE NUMBER <b>FD1171</b>		36 SIGNATURE OF LOCAL REGISTRAR <b>JONATHAN FIELDING, MD</b>	
37 DATE <b>11/01/2011</b>					
38 PLACE OF DEATH <b>VA GREATER-LA HEALTHCARE SYSTEM LOS ANGELES 11301 WILSHIRE BLVD.</b>					
39 CAUSE OF DEATH <b>CARDIAC ARREST CONGESTIVE HEART FAILURE AORTIC STENOSIS</b>					
40 SIGNATURE AND TITLE OF CERTIFIER <b>RAJ KUMAR BATRA M.D.</b>					
41 DATE <b>10/24/2011</b>					
42 PLACE OF INJURY (if any, include street name, road, etc.)					
43 DESCRIBE HOW INJURY OCCURRED (include what resulted in injury)					
44 LOCATION OF INJURY (Street and number, or location, and city, and state)					
45 SIGNATURE OF CORONER / DEPUTY CORONER					
46 DATE					
47 TYPE NAME, TITLE OF CORONER / DEPUTY CORONER					
48 STATE REGISTER					



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 Fielding MD*  
DATE ISSUED 4 2011  
Director of Public Health and Registrar



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

ANY ALTERATION OR ERASURE VOIDS THIS CERTIFICATE

**Mesa Verde Road**

Mesa Verde Road  
Valley Center, CA 92082

Inquiry Number: 3480267.11  
December 19, 2012

# EDR Building Permit Report

Target Property and Adjoining Properties



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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*Thank you for your business.*

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

### **Disclaimer - Copyright and Trademark Notice**

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# EDR BUILDING PERMIT REPORT

## About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting 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.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

## ASTM and EPA Requirements

ASTM E 1527-05 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records – The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquiries (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

## Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.



## EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Petra Geotechnical Inc on Dec 19, 2012.

### TARGET PROPERTY

Mesa Verde Road  
Valley Center, CA 92082

### SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

### RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

### San Diego County

<u>Year</u>	<u>Source</u>	<u>IP</u>	<u>Adjoining</u>
2012	San Diego County, Development Services		
2011	San Diego County, Development Services		
2010	San Diego County, Development Services		
2009	San Diego County, Development Services		
2008	San Diego County, Development Services		
2007	San Diego County, Development Services		
2006	San Diego County, Development Services		
2005	San Diego County, Development Services		
2004	San Diego County, Development Services		
2003	San Diego County, Development Services		X
2002	San Diego County, Development Services		
2001	San Diego County, Development Services		
2000	San Diego County, Development Services		
1999	San Diego County, Development Services		
1998	San Diego County, Development Services		
1997	San Diego County, Development Services		
1996	San Diego County, Development Services		
1995	San Diego County, Development Services		
1994	San Diego County, Development Services		
1993	San Diego County, Development Services		
1992	San Diego County, Development Services		
1991	San Diego County, Development Services		
1990	San Diego County, Development Services		
1989	San Diego County, Development Services		
1988	San Diego County, Development Services		
1987	San Diego County, Development Services		
1986	San Diego County, Development Services		
1985	San Diego County, Development Services		

## EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

<u>Year</u>	<u>Source</u>	<u>IP</u>	<u>Adjoining</u>
1984	San Diego County, Development Services		
1983	San Diego County, Development Services		
1982	San Diego County, Development Services		
1981	San Diego County, Development Services		
1980	San Diego County, Development Services		
1979	San Diego County, Development Services		
1978	San Diego County, Development Services		
1977	San Diego County, Development Services		

### BUILDING DEPARTMENT RECORDS SEARCHED

Name: San Diego County  
Years: 1977-2012  
Source: San Diego County, Development Services, San Diego, CA  
Phone: (619) 446-5000

## ADJOINING PROPERTY FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### AVNDA ANNALIE

12633 AVNDA ANNALIE

Date: 2/28/2003  
Permit Type: PERMIT-RESIDENTIAL  
Description: 2066 SQ. FT. SFD W/ AC, 872 SQ. FT. FIN. GARAGE, TEMP POWER

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: 1003-20030147  
Status:  
Valuation: \$186,323.40  
Contractor Company:  
Contractor Name: HEDGES INC

## GLOSSARY

### General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeyman:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other common reasons for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

## GLOSSARY

### Permit Content Definitions

- **Permit Number:** The alphanumeric designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- **Description:** A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- **Permit Type:** Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

### Sample Building Permit Data

Date: Nov 09, 2000  
Permit Type: Bldg -  
New Permit Number: 101000000405  
Status: Valuation: \$1,000,000.00  
Contractor Company: OWNER-BUILDER  
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

# APPENDIX D

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## INTERVIEWS

**PHASE I INTERVIEW QUESTIONNAIRE**

The purpose of this questionnaire is to obtain information from knowledgeable individuals regarding the Subject Site. This questionnaire will become part of the investigation report.

**A. SITE INFORMATION**

Project Number: APN 129-162-07-00  
Property Location: 30687 Mesa Crest Rd, Valley Center, CA 92082  
Property Name: The Clayton A. Granger Trust Property

**B. INTERVIEW INFORMATION**

Date/Time: 2/20/2013  In Person  
Interviewer: \_\_\_\_\_  By Telephone, Number: \_\_\_\_\_  
Person Interviewed: Christine Granger, Carolyn G. Loyd  
 By Facsimile, Number: \_\_\_\_\_  
 Email: [cgranger@dcn.org](mailto:cgranger@dcn.org)  
Title/Company: \_\_\_\_\_  
[christinelgranger@gmail.com](mailto:christinelgranger@gmail.com); [cgloyd57@gmail.com](mailto:cgloyd57@gmail.com)

1. What is your relationship to the property? Trustees, The Clayton A. Granger Trust\_
2. Do you have a good knowledge regarding the uses and physical characteristics of the property?  
 Yes (see below)  
 No If not, who does? \_\_\_\_\_ Phone Number: \_\_\_\_\_
3. Do you have a good knowledge regarding the activities/processes conducted at the property?  
 Yes (See below)  
 No If not, who does? \_\_\_\_\_ Phone Number: \_\_\_\_\_

**C. PROPERTY INFORMATION**

1. To the best of your knowledge, what are the current and past uses of the property? Please describe with approximate dates.

The property was purchased in in 1958. In the early 1960's approximately 25 acres were cleared of chaparral and boulders (moved into large piles on the property) in preparation for avocado grove planting

The first avocado's , approximately 8 acres,- (center west section) were planted in 1967, the second approximate 8 acres (southwest) in 1976, the final section (northwest) of cleared land was never planted but was regularly plowed to limit wild fire danger during the 1970's, 80's & 90's.

The East side slope of the property was never cleared of its original chaparral or used for any agricultural purposes.

PHASE I INTERVIEW QUESTIONNAIRE

Page 2

In 1992(3) when the water rates increased dramatically the groves ceased to be watered and operated as a active avocado grove operation.

In 2005 our father entered into a contract with a nursery for their use of the land to host large specimen trees from other sites (both in ground and in boxes), and to extract and box for sale, oak and Toyon tree specimens, now growing wild in the old avocado grove areas. They are using space in the center west and southwest sections of the property. This nursery operation uses state of the art drip irrigation systems to deliver water and nutrients to the specimen trees. There are currently approximately 100 boxed specimen trees on the site along with an additional 10-15 in the ground.

**PHASE I INTERVIEW QUESTIONNAIRE**

2. To your knowledge, are there:  
 Hazardous substances present on the site?  Yes  No  
 Petroleum products present on the site?  Yes  No  
 If the preceding items are present, are there indications of any of the following:  
 An existing release?  Yes  No  
 A past release?  Yes  No  
 A threat of their release?  Yes  No  
 If yes to any of the above, please describe: \_\_\_\_\_.

3. Are you aware of the presence of any of the following either currently or previously on the property or any nearby properties:

Potential Recognized Environmental Conditions	Site		Adjacent	
Hazardous substances?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Petroleum products?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Chemicals?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Asbestos or asbestos-containing materials?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Lead-based paints?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Underground storage tanks?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Above-ground storage tanks?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Oil Wells?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Sumps?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

If yes to any of the above, please describe: \_\_\_\_\_

Yes our father used diesel oil as a weed killer (simazine) in the 1970's, it was sprayed on the main dirt roadway that provided access into the interior of the property. It was also used randomly for spot use within the groves during the same time period. He stopped using this methodology when he acquired better plowing and clearing equipment in the late 1970's early 80's and when Roundup type herbicides became available for use. To our knowledge no petroleum products were used any later than the early 1980's other than as fuel for farm equipment use. Roundup was used until he turned off the water on the property in 1992.

We know that our father used nitrogen fertilizer on the groves every year when the groves were in operation. No fertilizer was ever stored in large quantities over time in any location on the property. It was purchased and used immediately.

Our father stored several old vehicles on the property – when these were picked apart by thieves over several years (2000's) some oil/gas deposits were left on the ground at that location.

To our knowledge the nursery tenant is not using herbicides or any chemicals other than drip delivered fertilizers. They are prohibited from disposing of any chemicals on the property.

According to the nursery tenant in 2010 they began seeing trash dumping by outsiders in a few locations on the property. We (the Trust) had the property cleaned up, trash cleared and the vehicle shells remove in spring 2012. There was no evidence at that time of any other hazardous waste, just paper and plastic garbage, and the remnants of sheds that had been destroyed by vandals.

**PHASE I INTERVIEW QUESTIONNAIRE**

4. Are you aware of any current or previous uses of the property or nearby properties that would suggest the presence of the foregoing items, substances, or materials?  Yes  No

If yes to any of the above, please describe: \_\_\_\_\_

see above in #3

**PHASE I INTERVIEW QUESTIONNAIRE**

5. To your knowledge, are there any utility corridors on the property?  Yes  No

If yes to any of the above, please describe: \_\_\_\_\_

**SDG&E gas and electrical lines have easements on the property on the northern (gas & electric) and western (electric) sides. In addition the property has water from Valley Center Water district. We do not know exactly where these are located in relation to property easements. The water meter is located on the western edge of the property along Mesa Crest Rd.**

6. To your knowledge, are you aware of any of the following on the property:
- |              |   |                                 |   |
|--------------|---|---------------------------------|---|
| Water Wells? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Disposal Wells?                 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Clarifiers?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Underground Irrigation Systems? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

If yes to any of the above, please describe: \_\_\_\_\_

**Grove irrigation was conducted through PVC piping attached to main galvanized valves extending in 6 sections off to the main line running across the property along the edge of the dirt road. Since turning off the water and the use by the current nursery operation some of the irrigation system has changed.**

7. Are there any occupants on the property?  Yes  No

If yes to any of the above, please describe: \_\_\_\_\_

8. Do you have good knowledge regarding the identity of any existing documents relating to the property?  
 Yes  
 No If not, who does? \_\_\_\_\_ Phone Number: \_\_\_\_\_

9. To your knowledge, do any of the following documents exist with respect to the subject property? If yes, please name the document and comment upon whether it is available for review.

Document	Yes	No	Name/Availability
Environmental site assessment reports?		✓	
Environmental audit reports?		✓	
Environmental permits?		✓	
Storage tank registration?		✓	
Material safety data sheets (MSDS)?		✓	
Community right-to-know plans?		✓	
Safety plans?		✓	
Spill Prevention, Countermeasure, & Control Plans?		✓	
Illness and Injury Prevention Plans?		✓	
Reports regarding hydrogeologic conditions on the property or surrounding area?		✓	
Hazardous waste generator notices or reports?		✓	
Geotechnical studies?		✓	

PHASE I INTERVIEW QUESTIONNAIRE

10. To your knowledge, do any of the following exist with respect to the subject property?

- a. Notices or other correspondence from any government agency relating to past or current violations of environmental laws?  Yes  No

If yes to any of the above, please describe: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- b. Notices or other correspondence from any government agency relating to environmental liens encumbering the property?  Yes  No

If yes to any of the above, please describe: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- c. Pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances, or petroleum products in, on, or from the property?  Yes  No

If yes to any of the above, please describe: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- d. Notices from any government al entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?  Yes  No

If yes to any of the above, please describe: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

11. Please provide any additional information relative to this project.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**PHASE I CLIENT QUESTIONNAIRE**

*The purpose of this questionnaire is to obtain information from the client regarding the Property.*

Date Sent to Client 12/28/2012

Date Received from Client \_\_\_\_\_

**A. SITE INFORMATION**

1. Property Name: \_\_\_\_\_  
Owner: **The Clayton A. Granger Trust**  
Parcel numbers: APN 129-162-07-00
  
2. Location (If a map is available, please include it): **Geo-coordinates: corners of property**  
  
Street Address: **MESA VERDE RD, VALLEY CENTER CA 92082**  
Property Type: **Agricultural/Rural**  
Use Code: **Orchard (Fruit; Nut)**  
Lot Size: **40.05 acres**  
Abbreviated Legal Description: **N 1260.16 FT MEAS ALG W LI OF W 1/2 OF NE 1/4 SEC 35-10-2W**  
Geo-coordinates: **corners of property**  
NW 33°16'15.68"N 117° 3'33.70"W  
NE 33°16'15.44"N 117° 3'17.58"W  
SW 33°16'3.21"N 117° 3'33.47"W  
SE 33°16'2.95"N 117° 3'17.32"W
  
3. Why is the Phase I required? (Development as a residential parcel, protection from CERCLA liability, etc?): **Development as solar facility**
  
4. Is there an Interview Contact for this job? (A current owner, operator, or someone with knowledge of the history and/or processes occurring at the site). **XX Yes No**

If yes, please provide the following information:

Person to be interviewed: **Christine L. Granger or Carolyn Granger-Loyd**

Title/Company: **Trustees, the Clayton A. Granger Trust**

Phone number and/or email address:

**Clayton A. Granger Trust**  
c/o Carolyn G. Loyd, Co-Trustee  
24661 Ashland Drive  
Laguna Hills, CA 92653  
[cgloyd57@gmail.com](mailto:cgloyd57@gmail.com)

**Christine L. Granger**  
530-219-1712 cell  
530-757-6892 home  
[cgranger@dcn.org](mailto:cgranger@dcn.org)

5. Do you have any reports for this job (such as previous Phase I's, biology reports, cultural resource reports, geotechnical reports, etc.)  Yes  No

If yes, please provide them for Petra to review.      *Date Received from Client* \_\_\_\_\_

6. As part of our investigation, Petra contacts local agencies to obtain miscellaneous information about the project site such as previous investigations, zoning, and flood zone. Do you have any current restrictions regarding Petra contacting these agencies?

Yes     No (with qualifications)

**Please advise us in advance if you intend to contact the San Diego County Planning, as we are starting a permitting process.**

If yes, please contact us to discuss further.

**B. SITE ACCESS**

1. Does Petra have access to the property at this time?     Yes     No

**Please advise us in advance if you intend to visit the property, so we can contact the Owner (or Petra can contact the Owner directly). NorthLight should keep track of any visits by consultants to the property.**

2. Are there any access restrictions such as a locked gate or required insurance forms? \_\_\_\_\_  
\_\_\_\_\_

**Please advise us in advance if you intend to visit the property, so we can contact the Owner (or Petra can contact the Owner directly). NorthLight should keep track of any visits by consultants to the property.**

3. Is there a site manager that Petra needs to contact prior to visiting the site? \_\_\_\_\_  
\_\_\_\_\_

**There is no on-site manager.**

**Clayton A. Granger Trust**  
c/o Carolyn G. Loyd, Co-Trustee  
24661 Ashland Drive  
Laguna Hills, CA 92653  
[cgloyd57@gmail.com](mailto:cgloyd57@gmail.com)

**Christine L. Granger**  
530-219-1712 cell  
530-757-6892 home  
[cgranger@dcn.org](mailto:cgranger@dcn.org)

**PETRA GEOTECHNICAL, INC.**

**Environmental Division**

40880 County Center Dr., Suite R, Temecula, CA

\* (951) 600-9271 \* (951) 719-1499

**C. LANDOWNER LIABILITY PROTECTIONS**

In order to qualify for one of the Landowner Liability Protections offered by the Small Business liability Relief and Brownfields Revitalization of 2001 (the "Brownfields Amendments"), the client must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

1. Are you aware of any environmental clean-up liens against the property that are filed or recorded under federal, tribal, state, or local law? (40 CFR 312.25)  Yes  No

If no, have you or will you conduct a search for any environmental cleanup liens against the property that are filed or recorded in a registry?  Yes  No

If yes, please provide Petra with this information. \_\_\_\_\_

If no, do you require Petra to complete this task?  Yes  No

2. **EASEMENTS CLEANUP** Are you aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place on or for the site and/or have been filed or that environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law? (40 CFR 312.25)  Yes  No

If no, have you or will you conduct a search for any AULs against the property that are filed or recorded in a registry?  Yes  No

If yes, please provide Petra with this information. \_\_\_\_\_

no, do you require Petra to complete this task?  Yes  No

3. As the user of this Environmental Site Assessment, 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 potential chemicals and processes used by this type of business?  Yes  No

**NorthLight intends to purchase the property and build a ground-mount solar PV facility for the generation of renewable (solar) electric power. We are not in farming or livestock or any other business conducted in the vicinity of the subject property/parcel (to our knowledge there are no solar businesses in the immediate area).**

**PETRA GEOTECHNICAL, INC.**

**Environmental Division**

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If yes, please provide Petra with this information. \_\_\_\_\_

4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property?  Yes  No

**The price per acre was in alignment with appraisals, if not slightly above market, for properties of this size in the area, when the Option agreement was signed.**

If you conclude that there is a difference, have you considered whether the lower purchase price is because of any environmental concerns are known or believed to be present at the property?

Yes  No (no difference)

If yes, please provide Petra with that information. \_\_\_\_\_

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 hazardous materials/chemical releases or threatened releases? For example,

- A. Do you know the past uses of the property?  Yes  No

**Avocado farming, now discontinued. In recent years, the property has been used as a nursery for boxed-trees and planted-trees.**

If yes, please provide Petra with the information.

- B. Do you know of specific chemicals that are present or once were present at the property?

Yes  No

If yes, please provide Petra with the information.

**We do not have knowledge of chemicals used at this property.**

- C. Do you know of spills or other chemical releases that have taken place at the property?

Yes  No

If yes, please provide Petra with the information.

**We have no knowledge of spills or other chemical releases on the property. However, we did observe a small area of soil staining (a few square feet) at the back of the property in late 2011. As of our most recent visit, the stain was no longer evident.**

- D. Do you know of any environmental cleanups that have taken place at the property or adjacent properties?  Yes  No

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**Note that a few old vehicles and debris (pots, furniture, concrete pieces, etc.) were observed on site in late 2011. The vehicles and debris have been removed, and were completely gone during our visit in early 2013.**

If yes, please provide Petra with the information. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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?

Yes  No

If yes, please provide Petra with the information. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# APPENDIX E

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RESUMES

**DR. SIAMAK JAFROUDI**

President

Principal-in-Charge

**EDUCATION**

PhD, Geotechnical Engineering, 1983,

UC Davis

MS, Civil Engineering, 1978, UC Davis

**REGISTRATIONS**

Civil Engineering, California, PE 36641

Geotechnical Engineer, California, GE 2024

Environmental Assessor, REA 01655

**PROFESSIONAL SUMMARY**

Dr. Jafroudi has over 34 years of professional experience in geotechnical engineering. His area of specialization is “material characterization” in relation to slope stability evaluation, liquefaction analysis, pavement design, collapse potential, earth retaining structures and earthquake engineering. Dr. Jafroudi’s experience encompasses the design and supervision of a multitude of soil mechanics laboratory tests and drilling programs. With a broad range of project experience, he has served as a Principal Engineer on several key projects for such clients as school, university and college districts, public agencies; transportation agencies; residential and commercial developers, as well as private sector clients.

Acquiring a doctorate degree in Geotechnical Engineering as well as a Master of Science degree in Civil Engineering, Dr. Jafroudi maintains extensive working knowledge and experience with respect to these challenging fields. Dr. Jafroudi is a Registered Geotechnical Engineer (GE), a Registered Environmental Assessor (REA), and is registered in Civil Engineering (PE), all in the state of California. Additionally, he is an active member of the American Society of Civil Engineers, the Earthquake Engineering Research Institute and California Geotechnical Engineering Association.

**SELECTED PROJECT EXPERIENCE****Environmental Site Assessments**

- KB Homes, Hollywood Beverly Christian Church, Hollywood
- Castle & Cooke, Lake Elsinore Outlet Mall, Lake Elsinore
- Covina Transit Plaza, Foothill Transit, Covina
- First Street Bridge Widening, Los Angeles County
- Overland Street Bridge Improvements, Los Angeles County
- 801 Office Tower, Mani Brothers, Los Angeles
- Harmony Grove Site Acquisition, New Urban West, San Diego County
- Site Acquisitions, County of Los Angeles Office of Education, Los Angeles
- Eleven Projects, City of Mission Viejo, Mission Viejo
- Site Acquisitions, Paramount USD, Paramount
- Site Acquisitions, Santa Ana USD, Santa Ana
- Site Acquisition, Nevis Construction, Chino Hills
- Site Acquisitions, Moreno Valley USD, Moreno Valley
- Corona Farms, Confidential Client, Corona
- Amusement Park, Confidential Client, Orange County

- Nursery Site, Confidential Client, Sylmar
- Warehouse Facility, Confidential Client, Norwalk

## MR. JONATHAN CAIN

Title: Senior Project Geologist

### EDUCATION

BS, Geology, Radford University, Radford, Virginia

Mr. Cain has been in the field of Engineering Geology since 1984. As a project manager he has supervised field personnel and coordinated outside services for implementing geologic and geotechnical investigations for numerous new and/or forensic (distress) site evaluations. His projects have included geotechnical evaluations of hillside and flatland sites, landslide and fault evaluations along with evaluation of damages caused by consolidation or expansive soil conditions and moisture emissions through concrete slabs. Mr. Cain has also managed and conducted numerous environmental projects with special emphasis on Phase I Environmental Site Assessments and Phase II Soil and Groundwater Assessments for vacant, residential and commercial properties.

### SELECT PROJECT EXPERIENCE

#### Environmental Investigations

- Phase I and Limited Phase II investigation, March 2012, KB Homes, Hollywood Beverly Christian Church, Hollywood
- Phase I and Phase II Investigation, January 2012, Meridian Land Development, Casa Blanca Ranch, Yucaipa
- Limited Phase II near-surface soil investigation, September 2011, Long Beach Unified School District, Newcomb Academy, Long Beach
- Limited Phase II near-surface soil investigation, September 2011, Long Beach Unified School District, Roosevelt Elementary School, Long Beach
- Phase I site assessment, July 2011, Castle & Cooke, Lake Elsinore Outlet Mall, Lake Elsinore
- Phase I site assessment, November 2010, Carlsbad Volvo Dealership, Carlsbad
- Phase I site assessment, August 2010; TRS Consultants, Shadow Run Project, Pauma Valley
- Phase I site assessment and report preparation, August 2010; Ryland Homes, Alberhill Ranch Project, City of Lake Elsinore
- Phase I site assessment and report preparation, August 2010; KB Home, Paradiso Project, Indio
- Phase I site assessment, July 2010; Meritage Homes, Rancho 23 Project, Rancho Cucamonga
- Limited Phase II site assessment, July 2010; TRS Consultants, Brisa Del Mar Project, Bonsall

#### Forensic Distress Investigations

- Big Rock Mesa Landslide, Malibu
- Via Allegre Landslide, San Clemente
- Leighton Street Landslide, Oahu, Hawaii
- Temple Hills Landslide, Laguna Beach
- Crown Cove Landslide, Laguna Beach
- Avenida de Santiago Landslide, Anaheim Hills

#### Public Agency

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past + present + future

*it's in our science*

- Ocean Beach Bikeway Extension, City of San Diego, San Diego

#### Educational Facility

- Extensive Fault Investigations, Mt. San Jacinto College Community College District, Menifee

#### Entertainment/Hospitality

- Design of Soldier-Pile Retaining Wall for Proposed Casino/Resort/Hotel, Jamul Band of Indians, Jamul

#### Transportation

- Geotechnical Investigation, Mariposa Avenue Bridge and Corrine Way Bridge, Tract 22100, KB Home Costal, Inc., Mockingbird Canyon Area, Riverside County
- Geotechnical Investigation, Nordahl Road Bridge, City of Escondido, San Diego County
- Ocean Beach Bikeway Extension, City of San Diego, San Diego County

#### Mass Grading

- Sweetwater Ranch Development, Classic Pacific Homes, French Valley Area, Riverside County
- Centex Hemet Development, Centex Homes, City of Hemet, Riverside County
- Bridle Creek Development, William Lyon Homes, Inc., Mockingbird Canyon Area, Riverside County
- Alicante Development, KB Home Costal, Inc., Mockingbird Canyon Area, Riverside County
- Nandina Limited Edition Estate Homes, Flatiron Land Company, Inc., Mockingbird Canyon Area, Riverside County
- Artisan San Jacinto, Artisan Communities, City of San Jacinto, Riverside County

#### Public Agency

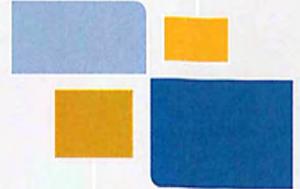
- Ocean Beach Bikeway Extension, City of San Diego, San Diego

#### Educational Facility

- Extensive Fault Investigations, Mt. San Jacinto College Community College District, Menifee

#### Residential

- Geotechnical Investigation, Approximately 9.5-Acre Site, Darling Development Group, Mockingbird Canyon Area, Riverside County
- Geotechnical Investigation, Approximately 45.6-Acre Site, Pelican Homes, Cajalco Road, Lake Mathews Area, Riverside County
- Geotechnical Investigation, Approximately 40.5-Acre Site, Vista Ranch Development LLC, Woodcrest Area, Riverside County
- Geotechnical Investigation, Proposed Borrow Area Adjacent Tract 31118, Classic Pacific Homes, French Valley Area, Riverside County California
- Geotechnical Investigation, Gavalin Hills, Baker & Baker, Lake Mathews Area, Riverside County



**Orange County /  
Environmental / Corporate**

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Costa Mesa, California 92626  
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Valencia, California 91355  
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42-240 Green Way, Suite E  
Palm Desert, California 92211  
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