

***PHASE I ENVIRONMENTAL SITE ASSESSMENT;  
APPROXIMATE 11(±)-ACRE PARCEL WITH ASSESSOR'S  
PARCEL NUMBER APN 188-120-12-00, ADJACENT THE  
NORTHEAST INTERSECTION OF COLE GRADE ROAD AND VIA  
VALENCIA, VALLEY CENTER, SAN DIEGO COUNTY,  
CALIFORNIA***

***NORTHLIGHT POWER, LLC***

***SEPTEMBER 23, 2013  
J.N. 13-395***

**SDC PDS RCVD 10-01-13  
MUP13-019**

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September 23, 2013  
J.N. 13-395

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

**Subject: Phase I Environmental Site Assessment; Approximate 11(±)-Acre Parcel with Assessor's Parcel Number APN 188-120-12-00, Adjacent the Northeast Intersection of Cole Grade Road and Via Valencia, Valley Center, San Diego County, California**

Dear Mr. Cook:

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. 13-395, dated June 28, 2013, 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 11(±)-Acre Parcel, APN 188-120-12-00,  
Adjacent the Northeast Intersection of  
Cole Grade Road and Via Valencia, 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 was performed by Mr. Michael Mednick Environmental Assistant, with data gathering and compilation performed by 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 adjacent to the northeast intersection of Cole Grade Road and Via Valencia, Valley Center, San Diego, California.
- The subject site is comprised of one parcel with Assessor Parcel Number APN 188-120-12-00 which encompasses approximately 11± acres.
- The site is roughly square in shape and essentially comprised of orchards that are separated by either dirt access roads or rows of mature windbreaker trees. Other vegetation observed consisted of weeds and wild grasses.
- The site consists of moderately sloping hills within the eastern portion of the site and gently sloping land within the western portion of the site. A tributary traverses the site from the north central portion to the southwest portion of the site. Site elevations range from approximately 1560 feet above mean sea level (msl) within the eastern portion of the site to approximately 1500 feet above mean sea level (msl) within the southwestern portion of the site.
- One irrigation well was observed on site during our reconnaissance. The well was located within the north central portion of the site with a control panel and windmachine mast labeled number 6. The well surface area was comprised approximately of a 6 x 6 concrete pad.
- A 3 foot diameter and 2 foot diameter corrugated metal drain pipes were observed extending under Via Valencia approximately 100 feet from the intersection of Via Valencia and Cole Grade Road.
- Power lines with wooden poles extend along Cole Grade Road and Via Valencia. One wooden power line was observed onsite with three pole-mounted transformers. No sign of leaking or discoloration was found on the soils below the transformers.

- Irrigation pipe and remnants of irrigation lines were found throughout site.
- Debris on site consisted of minor amounts of wind-blown trash observed throughout the site.
- There was no evidence of sumps, 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 188-120-12-00. 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 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. All well pump locations for pesticides, due to potential mixing area.

### **OTHER SITE CONSIDERATIONS**

The following items are not considered recognized environmental conditions in accordance with ASTM 1527-05. However, these items may warrant considerations in conjunction with any planned development activities. The information regarding possible actions relative to these items has been provided as guidance.

1. In the event the water well is not intended for future use, it is recommended that the well be abandoned in accordance with the California Well Standards as published by the California Department of Water Resources (Bulletin 74-81 and 74-90), with oversight provided by the appropriate agencies.

2. 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.
3. If the transformers are to be removed, it is recommended that the removal be completed by a licensed contractor or the utility company responsible for the transformers.
4. It is unknown if there are any septic tanks or leach fields on the site. If any are encountered during site development, it is recommended that they be removed in accordance with current regulations.

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## **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

**Approximate 11(±)-Acre Parcel, APN 188-120-12-00,  
Adjacent the Northeast Intersection of  
Cole Grade Road and Via Valencia, 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 6, Township 11 South, Range 1 West, San Bernardino Base and Meridian. The site elevation ranges from approximately 1500 to 1560 feet above mean sea level (msl). A site location map is included as Figure 1.

The subject site is located south of Pala Mountain, adjacent to, and northeast of the Intersection of Cole Grade Road and Via Valencia, in Valley Center, San Diego County, California. The subject site is comprised of a single parcel with Assessor Parcel Numbers APN 188-120-12-00 which encompasses approximately 11± acres. The site is roughly square in shape and is comprised of agricultural orchards. The site consists of gently sloping land toward a tributary which traverses the site from the north to the

south within the west-central portion of the site. A map showing the current configuration of the site is included as Figure 2.

### **PREVIOUS LAND USE**

Based on information obtained during this investigation, the site appears to have been vacant land from at least 1901 until sometime during 1939 when the northeast portion of the site was utilized for dry farming. From at least 1946 through 1953 the entire site appears to have been utilized for dry farming. During 1963 the site appears as vacant land. From at least 1975 through the present day the site has been used for orchards. Historical information reviewed during this investigation includes aerial photographs (dating back to 1939), 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 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 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 July 24, 2013. Site photographs are included as Plate A and a completed Site Inspection Checklist is located in Appendix A. Our site observations are summarized below.

### SITE DESCRIPTION AND GENERAL INFORMATION

1. The subject site is located adjacent to the northeast intersection of Cole Grade Road and Via Valencia, Valley Center, San Diego, California.
2. The subject site is comprised of one parcel with Assessor Parcel Number APN 188-120-12-00 which encompasses approximately 11± acres.

3. The site is roughly square in shape and essentially comprised of orchards that are separated by either dirt access roads or rows of mature windbreaker trees. Other vegetation observed consisted of weeds and wild grasses.
4. The site consists of moderately sloping hills within the eastern portion of the site and gently sloping land within the western portion of the site. A tributary traverses the site from the north central portion to the southwest portion of the site. Site elevations range from approximately 1560 feet above mean sea level (msl) within the eastern portion of the site to approximately 1500 feet above mean sea level (msl) within the southwestern portion of the site.
5. One irrigation well was observed on site during our reconnaissance. The well was located within the north central portion of the site with a control panel and windmachine mast labeled number 6. The well surface area was comprised approximately of a 6 x 6 concrete pad.
6. A 3 foot diameter and 2 foot diameter corrugated metal drain pipes were observed extending under Via Valencia approximately 100 feet from the intersection of Via Valencia and Cole Grade Road.
7. Power lines with wooden poles extend along Cole Grade Road and Via Valencia. One wooden power line was observed onsite with three pole-mounted transformers. No sign of leaking or discoloration was found on the soils below the transformers.
8. Irrigation pipe and remnants of irrigation lines were found throughout site.
9. Debris on site consisted of minor amounts of wind-blown trash observed throughout the site.
10. There was no evidence of sumps, pools, or lagoons identified during our site inspection.

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

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

- |              |  |
|--------------|--|
| <u>North</u> | To the north of the subject site is a small open space with rural residential property and orange orchards beyond.   |
| <u>East</u>  | To the east of the subject site are segments of Via Valencia and Miller road with rural residences beyond.           |
| <u>South</u> | To the south of the subject site is Via Valencia with agricultural fields, orchards and rural residence beyond.      |
| <u>West</u>  | To the west of the subject site is Cole Grade Road, with chicken hatchery and rural residences with orchards 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 one mapped site within the requested search radii. Four 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 B for the search radii completed for this investigation. A brief description of the sites listed in the EDR report, which are of potential concern due to the nature of the listing or their proximity to the site, is provided below:

#### **Site 1. Milenko & Lydia Nastich, 30118 Miller Rd., Valley Center, CA 92082**

This site is located between ¼ to ½ of a mile north of and at a higher elevation than the subject site and is listed on the Clandestine Drug Labs (CDL) and County of San Diego Site Assessment and Mitigation SAM Program (San Diego Co. SAM) databases. This site was listed on the CDL database for an illegal drug lab and on the San Diego Co. SAM database for an unspecified complaint which received closure on September 9, 2009. Based on the oversight agency having granted closure this listing does not currently appear to represent a recognized environmental condition with regards to the subject site.

### **Orphan Sites**

Orphan sites are unable to be located due to lack of complete address information. Four 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 A.

**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 A.

**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.

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 1939, 1946, 1953, 1963, 1975, 1980, 1990, 1995, 2005, 2009, 2010 and 2012 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 B.

#### 1939 Photograph

In the 1939 photograph, the northeast portion of the site appears to be used for dry farming. The remainder of the site is vacant (raw) land. A tributary traverses the site from the north central portion to the southwest portion of the site. Cole Grade Road appears as a dirt road.

#### 1946 and 1953 Photographs

In the 1946 and 1953 photographs, the entire site appears to be utilized for dry farming with the exception of the tributary. Cole Grade road appears to have been improved.

#### 1963 Photograph

In the 1963 photograph, the site appears as vacant raw land. Chicken hatcheries and a rural residence appear across Cole Grade road.

#### 1975 and 1980 Photographs

In the 1975 and 1980 photographs, the entire site appears to be developed as orchards. Via Valencia has appears as a dirt road adjacent the south side of the site. Adjacent and surrounding sites have been developed as orchards.

#### 1990, 1995 and 2005 Photographs

In the 1990, 1995 and 2005 photographs, the entire site appears the same as in the prior photograph. Rural development appears adjacent to the east of the site and also north of the site.

#### 2009, 2010 and 2012 Photographs

In the 2005, 2010 and 2012 photographs, the entire site appears the same as in previous photographs with the land developed as orchards. Surrounding land continues to be developed for rural residences with orchards.

#### **Historical USGS Topographic Maps**

Petra reviewed the historical USGS topographic maps of the site and vicinity provided by EDR (Target Quad's 1901, 1904, 1947, 1950, 1968, 1982, 1988 and 1997 along with adjoining Quad's). No land use is shown for the subject site on the 1901, 1904 and 1950 Historical Topographic maps. Maps dated 1947 and 1968 through 1997 show land use for groves within the subject site. These maps generally support

observations made from the aerial photographs reviewed. Copies of the maps reviewed are provided in Appendix B.

### **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 188-120-12-00. The results from this search indicated that there were no recorded Environmental Liens or AULs listed for the parcel. The grant deed provided with this lien search shows the property grant deed is vested in Armstrong Farms, Inc., recorded in April 1995. A copy of the lien and AUL search report is provided in Appendix B.

### **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 B.

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 B.

### **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 for the subject site and no listings for adjoining properties 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 B.

### **Interviews**

Petra contacted Mr. Alan Armstrong, Manager Armstrong Farms. According to Mr. Armstrong, the site was purchased in 1991 as orange groves and has been used in the same capacity since then. Mr. Armstrong also provided the following information:

1. To his knowledge, there are no notices or other correspondence from any government agency relating to past or current violations of environmental laws.
2. To his 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.
3. To his 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**

Petra emailed a Client Questionnaire form to Mr. Ed Cooke, Director of Development for Northlight Power, LLC. To date we have not received the returned Client Questionnaire form. As such, an interview with the client regarding past usage of the site has not been completed at the time this report was prepared. If any information changes our conclusions or recommendations for the subject site, Petra will provide this information within an amendment.

### **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**

Three pole-mounted transformers were observed onsite. Likely due to possible age no staining was observed below these transformers. If the transformers are to be removed, it is recommended that the removal be completed by a licensed contractor or the utility company responsible for the transformers.

#### **Underground Storage Tanks**

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

located on the site in the past. Further, no surface indications of AST's were observed on the subject site during the site reconnaissance.

### **Storm Water/Waste Water Discharge**

Storm water/waste water discharge from the site appears to include storm water runoff and water from the onsite water well and irrigation pipes.

It is unknown if there are any septic tanks or leach fields on the site. If any are encountered during development, it is recommended that they be removed in accordance with current regulations.

### **Pesticide Residues**

Based on information obtained during this investigation, the site was utilized for dry farming from at least 1939 through 1953. Groves have been planted within the subject site as far back as 1975. However, site specific information regarding pesticide use could not be obtained during this investigation.

### **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**

A single water well was observed within the site. In the event the well is not intended for future use, it is recommended that the well be abandoned in accordance with the California Well Standards as published by the California Department of Water Resources (Bulletins 74-81 and 74-90), with oversight provided by the appropriate agencies.

### **Waste Generation and Storage**

Debris was observed on the site 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 adjacent to the northeast intersection of Cole Grade Road and Via Valencia, Valley Center, San Diego, California.
- The subject site is comprised of one parcel with Assessor Parcel Number APN 188-120-12-00 which encompasses approximately 11± acres.
- The site is roughly square in shape and essentially comprised of orchards that are separated by either dirt access roads or rows of mature windbreaker trees. Other vegetation observed consisted of weeds and wild grasses.
- The site consists of moderately sloping hills within the eastern portion of the site and gently sloping land within the western portion of the site. A tributary traverses the site from the north central portion to the southwest portion of the site. Site elevations range from approximately 1560 feet above mean sea level (msl) within the eastern portion of the site to approximately 1500 feet above mean sea level (msl) within the southwestern portion of the site.
- One irrigation well was observed on site during our reconnaissance. The well was located within the north central portion of the site with a control panel and windmachine mast labeled number 6. The well surface area was comprised approximately of a 6 x 6 concrete pad.
- A 3 foot diameter and 2 foot diameter corrugated metal drain pipes were observed extending under Via Valencia approximately 100 feet from the intersection of Via Valencia and Cole Grade Road.
- Power lines with wooden poles extend along Cole Grade Road and Via Valencia. One wooden power line was observed onsite with three pole-mounted transformers. No sign of leaking or discoloration was found on the soils below the transformers.
- Irrigation pipe and remnants of irrigation lines were found throughout site.
- Debris on site consisted minor amounts of wind-blown trash observed throughout the site.
- There was no evidence of sumps, 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 188-120-12-00. 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 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. All well pump locations for pesticides, due to potential mixing area.

### **OTHER SITE CONSIDERATIONS**

The following items are not considered recognized environmental conditions in accordance with ASTM 1527-05. However, these items may warrant considerations in conjunction with any planned development activities. The information regarding possible actions relative to these items has been provided as guidance.

1. In the event the water well is not intended for future use, it is recommended that the well be abandoned in accordance with the California Well Standards as published by the California Department of Water Resources (Bulletin 74-81 and 74-90), with oversight provided by the appropriate agencies.
2. 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.
3. If the transformers are to be removed, it is recommended that the removal be completed by a licensed contractor or the utility company responsible for the transformers.

4. It is unknown if there are any septic tanks or leach fields on the site. If any are encountered during site development, it is recommended that they be removed in accordance with current 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



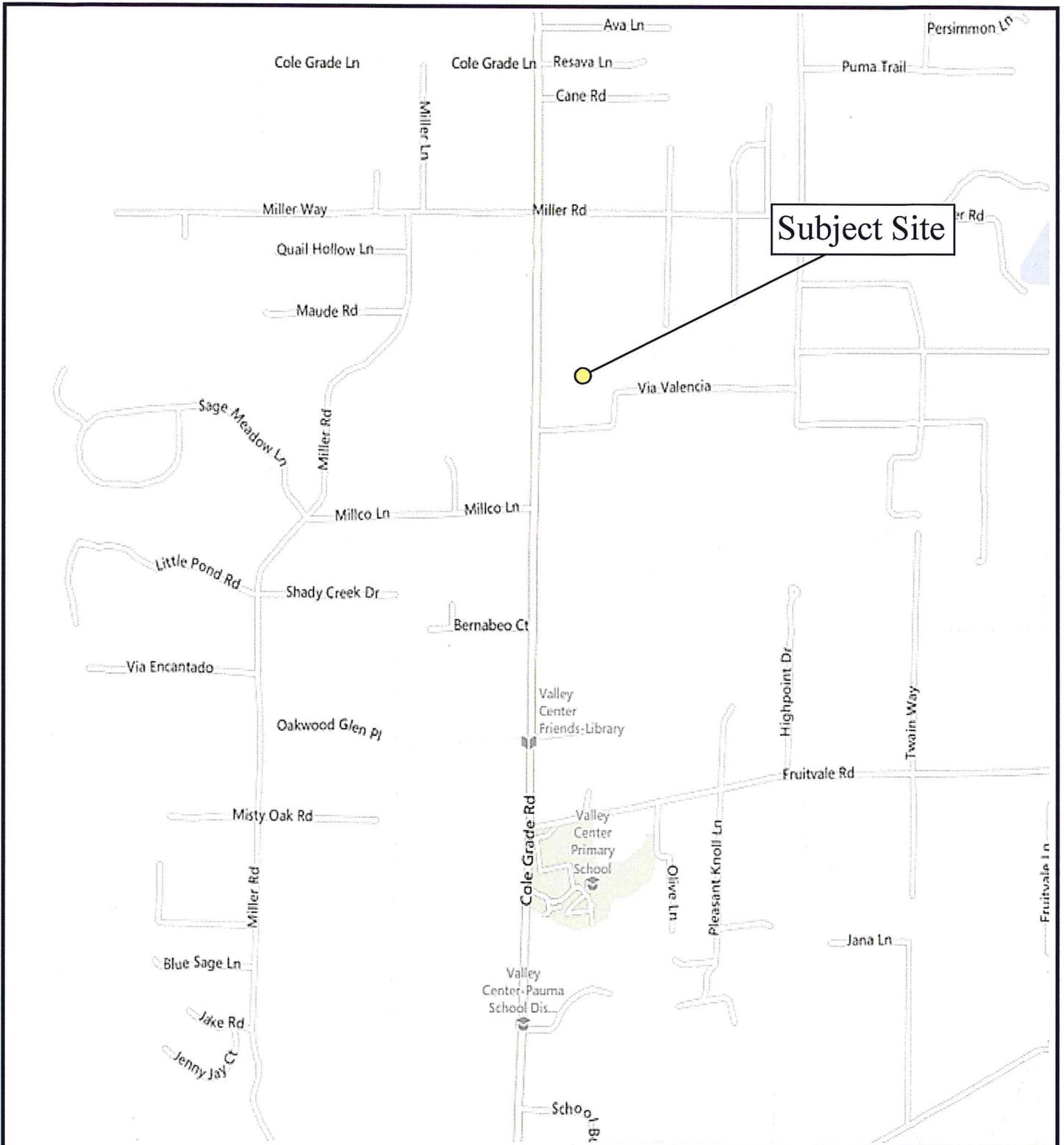
**REFERENCES**

- CALIFORNIA DEPARTMENT OF CONSERVATION, DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES, 2013, DOGGR Online Mapping System (DOMS) <http://maps.conservation.ca.gov/doms/index.html>.
- CALIFORNIA DIVISION OF MINES AND GEOLOGY, 2003, Special Studies Zones, 7.5 Minute Prado Dam Quadrangle Map
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- CALIFORNIA DEPARTMENT OF WATER RESOURCES, 2013, Historic Water Level Database, <http://www.water.ca.gov/>.
- ENVIRONMENTAL DATA RESOURCES, INC., 201, The EDR Radius Map with GeoCheck, 11-Acre Parcel, NE Intersection Cole Grade Road, Cole Grade Road and Via Valencia, Valley Center, CA 92082, (Inquiry No. 03667373.2r), dated July 16.
- ENVIRONMENTAL DATA RESOURCES, INC., 2013, Certified Sanborn Map Report, 11-Acre Parcel, NE Intersection Cole Grade Road, Cole Grade Road and Via Valencia, Valley Center, CA 92082, (Inquiry No. 3667373.3), dated July 16.
- ENVIRONMENTAL DATA RESOURCES, INC., 2013, EDR Historical Topographic Map Report, 11-Acre Parcel, NE Intersection Cole Grade Road, Cole Grade Road and Via Valencia, Valley Center, CA 92082, (Inquiry No. 3667373.4), dated July 17.
- ENVIRONMENTAL DATA RESOURCES, INC., 2013, The EDR Aerial Photo Decade Package, 11-Acre Parcel, NE Intersection Cole Grade Road, Cole Grade Road and Via Valencia, Valley Center, CA 92082, (Inquiry No. 3667373.5), dated July 19.
- ENVIRONMENTAL DATA RESOURCES, INC., 2013, The EDR-City Directory Image Report, 11-Acre Parcel, NE Intersection Cole Grade Road, Cole Grade Road and Via Valencia, Valley Center, CA 92082, (Inquiry No. 3667373.6), dated July 22.
- ENVIRONMENTAL DATA RESOURCES, INC., 2013, EDR Environmental Lien and AUL Search Report, 11-Acre Parcel, NE Intersection Cole Grade Road, Cole Grade Road and Via Valencia, Valley Center, CA 92082, (Inquiry No. 3667373.7), dated July 19.
- ENVIRONMENTAL DATA RESOURCES, INC., 2013, EDR Building Permit Report, Cole Grade Road, 11-Acre Parcel, NE Intersection Cole Grade Road, Cole Grade Road and Via Valencia, Valley Center, CA 92082, (Inquiry No. 3667373.11), dated July 16.
- GEOTRACKER, 2013, <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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**Subject Site**



Reference: Bing Maps

 <b>PETRA GEOTECHNICAL, INC.</b> 40880 County Center Drive, Suite R Temecula, California 92591 PHONE: (951) 600-9271	
COSTA MESA    TEMECULA    PALM DESERT    SAN DIEGO    SANTA CLARITA	
<b>SITE LOCATION MAP</b>	
North Light LLC. Project C908 Solar Site Valley Center, CA	
DATE: August 2013	J.N.: 13-395
DWG BY: LH	SCALE: NTS

**Figure 1**



# EXPLANATION



Approximate Location of Site Boundary

Reference: Google Earth



**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  
 C908 Solar Site  
 Valley Center, California

DATE: August 2013

J.N.: 13-395

DWG BY: LH

SCALE: NTS

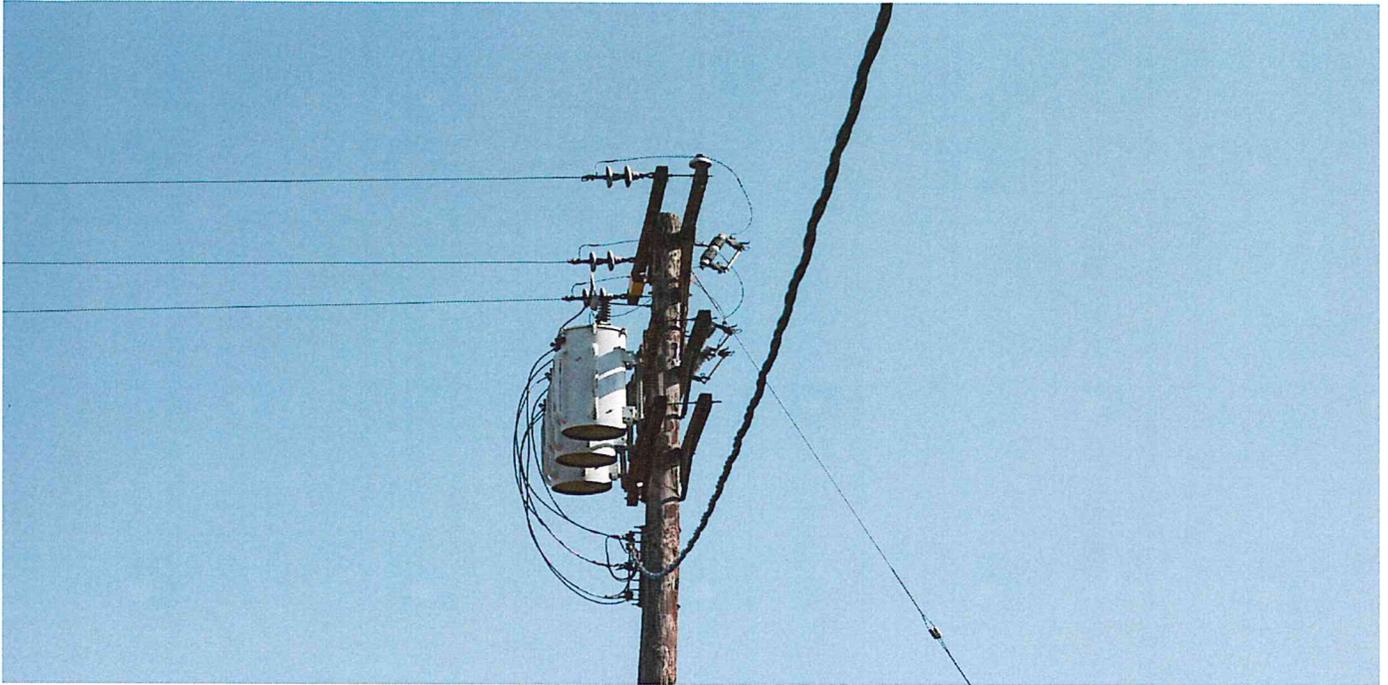
Figure 2

# APPENDIX A

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## SITE PHOTOGRAPHS



Three pole-mounted transformers observed onsite during our onsite investigation



Single wooden power lines extending along Cole Grade Road



Well observed onsite during our site investigation



Base of windmill observed onsite during our site investigation

# APPENDIX B

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## AGENCY SEARCH RESULTS

W1-7



W1-7

### REGIONAL WILDCAT MAP

SHOWING WELLS NOT ON DIVISION FIELD MAPS

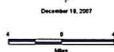
State of California - Department of Conservation  
Division of Oil, Gas, and Geothermal Resources  
NOTE: Wells with directional surveys on file with the division are indicated with a short line under the well symbol.  
Current well status should be confirmed at the appropriate division office.

- The Department of Conservation makes no warranty as to the accuracy of the data for the individual property.
- LEGEND**
- Drilling
  - Drilling site
  - Plugged and abandoned - dry hole
  - Completed - oil
  - Idle - oil
  - Plugged and abandoned - oil
  - Completed - gas
  - Idle - gas
  - Plugged and abandoned - gas
  - Completed - water disposal
  - Completed - waterflood
  - Idle - observation
  - OK - converted to water disposal
  - Completed - gas injection
  - Burned site
  - Abandoned - conductor
  - Gas injection
  - Gas - repair to all zones
  - Water storage
  - Plugged & abandoned - oil & gas
  - Gas storage
  - Observation
  - Gas - converted to gas storage
  - Abandoned oil - converted to water disposal
  - OK - converted to oil storage
  - Plugged and abandoned - waterflood
  - Plugged and abandoned - oil to waterflood
  - Idle - full completion - producing oil and disposal
- Field map boundary      Field boundary

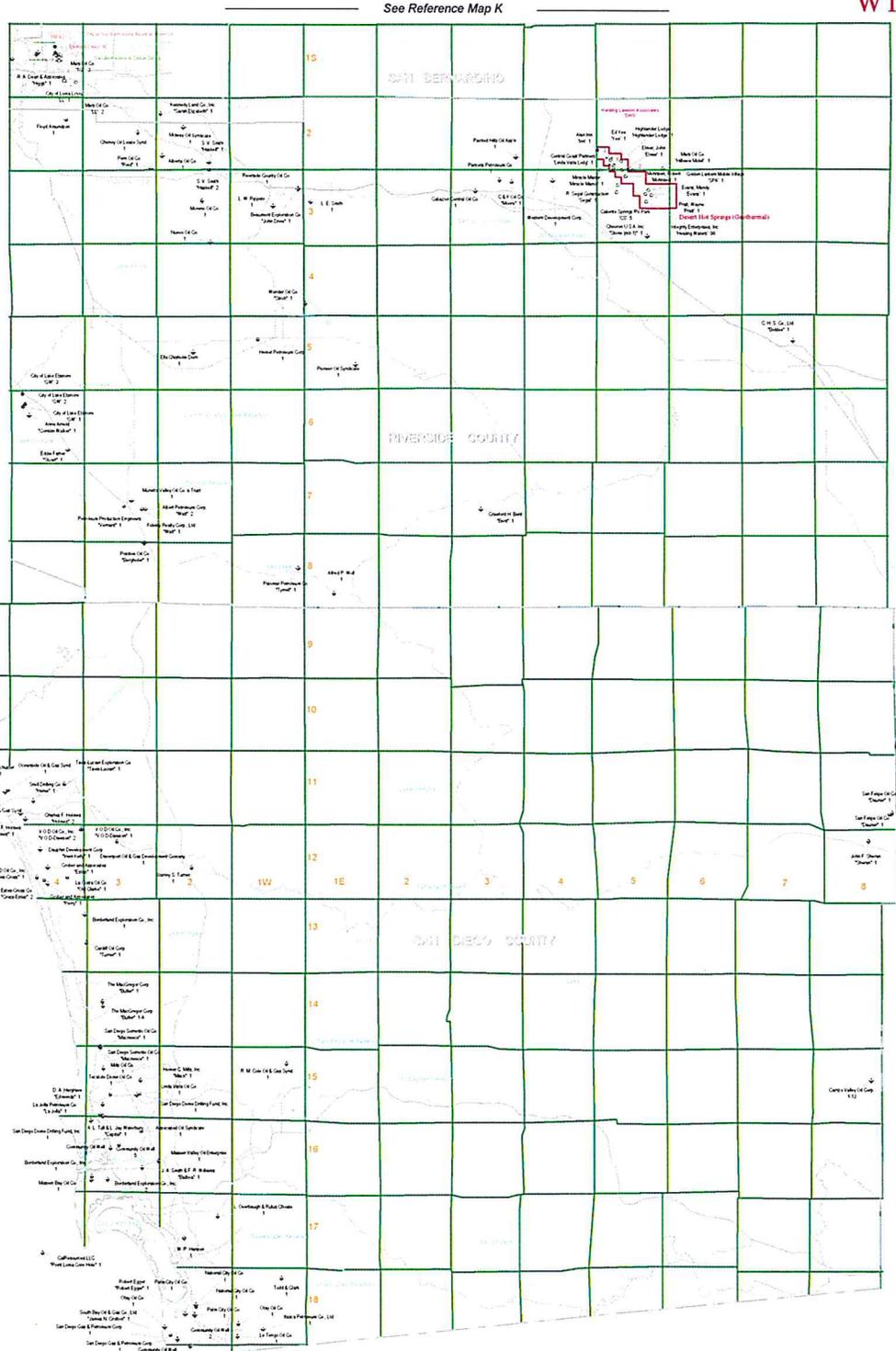
COUNTIES: RIVERSIDE AND SAN DIEGO

DRAFT

December 18, 2007



PACIFIC OCEAN



W1-4

See Reference Map K

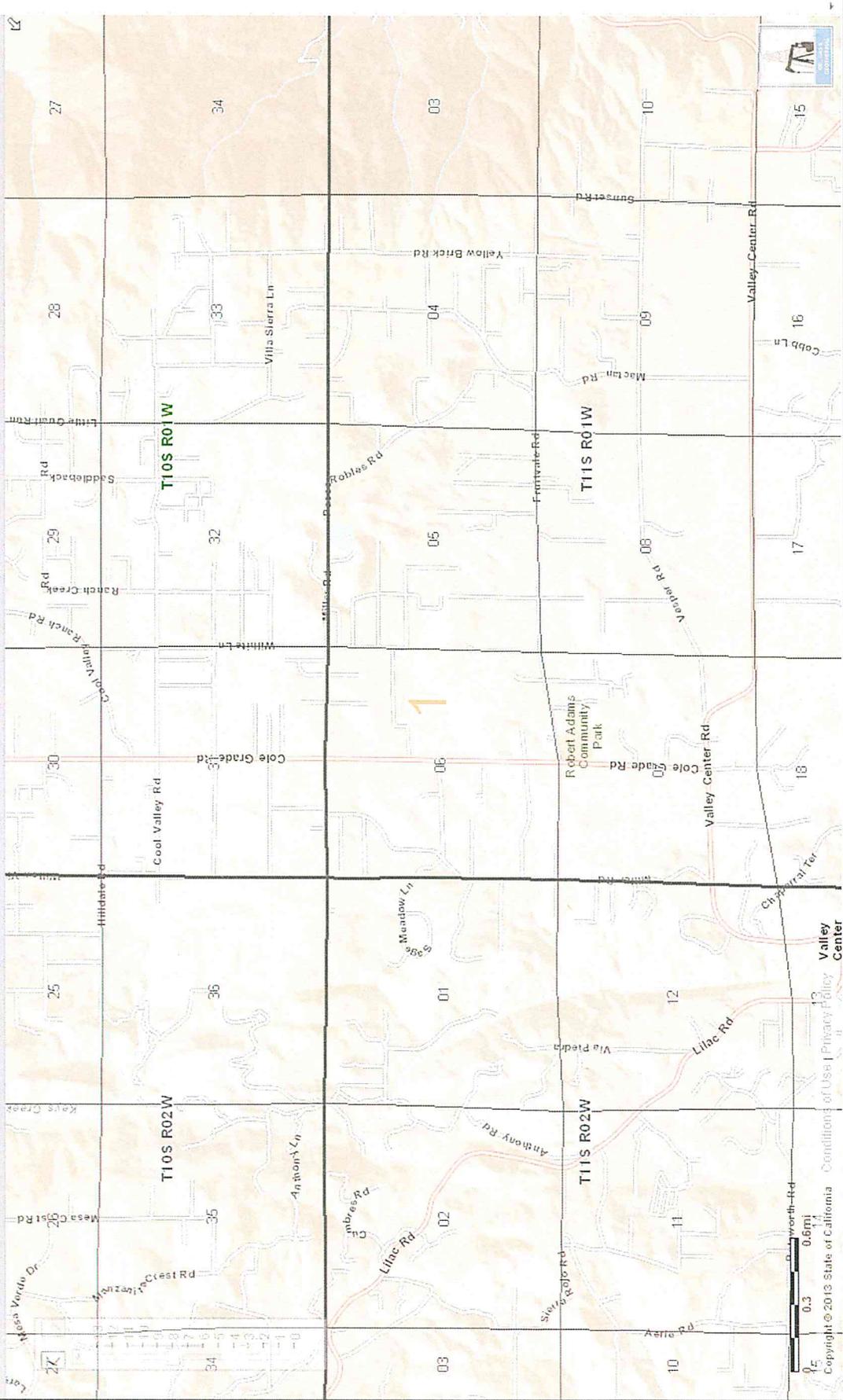
W1-8

W1-7

W1-7

### DOGGR Online Mapping System

Lat: 33.2549, Long: -116.9743



## 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

**Site Type**  
Select the desired site type using the checkboxes

- Groundwater Level
- Water Quality
- Include Historic Data
- Continuous Data

**Cursor Coordinates (WGS84)**  
Lat: -117.021, Long: 33.253

0 150 300ft

Select Basemap

CalAtlas, City of Poway, IPC, NHD, SANDAG, SanGIS, Esri...

- 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

Select Basemap

**Site Type**

Select the desired site type using the checkboxes

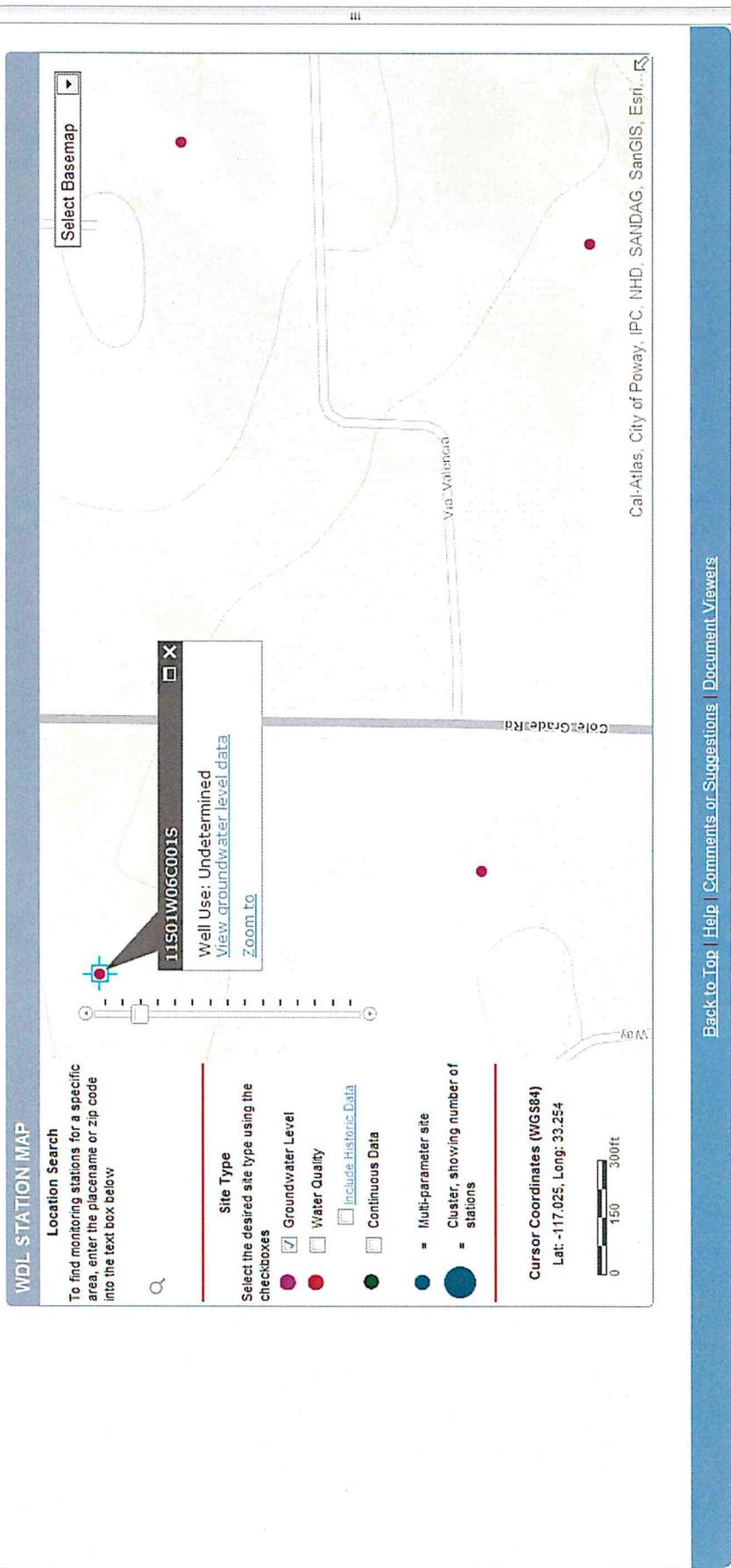
- Groundwater Level
- Water Quality
- [Include Historic Data](#)
- Continuous Data

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

**Cursor Coordinates (WGS84)**

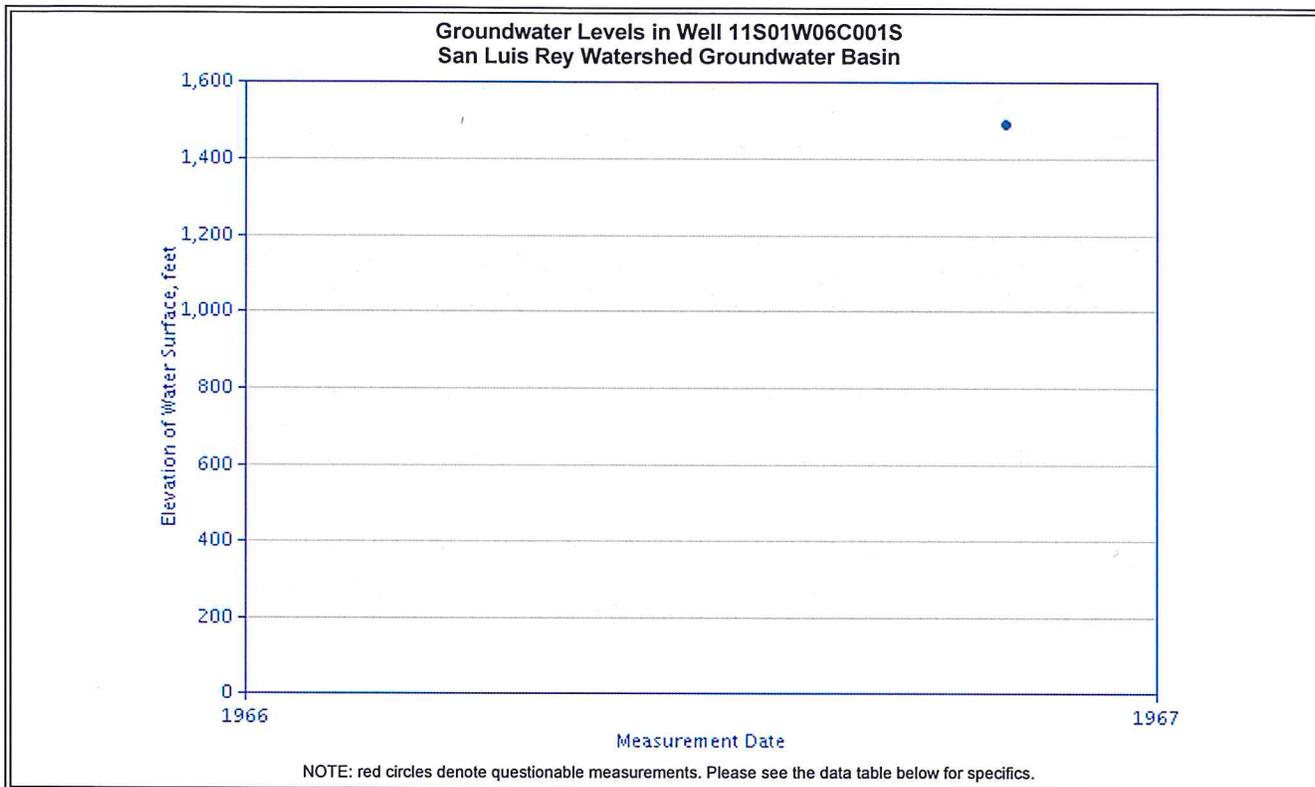
Lat: -117.025, Long: 33.254





## Groundwater Level Data for Well 11S01W06C001S

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
11-01-1966	1515.0	1515.0	24.0	1491.0	24.0			5000	

Well Coordinates					
Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	497614	3679380	metres	11
LL	NAD27	117.0248	33.2534	decimal degrees	
LL	NAD83	117.0257	33.2534	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
- 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

**Site Type**

Select the desired site type using the checkboxes

Groundwater Level

Water Quality

Include Historic Data

Continuous Data

**Cursor Coordinates (WGS84)**

Lat: -117.019, Long: 33.254

Select Basemap

Cal-Atlas, City of Poway, IPC, NHD, SANDAG, SanGIS, Esri

## Groundwater Level Data for Well 11S01W06H002S

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
11-01-1966	1570.0	1570.0	35.0	1535.0	35.0			5000	

Well Coordinates					
Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	498287	3679319	metres	11
LL	NAD27	117.0175	33.2528	decimal degrees	
LL	NAD83	117.0184	33.2528	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

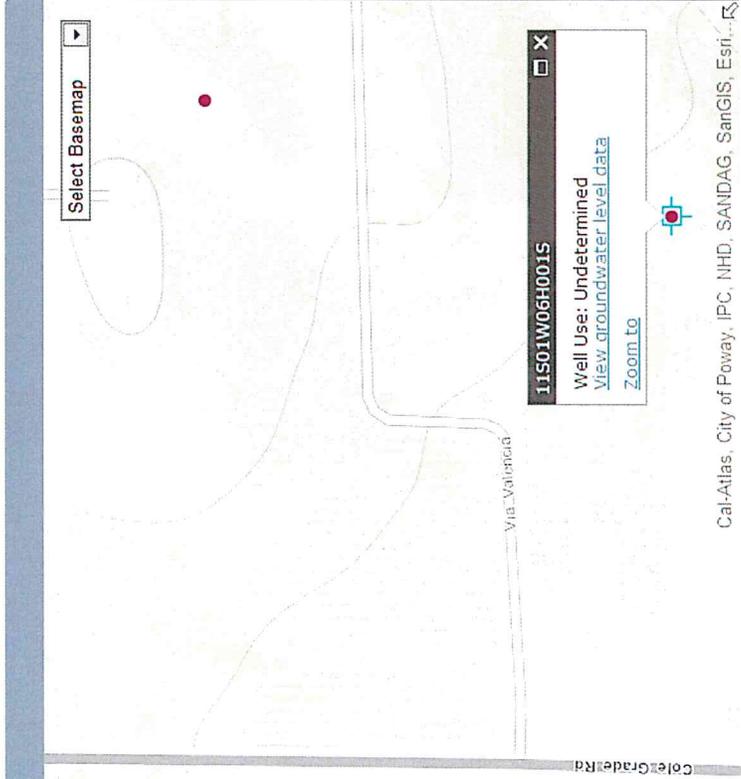


#### Site Type

- Select the desired site type using the checkboxes
- Groundwater Level
  - Water Quality
  - Continuous Data
  - Include Historic Data

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

**Cursor Coordinates (WGS84)**  
 Lat: -117.020, Long: 33.250



Cal-Atlas, City of Poway, IPC, NHD, SANDAG, SanGIS, Esri

## Groundwater Level Data for Well 11So1Wo6H001S

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
08-01-1966	1505.0	1505.0	5.0	1500.0	5.0			5000	

Well Coordinates					
Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	498209	3678980	metres	11
LL	NAD27	117.0184	33.2498	decimal degrees	
LL	NAD83	117.0193	33.2498	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

- [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

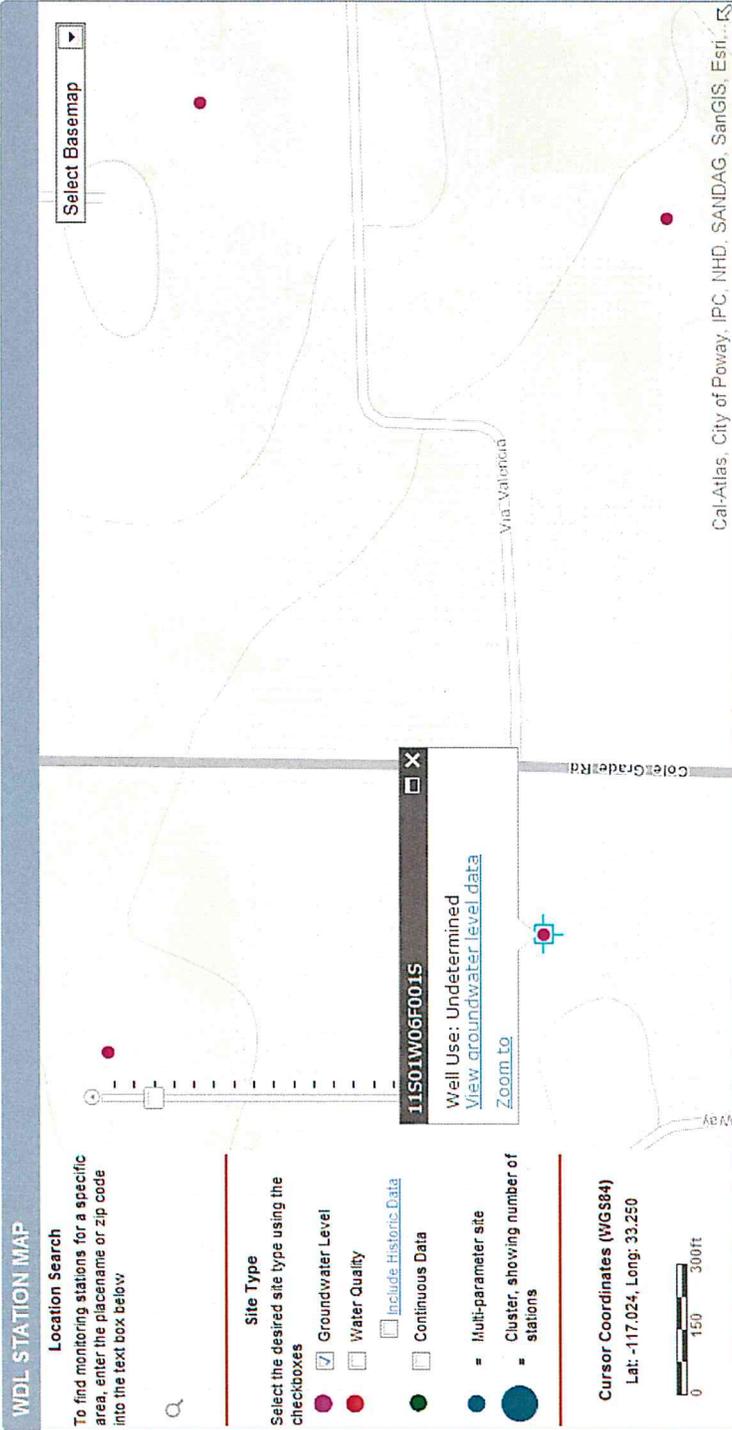
**Location Search**  
 To find monitoring stations for a specific area, enter the placename or zip code into the text box below

#### Site Type

Select the desired site type using the checkboxes

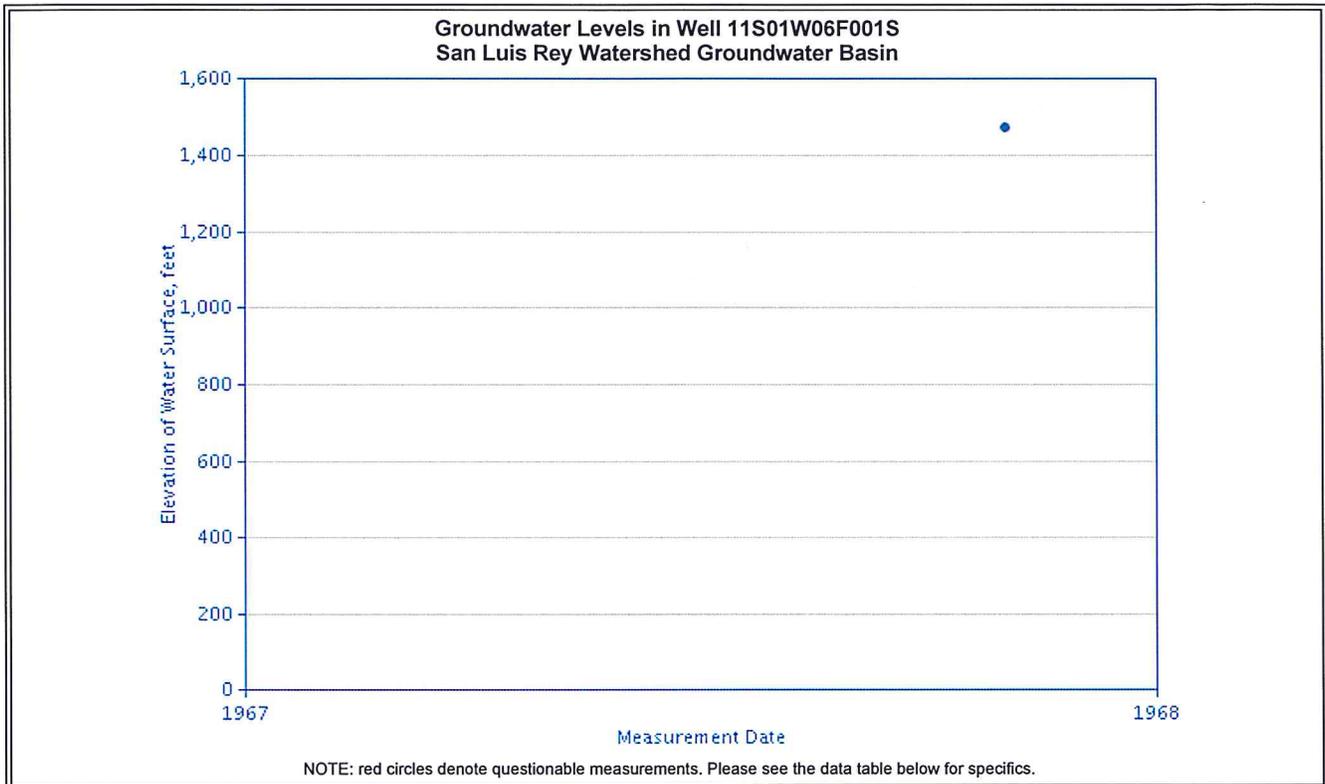
- Groundwater Level
- Water Quality
- Continuous Data
- Multi-parameter site
- Cluster, showing number of stations

**Cursor Coordinates (WGS84)**  
 Lat: -117.024, Long: 33.250



## Groundwater Level Data for Well 11S01W06F001S

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
11-01-1967	1480.0	1480.0	8.0	1472.0	8.0			5000	

Well Coordinates					
Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	497692	3679072	metres	11
LL	NAD27	117.0239	33.2506	decimal degrees	
LL	NAD83	117.0248	33.2506	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.

# APPENDIX C

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## EDR HISTORICAL REPORTS

**11-Acre Parcel**

NE Intersection Cole Grade Rd. and Via Valencia  
Valley Center, CA 92082

Inquiry Number: 03667373.2r  
July 16, 2013

**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

NE INTERSECTION COLE GRADE RD. AND VIA VALENCIA  
VALLEY CENTER, CA 92082

#### COORDINATES

Latitude (North): 33.2517000 - 33° 15' 6.12"  
Longitude (West): 117.0222000 - 117° 1' 19.92"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 497932.0  
UTM Y (Meters): 3678999.2  
Elevation: 1513 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33117-C1 PALA, CA  
Most Recent Revision: 1988  
  
South Map: 33117-B1 VALLEY CENTER, CA  
Most Recent Revision: 2000

### AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2012  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

#### *Federal NPL site list*

NPL..... National Priority List

## EXECUTIVE SUMMARY

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

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

Delisted NPL..... National Priority List Deletions

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

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

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

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

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

CORRACTS..... Corrective Action Report

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

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

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

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

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

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls  
LUCIS..... Land Use Control Information System

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

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

RESPONSE..... State Response Sites

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

ENVIROSTOR..... EnviroStor Database

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

SWF/LF..... Solid Waste Information System

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

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

## EXECUTIVE SUMMARY

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

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

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

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

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

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

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

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

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

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

US CDL..... Clandestine Drug Labs  
HIST Cal-Sites..... Historical Calsites Database  
SCH..... School Property Evaluation Program  
Toxic Pits..... Toxic Pits Cleanup Act Sites  
CDL..... Clandestine Drug Labs  
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
SPILLS 90.....	SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

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

## EXECUTIVE SUMMARY

PCB TRANSFORMER..... PCB Transformer Registration Database  
PROC..... Certified Processors Database

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP..... EDR Proprietary Manufactured Gas Plants  
EDR US Hist Auto Stat..... EDR Exclusive Historic Gas Stations  
EDR US Hist Cleaners..... EDR Exclusive Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

### STANDARD ENVIRONMENTAL RECORDS

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

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

A review of the SAN DIEGO CO. SAM list, as provided by EDR, and dated 03/23/2010 has revealed that there is 1 SAN DIEGO CO. SAM site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>MILENKO &amp; LYDIA NASTICH</i></b>	<b><i>30118 MILLER RD</i></b>	<b><i>N 1/4 - 1/2 (0.316 mi.)</i></b>	<b><i>1</i></b>	<b><i>8</i></b>

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

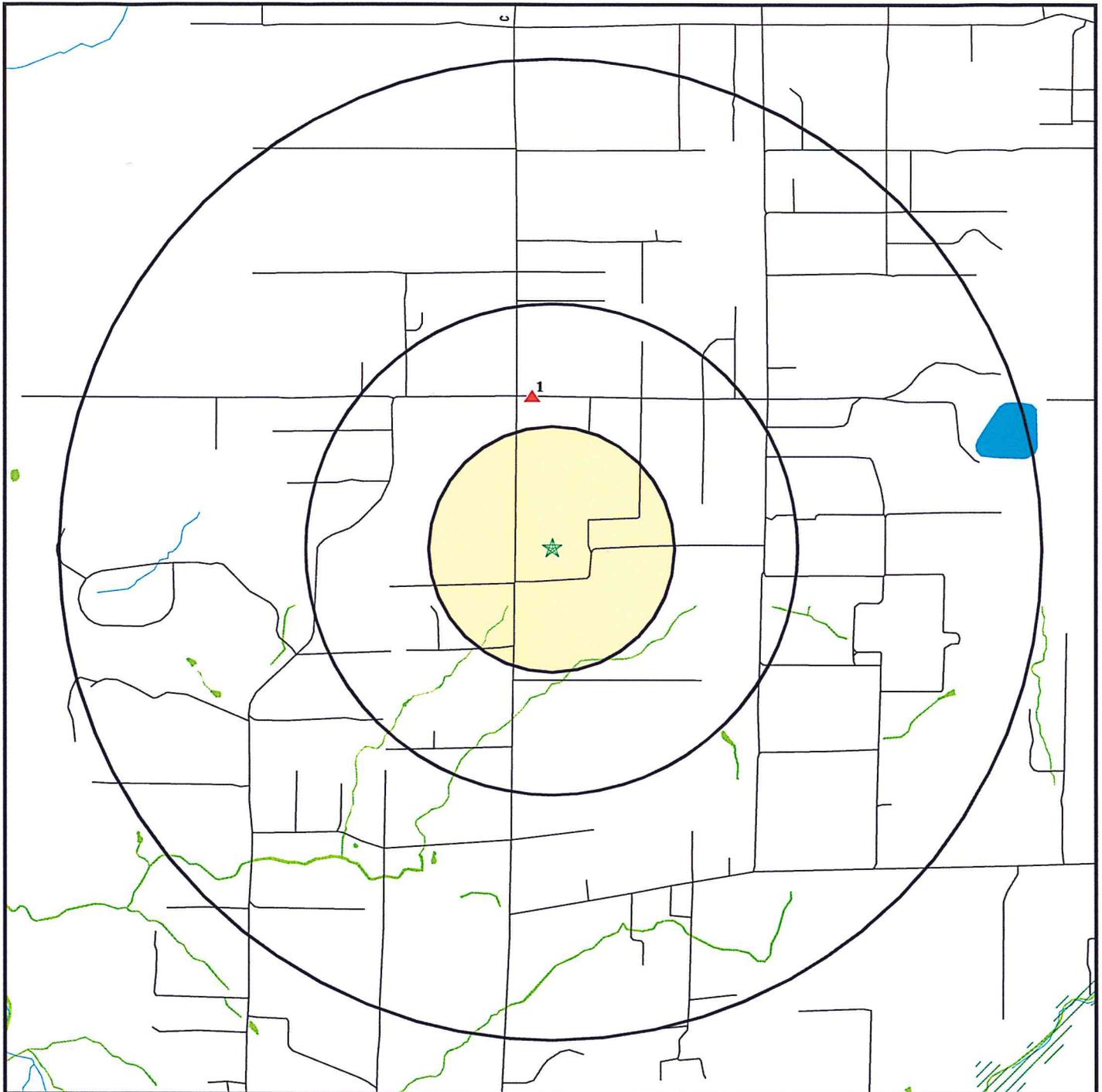
Site Name

COUTNY OF SAN DIEGO ASSESSORS PARC  
VALLEY CENTER LANDFILL  
CITRUS GROVE  
LA JOLLA TRADING POST

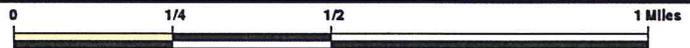
Database(s)

NPDES  
SWF/LF  
HIST UST  
INDIAN UST

# OVERVIEW MAP - 03667373.2r



- ★ 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

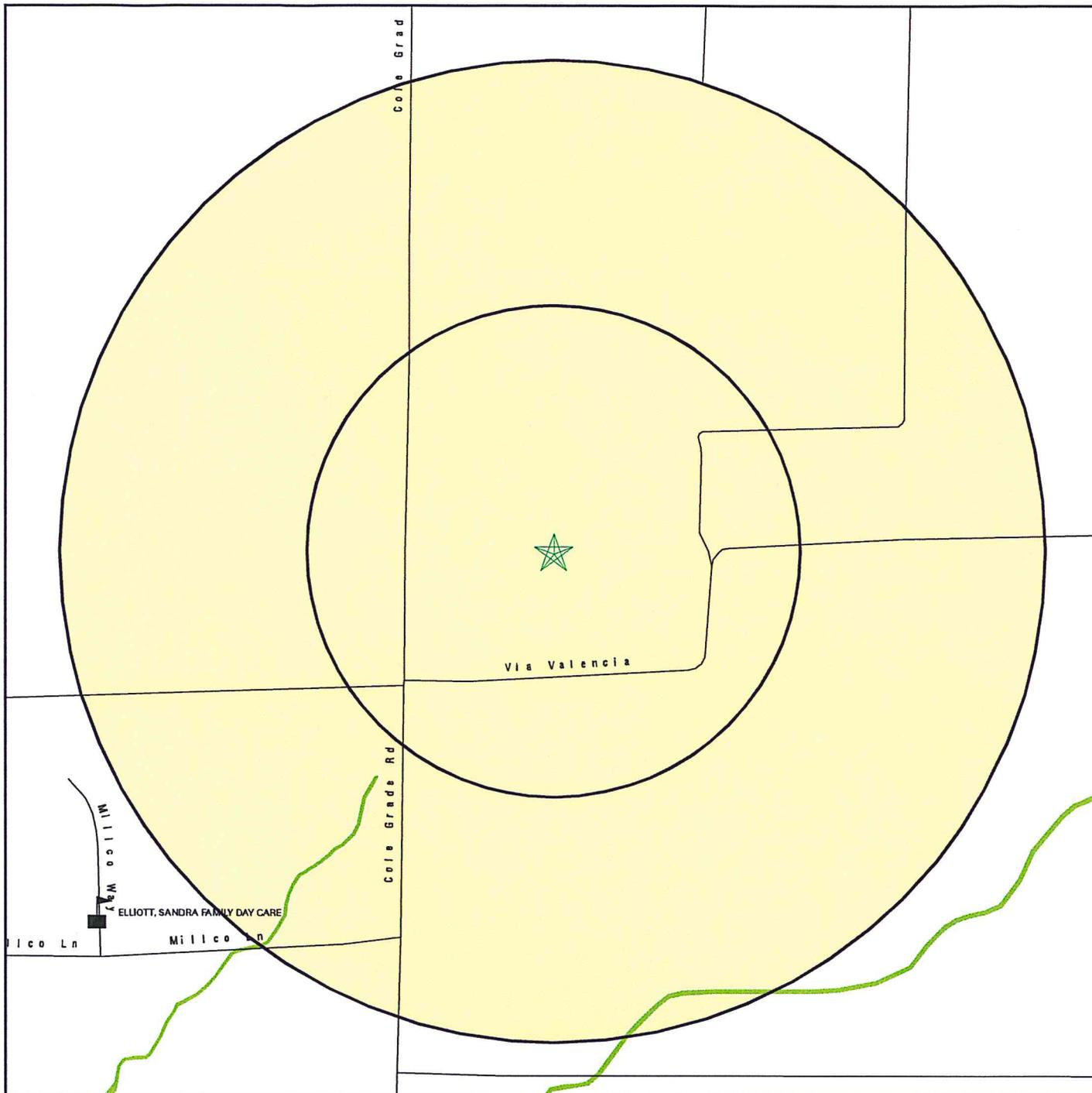


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 11-Acre Parcel  
 ADDRESS: NE Intersection Cole Grade Rd. and Via Valencia  
 Valley Center CA 92082  
 LAT/LONG: 33.2517 / 117.0222

CLIENT: Petra Geotechnical Inc  
 CONTACT: Jon Cain  
 INQUIRY #: 03667373.2r  
 DATE: July 16, 2013 6:44 pm

# DETAIL MAP - 03667373.2r



- ★ 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
- ⚡ Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory

☒ Areas of Concern

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

SITE NAME: 11-Acre Parcel  
 ADDRESS: NE Intersection Cole Grade Rd. and Via Valencia  
 Valley Center CA 92082  
 LAT/LONG: 33.2517 / 117.0222

CLIENT: Petra Geotechnical Inc  
 CONTACT: Jon Cain  
 INQUIRY #: 03667373.2r  
 DATE: July 16, 2013 6:46 pm

## MAP FINDINGS SUMMARY

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

## 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
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0

## 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>
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

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

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

<p><b>1</b>                  North                  1/4-1/2                  0.316 mi.                  1667 ft.</p> <p><b>Relative:                  Higher</b></p> <p><b>Actual:                  1604 ft.</b></p>	<p><b>MILENKO &amp; LYDIA NASTICH</b>                  30118 MILLER RD                  VALLEY CENTER, CA 92082</p> <p>CDL:                  Facility ID: 200811015                  Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.</p>	<p><b>SAN DIEGO CO. SAM</b></p>	<p><b>CDL S109599103</b>                  N/A</p>
--	---	---------------------------------	---

**SAN DIEGO CO. SAM:**

Case Number:	2008-606-001
Agency:	DEH Site Assessment & Mitigation
<b>Funding:</b>	<b>MLCP</b>
Facility Type:	Complaint
Facility Status:	Closed Case
Date:	9/9/2009
Date Began:	11/7/2008

Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PAUMA VALLEY	U001572378	CITRUS GROVE	N.W. CORNER OF COLE GRADE RD.	92082	HIST UST
SAN DIEGO	S110732752	COUNTY OF SAN DIEGO ASSESSORS PARC	BURNT MOUNTAIN ROAD BETSWORTH	92082	NPDES
VALLEY CENTER	1008993157	LA JOLLA TRADING POST	22000 HWY 76	92082	INDIAN UST
VALLEY CENTER	S105155595	VALLEY CENTER LANDFILL	28700 BLK AERIE RD		SWF/LF

# 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: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

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

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

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

#### NPL LIENS: Federal Superfund Liens

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## *Federal Delisted NPL site list*

### DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

## *Federal CERCLIS list*

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

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

Date of Government Version: 02/04/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/29/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 09/09/2013
	Data Release Frequency: Quarterly

### FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 07/08/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/21/2013
	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: 02/05/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/29/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 05/09/2013
	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: 02/12/2013  
Date Data Arrived at EDR: 02/21/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 6

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 07/01/2013  
Next Scheduled EDR Contact: 10/14/2013  
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: 02/12/2013  
Date Data Arrived at EDR: 02/15/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 12

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 07/01/2013  
Next Scheduled EDR Contact: 10/14/2013  
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: 02/12/2013  
Date Data Arrived at EDR: 02/15/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 12

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 07/01/2013  
Next Scheduled EDR Contact: 10/14/2013  
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: 02/12/2013  
Date Data Arrived at EDR: 02/15/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 12

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 07/01/2013  
Next Scheduled EDR Contact: 10/14/2013  
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: 02/12/2013  
Date Data Arrived at EDR: 02/15/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 12

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 07/01/2013  
Next Scheduled EDR Contact: 10/14/2013  
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: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 06/10/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/23/2013
	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: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 06/10/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/23/2013
	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: 05/20/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/02/2013
	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: 12/31/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/17/2013	Telephone: 202-267-2180
Date Made Active in Reports: 02/15/2013	Last EDR Contact: 07/01/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/14/2013
	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: 05/06/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/07/2013	Telephone: 916-323-3400
Date Made Active in Reports: 06/25/2013	Last EDR Contact: 05/07/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/19/2013
	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: 05/06/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/07/2013	Telephone: 916-323-3400
Date Made Active in Reports: 06/25/2013	Last EDR Contact: 05/07/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/19/2013
	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: 05/20/2013	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 05/21/2013	Telephone: 916-341-6320
Date Made Active in Reports: 06/25/2013	Last EDR Contact: 05/21/2013
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/02/2013
	Data Release Frequency: Quarterly

## *State and tribal leaking storage tank lists*

### LUST REG 8: Leaking Underground Storage Tanks

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

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

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

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

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

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 09/09/2003  
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 4: Underground Storage Tank Leak List

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

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

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

## LUST REG 3: Leaking Underground Storage Tank Database

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

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

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

## LUST REG 2: Fuel Leak List

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

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

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

## LUST REG 1: Active Toxic Site Investigation

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 06/17/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/17/2013	Telephone: see region list
Date Made Active in Reports: 06/27/2013	Last EDR Contact: 06/17/2013
Number of Days to Update: 10	Next Scheduled EDR Contact: 09/30/2013
	Data Release Frequency: Quarterly

## LUST REG 9: Leaking Underground Storage Tank Report

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

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

## SLIC: Statewide SLIC Cases

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

Date of Government Version: 06/17/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/17/2013	Telephone: 866-480-1028
Date Made Active in Reports: 06/27/2013	Last EDR Contact: 06/17/2013
Number of Days to Update: 10	Next Scheduled EDR Contact: 09/30/2013
	Data Release Frequency: Varies

## SLIC REG 1: Active Toxic Site Investigations

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

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

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

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

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

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

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 11/17/2004

Date Data Arrived at EDR: 11/18/2004

Date Made Active in Reports: 01/04/2005

Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600

Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011

Data Release Frequency: Varies

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

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

Date of Government Version: 04/01/2005

Date Data Arrived at EDR: 04/05/2005

Date Made Active in Reports: 04/21/2005

Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-3291

Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011

Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 05/24/2005

Date Data Arrived at EDR: 05/25/2005

Date Made Active in Reports: 06/16/2005

Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583

Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011

Data Release Frequency: Semi-Annually

### SLIC REG 6L: SLIC Sites

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

Date of Government Version: 09/07/2004

Date Data Arrived at EDR: 09/07/2004

Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574

Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011

Data Release Frequency: No Update Planned

### SLIC REG 7: SLIC List

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

Date of Government Version: 11/24/2004

Date Data Arrived at EDR: 11/29/2004

Date Made Active in Reports: 01/04/2005

Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491

Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011

Data Release Frequency: No Update Planned

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

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

Date of Government Version: 04/03/2008

Date Data Arrived at EDR: 04/03/2008

Date Made Active in Reports: 04/14/2008

Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 951-782-3298

Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011

Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/05/2013  
Date Data Arrived at EDR: 02/06/2013  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 65

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 04/29/2013  
Next Scheduled EDR Contact: 08/12/2013  
Data Release Frequency: Quarterly

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

Date of Government Version: 09/28/2012  
Date Data Arrived at EDR: 11/01/2012  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 162

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 05/01/2013  
Next Scheduled EDR Contact: 08/12/2013  
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: 04/29/2013  
Next Scheduled EDR Contact: 08/12/2013  
Data Release Frequency: Quarterly

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

Date of Government Version: 09/12/2011  
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: 04/29/2013  
Next Scheduled EDR Contact: 08/12/2013  
Data Release Frequency: Varies

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

Date of Government Version: 02/06/2013  
Date Data Arrived at EDR: 02/08/2013  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 63

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 04/29/2013  
Next Scheduled EDR Contact: 08/12/2013  
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 02/28/2013  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 43

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 04/29/2013  
Next Scheduled EDR Contact: 08/12/2013  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/12/2013
	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: 06/17/2013	Source: SWRCB
Date Data Arrived at EDR: 06/17/2013	Telephone: 916-341-5851
Date Made Active in Reports: 06/27/2013	Last EDR Contact: 06/17/2013
Number of Days to Update: 10	Next Scheduled EDR Contact: 09/30/2013
	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: 07/03/2013
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/21/2013
	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: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 08/12/2013
	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: 02/21/2013	Source: EPA Region 9
Date Data Arrived at EDR: 02/26/2013	Telephone: 415-972-3368
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6137
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 04/29/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/12/2013
	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: 04/29/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 08/02/2012	Source: EPA Region 5
Date Data Arrived at EDR: 08/03/2012	Telephone: 312-886-6136
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 04/29/2013
Number of Days to Update: 94	Next Scheduled EDR Contact: 08/12/2013
	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: 02/06/2013	Source: EPA Region 4
Date Data Arrived at EDR: 02/08/2013	Telephone: 404-562-9424
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 11/07/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 156	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/18/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## *State and tribal voluntary cleanup sites*

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

### VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 05/06/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/07/2013	Telephone: 916-323-3400
Date Made Active in Reports: 06/25/2013	Last EDR Contact: 05/07/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/19/2013
	Data Release Frequency: Quarterly

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 10/02/2012	Telephone: 617-918-1102
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/02/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/14/2013
	Data Release Frequency: Varies

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### *Local Brownfield lists*

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

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

Date of Government Version: 12/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/11/2012	Telephone: 202-566-2777
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 06/25/2013
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/07/2013
	Data Release Frequency: Semi-Annually

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

#### ODI: Open Dump Inventory

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 01/12/2009	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: 04/29/2013
Number of Days to Update: 137	Next Scheduled EDR Contact: 08/12/2013
	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: 05/10/2013
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/26/2013
	Data Release Frequency: No Update Planned

### SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/18/2013	Source: Department of Conservation
Date Data Arrived at EDR: 03/19/2013	Telephone: 916-323-3836
Date Made Active in Reports: 03/27/2013	Last EDR Contact: 06/17/2013
Number of Days to Update: 8	Next Scheduled EDR Contact: 09/30/2013
	Data Release Frequency: Quarterly

### HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 04/26/2013	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 04/26/2013	Telephone: 916-341-6422
Date Made Active in Reports: 05/16/2013	Last EDR Contact: 06/25/2013
Number of Days to Update: 20	Next Scheduled EDR Contact: 09/02/2013
	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: 05/03/2013
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/19/2013
	Data Release Frequency: Varies

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

#### US CDL: Clandestine Drug Labs

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/04/2013  
Date Data Arrived at EDR: 03/12/2013  
Date Made Active in Reports: 05/10/2013  
Number of Days to Update: 59

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 06/03/2013  
Next Scheduled EDR Contact: 09/16/2013  
Data Release Frequency: Quarterly

## HIST CAL-SITES: Calsites Database

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

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

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

## SCH: School Property Evaluation Program

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

Date of Government Version: 05/06/2013  
Date Data Arrived at EDR: 05/07/2013  
Date Made Active in Reports: 06/25/2013  
Number of Days to Update: 49

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 05/07/2013  
Next Scheduled EDR Contact: 08/19/2013  
Data Release Frequency: Quarterly

## TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

## CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 04/03/2013  
Date Made Active in Reports: 05/14/2013  
Number of Days to Update: 41

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 06/25/2013  
Next Scheduled EDR Contact: 10/14/2013  
Data Release Frequency: Varies

## US HIST CDL: National Clandestine Laboratory Register

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### CA FID UST: Facility Inventory Database

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

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

### UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 06/03/2013
Number of Days to Update: 8	Next Scheduled EDR Contact: 09/16/2013
	Data Release Frequency: Annually

### HIST UST: Hazardous Substance Storage Container Database

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

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

### SWEEPS UST: SWEEPS UST Listing

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

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

## **Local Land Records**

### LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/06/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/25/2013	Telephone: 202-564-6023
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/12/2013
	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: 03/15/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/15/2013	Telephone: 916-323-3400
Date Made Active in Reports: 03/27/2013	Last EDR Contact: 06/10/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 09/23/2013
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### DEED: Deed Restriction Listing

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

Date of Government Version: 03/11/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/12/2013	Telephone: 916-323-3400
Date Made Active in Reports: 03/25/2013	Last EDR Contact: 06/11/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/23/2013
	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: 12/31/2012	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/03/2013	Telephone: 202-366-4555
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 07/01/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/14/2013
	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: 03/12/2013	Source: Office of Emergency Services
Date Data Arrived at EDR: 05/01/2013	Telephone: 916-845-8400
Date Made Active in Reports: 06/25/2013	Last EDR Contact: 05/01/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/12/2013
	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: 06/17/2013	Source: State Water Quality Control Board
Date Data Arrived at EDR: 06/17/2013	Telephone: 866-480-1028
Date Made Active in Reports: 06/27/2013	Last EDR Contact: 06/17/2013
Number of Days to Update: 10	Next Scheduled EDR Contact: 09/30/2013
	Data Release Frequency: Quarterly

#### MCS: Military Cleanup Sites Listing

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

Date of Government Version: 06/17/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/17/2013	Telephone: 866-480-1028
Date Made Active in Reports: 06/27/2013	Last EDR Contact: 06/17/2013
Number of Days to Update: 10	Next Scheduled EDR Contact: 09/30/2013
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non Generators

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

Date of Government Version: 02/12/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/15/2013	Telephone: (415) 495-8895
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 07/01/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 10/14/2013
	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: 05/07/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/19/2013
	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: 04/19/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/29/2013
	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: 12/31/2011	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/26/2013	Telephone: 202-528-4285
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 06/10/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 09/23/2013
	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: 12/31/2011  
Date Data Arrived at EDR: 01/15/2013  
Date Made Active in Reports: 03/13/2013  
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 06/25/2013  
Next Scheduled EDR Contact: 10/14/2013  
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: 12/18/2012  
Date Data Arrived at EDR: 03/13/2013  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 30

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 06/11/2013  
Next Scheduled EDR Contact: 09/23/2013  
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: 05/28/2013  
Next Scheduled EDR Contact: 09/09/2013  
Data Release Frequency: Varies

### US MINES: Mines Master Index File

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

Date of Government Version: 02/05/2013  
Date Data Arrived at EDR: 04/18/2013  
Date Made Active in Reports: 05/10/2013  
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 06/04/2013  
Next Scheduled EDR Contact: 09/16/2013  
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: 05/29/2013  
Next Scheduled EDR Contact: 09/09/2013  
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: 06/25/2013  
Next Scheduled EDR Contact: 10/07/2013  
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: 05/28/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/09/2013
	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: 05/28/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/09/2013
	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: 04/29/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/12/2013
	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: 07/01/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: 10/28/2013
	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: 11/01/2012	Source: EPA
Date Data Arrived at EDR: 01/16/2013	Telephone: 202-566-0500
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/19/2013
Number of Days to Update: 114	Next Scheduled EDR Contact: 07/29/2013
	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: 03/14/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/20/2013	Telephone: 301-415-7169
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 07/10/2013
Number of Days to Update: 112	Next Scheduled EDR Contact: 09/23/2013
	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: 04/09/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/11/2013	Telephone: 202-343-9775
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 07/12/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/21/2013
	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: 03/08/2013	Source: EPA
Date Data Arrived at EDR: 03/21/2013	Telephone: (415) 947-8000
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 06/13/2013
Number of Days to Update: 111	Next Scheduled EDR Contact: 09/23/2013
	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

### RMP: Risk Management Plans

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

Date of Government Version: 05/08/2012  
Date Data Arrived at EDR: 05/25/2012  
Date Made Active in Reports: 07/10/2012  
Number of Days to Update: 46

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 04/29/2013  
Next Scheduled EDR Contact: 08/12/2013  
Data Release Frequency: Varies

### BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 02/26/2013  
Date Made Active in Reports: 04/19/2013  
Number of Days to Update: 52

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 05/30/2013  
Next Scheduled EDR Contact: 09/09/2013  
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

### NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/20/2013  
Date Data Arrived at EDR: 05/21/2013  
Date Made Active in Reports: 06/12/2013  
Number of Days to Update: 22

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 05/21/2013  
Next Scheduled EDR Contact: 09/02/2013  
Data Release Frequency: Quarterly

### UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 03/05/2013  
Date Data Arrived at EDR: 03/19/2013  
Date Made Active in Reports: 03/27/2013  
Number of Days to Update: 8

Source: Department of Conservation  
Telephone: 916-445-2408  
Last EDR Contact: 06/21/2013  
Next Scheduled EDR Contact: 12/31/2012  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 04/01/2013	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 04/02/2013	Telephone: 916-323-3400
Date Made Active in Reports: 05/14/2013	Last EDR Contact: 07/05/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 10/14/2013
	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 [CALSTITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 06/18/2013
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/07/2013
	Data Release Frequency: No Update Planned

### DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 12/11/2012	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 12/12/2012	Telephone: 916-327-4498
Date Made Active in Reports: 01/04/2013	Last EDR Contact: 06/18/2013
Number of Days to Update: 23	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	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 06/25/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/14/2013
	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: 04/26/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/29/2013	Telephone: 916-445-9379
Date Made Active in Reports: 05/16/2013	Last EDR Contact: 04/26/2013
Number of Days to Update: 17	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 06/22/2012	Telephone: 916-255-1136
Date Made Active in Reports: 07/06/2012	Last EDR Contact: 07/16/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Annually

### EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2008	Source: California Air Resources Board
Date Data Arrived at EDR: 09/29/2010	Telephone: 916-322-2990
Date Made Active in Reports: 10/18/2010	Last EDR Contact: 06/25/2013
Number of Days to Update: 19	Next Scheduled EDR Contact: 10/07/2013
	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: 04/19/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/29/2013
	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: 05/06/2013
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/05/2013
	Data Release Frequency: Varies

### US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 03/04/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/15/2013	Telephone: 202-566-1917
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 05/20/2013
Number of Days to Update: 56	Next Scheduled EDR Contact: 09/02/2013
	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: 05/03/2013
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/18/2013  
Date Data Arrived at EDR: 03/19/2013  
Date Made Active in Reports: 03/27/2013  
Number of Days to Update: 8

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 06/17/2013  
Next Scheduled EDR Contact: 09/30/2013  
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: 03/06/2013  
Date Data Arrived at EDR: 03/12/2013  
Date Made Active in Reports: 03/25/2013  
Number of Days to Update: 13

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 06/10/2013  
Next Scheduled EDR Contact: 09/23/2013  
Data Release Frequency: Varies

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

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

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

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 04/18/2013  
Next Scheduled EDR Contact: 07/29/2013  
Data Release Frequency: Varies

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

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

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

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 06/14/2013  
Next Scheduled EDR Contact: 09/23/2013  
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: 04/15/2013  
Date Data Arrived at EDR: 04/16/2013  
Date Made Active in Reports: 05/17/2013  
Number of Days to Update: 31

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 07/16/2013  
Next Scheduled EDR Contact: 10/28/2013  
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: 05/28/2013  
Date Data Arrived at EDR: 05/29/2013  
Date Made Active in Reports: 06/27/2013  
Number of Days to Update: 29

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 05/29/2013  
Next Scheduled EDR Contact: 09/09/2013  
Data Release Frequency: Quarterly

### Financial Assurance 2: Financial Assurance Information Listing

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/21/2013  
Date Data Arrived at EDR: 05/22/2013  
Date Made Active in Reports: 06/27/2013  
Number of Days to Update: 36

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 05/20/2013  
Next Scheduled EDR Contact: 09/02/2013  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing Financial Assurance information

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

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 05/03/2013  
Next Scheduled EDR Contact: 08/12/2013  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013  
Date Data Arrived at EDR: 02/14/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 13

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 07/03/2013  
Next Scheduled EDR Contact: 10/21/2013  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2011  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## 2020 COR ACTION: 2020 Corrective Action Program List

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

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

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 05/17/2013  
Next Scheduled EDR Contact: 08/26/2013  
Data Release Frequency: Varies

## FEDLAND: Federal and Indian Lands

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

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

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 04/19/2013  
Next Scheduled EDR Contact: 07/29/2013  
Data Release Frequency: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/18/2012	Source: EPA
Date Data Arrived at EDR: 04/04/2013	Telephone: 202-564-6023
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 07/03/2013
Number of Days to Update: 97	Next Scheduled EDR Contact: 10/14/2013
	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: 05/28/2013
Number of Days to Update: 9	Next Scheduled EDR Contact: 09/09/2013
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 01/23/2013	Source: EPA
Date Data Arrived at EDR: 01/30/2013	Telephone: 202-564-5962
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 06/25/2013
Number of Days to Update: 100	Next Scheduled EDR Contact: 10/14/2013
	Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/23/2013	Source: EPA
Date Data Arrived at EDR: 01/30/2013	Telephone: 202-564-5962
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 06/25/2013
Number of Days to Update: 100	Next Scheduled EDR Contact: 10/14/2013
	Data Release Frequency: Annually

## EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 12/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2013	Telephone: 617-520-3000
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 05/10/2013
Number of Days to Update: 81	Next Scheduled EDR Contact: 08/26/2013
	Data Release Frequency: Quarterly

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

### EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

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

Date of Government Version: N/A	Source: N/A
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

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

Date of Government Version: N/A	Source: N/A
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 04/15/2013  
Date Data Arrived at EDR: 04/16/2013  
Date Made Active in Reports: 05/16/2013  
Number of Days to Update: 30

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 06/28/2013  
Next Scheduled EDR Contact: 10/14/2013  
Data Release Frequency: Semi-Annually

#### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/15/2013  
Date Data Arrived at EDR: 04/16/2013  
Date Made Active in Reports: 05/16/2013  
Number of Days to Update: 30

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 06/28/2013  
Next Scheduled EDR Contact: 10/14/2013  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

#### CUPA Facility List

Cupa Facility List

Date of Government Version: 03/13/2013  
Date Data Arrived at EDR: 03/14/2013  
Date Made Active in Reports: 04/04/2013  
Number of Days to Update: 21

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 06/18/2013  
Next Scheduled EDR Contact: 09/23/2013  
Data Release Frequency: Varies

### BUTTE COUNTY:

#### 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: 07/15/2013  
Next Scheduled EDR Contact: 10/28/2013  
Data Release Frequency: Varies

### CALVERAS COUNTY:

#### CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 04/16/2013  
Date Data Arrived at EDR: 04/17/2013  
Date Made Active in Reports: 05/16/2013  
Number of Days to Update: 29

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 06/25/2013  
Next Scheduled EDR Contact: 10/14/2013  
Data Release Frequency: Quarterly

### COLUSA COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CUPA Facility List

Cupa facility list.

Date of Government Version: 01/04/2013  
Date Data Arrived at EDR: 01/14/2013  
Date Made Active in Reports: 03/01/2013  
Number of Days to Update: 46

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 06/13/2013  
Next Scheduled EDR Contact: 08/26/2013  
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: 04/09/2013  
Date Data Arrived at EDR: 04/10/2013  
Date Made Active in Reports: 05/14/2013  
Number of Days to Update: 34

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 05/06/2013  
Next Scheduled EDR Contact: 08/19/2013  
Data Release Frequency: Semi-Annually

### DEL NORTE COUNTY:

#### CUPA Facility List

Cupa Facility list

Date of Government Version: 01/09/2013  
Date Data Arrived at EDR: 01/10/2013  
Date Made Active in Reports: 02/25/2013  
Number of Days to Update: 46

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 05/06/2013  
Next Scheduled EDR Contact: 08/19/2013  
Data Release Frequency: Varies

### EL DORADO COUNTY:

#### CUPA Facility List

CUPA facility list.

Date of Government Version: 05/20/2013  
Date Data Arrived at EDR: 05/21/2013  
Date Made Active in Reports: 06/25/2013  
Number of Days to Update: 35

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 05/06/2013  
Next Scheduled EDR Contact: 08/19/2013  
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: 03/31/2013  
Date Data Arrived at EDR: 04/16/2013  
Date Made Active in Reports: 05/16/2013  
Number of Days to Update: 30

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 07/15/2013  
Next Scheduled EDR Contact: 10/28/2013  
Data Release Frequency: Semi-Annually

### HUMBOLDT COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CUPA Facility List

CUPA facility list.

Date of Government Version: 03/15/2013  
Date Data Arrived at EDR: 03/19/2013  
Date Made Active in Reports: 03/27/2013  
Number of Days to Update: 8

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 05/28/2013  
Next Scheduled EDR Contact: 09/09/2013  
Data Release Frequency: Varies

### IMPERIAL COUNTY:

#### CUPA Facility List

Cupa facility list.

Date of Government Version: 04/30/2013  
Date Data Arrived at EDR: 07/05/2013  
Date Made Active in Reports: 07/15/2013  
Number of Days to Update: 10

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 04/29/2013  
Next Scheduled EDR Contact: 08/12/2013  
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: 05/28/2013  
Next Scheduled EDR Contact: 09/09/2013  
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: 05/10/2013  
Next Scheduled EDR Contact: 08/26/2013  
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: 02/12/2013  
Date Data Arrived at EDR: 02/13/2013  
Date Made Active in Reports: 03/21/2013  
Number of Days to Update: 36

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 06/10/2013  
Next Scheduled EDR Contact: 09/09/2013  
Data Release Frequency: Varies

### LAKE COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CUPA Facility List

Cupa facility list

Date of Government Version: 01/23/2013  
Date Data Arrived at EDR: 01/25/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 33

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 04/19/2013  
Next Scheduled EDR Contact: 08/05/2013  
Data Release Frequency: Varies

### LOS ANGELES COUNTY:

#### San Gabriel Valley Areas of Concern

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

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

Source: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 07/08/2013  
Next Scheduled EDR Contact: 10/07/2013  
Data Release Frequency: No Update Planned

#### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/31/2012  
Date Data Arrived at EDR: 12/28/2012  
Date Made Active in Reports: 01/25/2013  
Number of Days to Update: 28

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 07/15/2013  
Next Scheduled EDR Contact: 10/28/2013  
Data Release Frequency: Semi-Annually

#### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/24/2013  
Date Data Arrived at EDR: 04/24/2013  
Date Made Active in Reports: 05/17/2013  
Number of Days to Update: 23

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 04/24/2013  
Next Scheduled EDR Contact: 08/05/2013  
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  
Date Data Arrived at EDR: 03/10/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 29

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 05/20/2013  
Next Scheduled EDR Contact: 09/02/2013  
Data Release Frequency: Varies

#### Site Mitigation List

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

Date of Government Version: 01/30/2013  
Date Data Arrived at EDR: 02/21/2013  
Date Made Active in Reports: 03/25/2013  
Number of Days to Update: 32

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 04/19/2013  
Next Scheduled EDR Contact: 08/05/2013  
Data Release Frequency: Annually

#### City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/22/2013  
Date Data Arrived at EDR: 04/29/2013  
Date Made Active in Reports: 05/17/2013  
Number of Days to Update: 18

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 04/19/2013  
Next Scheduled EDR Contact: 08/05/2013  
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  
Date Data Arrived at EDR: 10/23/2003  
Date Made Active in Reports: 11/26/2003  
Number of Days to Update: 34

Source: City of Long Beach Fire Department  
Telephone: 562-570-2563  
Last EDR Contact: 04/26/2013  
Next Scheduled EDR Contact: 08/12/2013  
Data Release Frequency: Annually

### City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/15/2013  
Date Data Arrived at EDR: 04/16/2013  
Date Made Active in Reports: 05/17/2013  
Number of Days to Update: 31

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 07/15/2013  
Next Scheduled EDR Contact: 10/28/2013  
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: 04/15/2013  
Date Data Arrived at EDR: 04/16/2013  
Date Made Active in Reports: 05/17/2013  
Number of Days to Update: 31

Source: Madera County Environmental Health  
Telephone: 559-675-7823  
Last EDR Contact: 05/28/2013  
Next Scheduled EDR Contact: 09/09/2013  
Data Release Frequency: Varies

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 11/26/2012  
Date Data Arrived at EDR: 11/28/2012  
Date Made Active in Reports: 01/21/2013  
Number of Days to Update: 54

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Last EDR Contact: 07/03/2013  
Next Scheduled EDR Contact: 10/21/2013  
Data Release Frequency: Semi-Annually

## MERCED COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 05/28/2013  
Date Data Arrived at EDR: 05/29/2013  
Date Made Active in Reports: 06/25/2013  
Number of Days to Update: 27

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 02/25/2013  
Next Scheduled EDR Contact: 09/09/2013  
Data Release Frequency: Varies

## MONO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

### CUPA Facility List

Date of Government Version: 06/04/2013  
Date Data Arrived at EDR: 06/05/2013  
Date Made Active in Reports: 07/15/2013  
Number of Days to Update: 40

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 06/03/2013  
Next Scheduled EDR Contact: 09/16/2013  
Data Release Frequency: Varies

## MONTEREY COUNTY:

### CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/14/2013  
Date Data Arrived at EDR: 03/15/2013  
Date Made Active in Reports: 03/27/2013  
Number of Days to Update: 12

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 05/28/2013  
Next Scheduled EDR Contact: 09/09/2013  
Data Release Frequency: Varies

## NAPA COUNTY:

### Sites With Reported Contamination

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

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

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 06/03/2013  
Next Scheduled EDR Contact: 09/16/2013  
Data Release Frequency: No Update Planned

### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

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

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 06/03/2013  
Next Scheduled EDR Contact: 09/16/2013  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 05/29/2013  
Date Data Arrived at EDR: 05/30/2013  
Date Made Active in Reports: 07/15/2013  
Number of Days to Update: 46

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 05/17/2013  
Next Scheduled EDR Contact: 08/19/2013  
Data Release Frequency: Varies

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/01/2013	Source: Health Care Agency
Date Data Arrived at EDR: 05/15/2013	Telephone: 714-834-3446
Date Made Active in Reports: 06/12/2013	Last EDR Contact: 05/10/2013
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/26/2013
	Data Release Frequency: Annually

## List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2013	Source: Health Care Agency
Date Data Arrived at EDR: 05/15/2013	Telephone: 714-834-3446
Date Made Active in Reports: 06/25/2013	Last EDR Contact: 05/10/2013
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/26/2013
	Data Release Frequency: Quarterly

## List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2013	Source: Health Care Agency
Date Data Arrived at EDR: 05/15/2013	Telephone: 714-834-3446
Date Made Active in Reports: 06/25/2013	Last EDR Contact: 05/10/2013
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/26/2013
	Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/12/2013	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 03/13/2013	Telephone: 530-745-2363
Date Made Active in Reports: 03/27/2013	Last EDR Contact: 06/10/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/23/2013
	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: 04/23/2013	Source: Department of Environmental Health
Date Data Arrived at EDR: 04/24/2013	Telephone: 951-358-5055
Date Made Active in Reports: 05/17/2013	Last EDR Contact: 06/18/2013
Number of Days to Update: 23	Next Scheduled EDR Contact: 10/07/2013
	Data Release Frequency: Quarterly

### Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/23/2013	Source: Department of Environmental Health
Date Data Arrived at EDR: 04/24/2013	Telephone: 951-358-5055
Date Made Active in Reports: 05/16/2013	Last EDR Contact: 06/18/2013
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/07/2013
	Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Toxic Site Clean-Up List

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

Date of Government Version: 02/04/2013	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 04/11/2013	Telephone: 916-875-8406
Date Made Active in Reports: 05/14/2013	Last EDR Contact: 07/05/2013
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/21/2013
	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: 02/04/2013	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 04/12/2013	Telephone: 916-875-8406
Date Made Active in Reports: 05/16/2013	Last EDR Contact: 07/05/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/21/2013
	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.

Date of Government Version: 05/30/2013	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 05/31/2013	Telephone: 909-387-3041
Date Made Active in Reports: 07/15/2013	Last EDR Contact: 05/13/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/26/2013
	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	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 08/20/2012	Telephone: 619-338-2268
Date Made Active in Reports: 10/03/2012	Last EDR Contact: 07/15/2013
Number of Days to Update: 44	Next Scheduled EDR Contact: 09/23/2013
	Data Release Frequency: Quarterly

#### Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012	Source: Department of Health Services
Date Data Arrived at EDR: 11/06/2012	Telephone: 619-338-2209
Date Made Active in Reports: 11/30/2012	Last EDR Contact: 04/26/2013
Number of Days to Update: 24	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 06/10/2013  
Next Scheduled EDR Contact: 09/23/2013  
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: 05/10/2013  
Next Scheduled EDR Contact: 08/26/2013  
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: 05/10/2013  
Next Scheduled EDR Contact: 08/26/2013  
Data Release Frequency: Quarterly

### SAN JOAQUIN COUNTY:

#### San Joaquin Co. UST

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

Date of Government Version: 03/25/2013  
Date Data Arrived at EDR: 03/25/2013  
Date Made Active in Reports: 04/18/2013  
Number of Days to Update: 24

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 06/18/2013  
Next Scheduled EDR Contact: 10/07/2013  
Data Release Frequency: Semi-Annually

### SAN LUIS OBISPO COUNTY:

#### CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/04/2013  
Date Data Arrived at EDR: 06/05/2013  
Date Made Active in Reports: 07/15/2013  
Number of Days to Update: 40

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 05/28/2013  
Next Scheduled EDR Contact: 09/09/2013  
Data Release Frequency: Varies

### SAN MATEO COUNTY:

#### Business Inventory

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/09/2013  
Date Data Arrived at EDR: 04/10/2013  
Date Made Active in Reports: 05/14/2013  
Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/13/2013  
Next Scheduled EDR Contact: 09/30/2013  
Data Release Frequency: Annually

### Fuel Leak List

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

Date of Government Version: 03/18/2013  
Date Data Arrived at EDR: 03/19/2013  
Date Made Active in Reports: 03/27/2013  
Number of Days to Update: 8

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/17/2013  
Next Scheduled EDR Contact: 09/30/2013  
Data Release Frequency: Semi-Annually

### SANTA BARBARA COUNTY:

#### CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

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

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 05/20/2013  
Next Scheduled EDR Contact: 06/10/2013  
Data Release Frequency: Varies

### SANTA CLARA COUNTY:

#### Cupa Facility List

Cupa facility list

Date of Government Version: 06/03/2013  
Date Data Arrived at EDR: 06/04/2013  
Date Made Active in Reports: 07/15/2013  
Number of Days to Update: 41

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 06/03/2013  
Next Scheduled EDR Contact: 09/16/2013  
Data Release Frequency: Varies

#### HIST LUST - Fuel Leak Site Activity Report

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

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

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

#### LOP Listing

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

Date of Government Version: 06/03/2013  
Date Data Arrived at EDR: 06/06/2013  
Date Made Active in Reports: 07/15/2013  
Number of Days to Update: 39

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 06/03/2013  
Next Scheduled EDR Contact: 09/16/2013  
Data Release Frequency: Annually

#### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/16/2013  
Date Data Arrived at EDR: 05/17/2013  
Date Made Active in Reports: 06/25/2013  
Number of Days to Update: 39

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 05/13/2013  
Next Scheduled EDR Contact: 08/26/2013  
Data Release Frequency: Annually

### SANTA CRUZ COUNTY:

#### CUPA Facility List

CUPA facility listing.

Date of Government Version: 05/28/2013  
Date Data Arrived at EDR: 05/29/2013  
Date Made Active in Reports: 06/27/2013  
Number of Days to Update: 29

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 05/28/2013  
Next Scheduled EDR Contact: 09/09/2013  
Data Release Frequency: Varies

### SHASTA COUNTY:

#### CUPA Facility List

Cupa Facility List.

Date of Government Version: 03/15/2013  
Date Data Arrived at EDR: 03/15/2013  
Date Made Active in Reports: 03/27/2013  
Number of Days to Update: 12

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 05/28/2013  
Next Scheduled EDR Contact: 09/09/2013  
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: 03/20/2013  
Date Data Arrived at EDR: 03/28/2013  
Date Made Active in Reports: 05/14/2013  
Number of Days to Update: 47

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 06/12/2013  
Next Scheduled EDR Contact: 09/30/2013  
Data Release Frequency: Quarterly

#### Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/20/2013  
Date Data Arrived at EDR: 03/28/2013  
Date Made Active in Reports: 05/13/2013  
Number of Days to Update: 46

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 06/12/2013  
Next Scheduled EDR Contact: 09/30/2013  
Data Release Frequency: Quarterly

### SONOMA COUNTY:

#### Cupa Facility List

Cupa Facility list

Date of Government Version: 04/01/2013  
Date Data Arrived at EDR: 04/03/2013  
Date Made Active in Reports: 05/14/2013  
Number of Days to Update: 41

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 06/25/2013  
Next Scheduled EDR Contact: 10/14/2013  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Leaking Underground Storage Tank Sites

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

Date of Government Version: 04/02/2013	Source: Department of Health Services
Date Data Arrived at EDR: 04/03/2013	Telephone: 707-565-6565
Date Made Active in Reports: 05/14/2013	Last EDR Contact: 06/25/2013
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/14/2013
	Data Release Frequency: Quarterly

### SUTTER COUNTY:

#### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/13/2013	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 03/14/2013	Telephone: 530-822-7500
Date Made Active in Reports: 03/27/2013	Last EDR Contact: 06/10/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/23/2013
	Data Release Frequency: Semi-Annually

### TUOLUMNE COUNTY:

#### CUPA Facility List

Cupa facility list

Date of Government Version: 01/14/2013	Source: Division of Environmental Health
Date Data Arrived at EDR: 01/16/2013	Telephone: 209-533-5633
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 05/15/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Varies

### 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: 04/26/2013	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 05/22/2013	Telephone: 805-654-2813
Date Made Active in Reports: 06/25/2013	Last EDR Contact: 05/20/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/02/2013
	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: 07/03/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/21/2013
	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: 02/18/2013
Number of Days to Update: 37	Next Scheduled EDR Contact: 06/03/2013
	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: 01/28/2013  
Date Data Arrived at EDR: 02/01/2013  
Date Made Active in Reports: 03/20/2013  
Number of Days to Update: 47

Source: Ventura County Resource Management Agency  
Telephone: 805-654-2813  
Last EDR Contact: 06/11/2013  
Next Scheduled EDR Contact: 08/12/2013  
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: 03/01/2013  
Date Data Arrived at EDR: 03/28/2013  
Date Made Active in Reports: 05/13/2013  
Number of Days to Update: 46

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 06/12/2013  
Next Scheduled EDR Contact: 09/30/2013  
Data Release Frequency: Quarterly

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/25/2013  
Date Data Arrived at EDR: 03/29/2013  
Date Made Active in Reports: 05/13/2013  
Number of Days to Update: 45

Source: Yolo County Department of Health  
Telephone: 530-666-8646  
Last EDR Contact: 06/07/2013  
Next Scheduled EDR Contact: 10/07/2013  
Data Release Frequency: Annually

## YUBA COUNTY:

### CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/24/2013  
Date Data Arrived at EDR: 05/24/2013  
Date Made Active in Reports: 06/27/2013  
Number of Days to Update: 34

Source: Yuba County Environmental Health Department  
Telephone: 530-749-7523  
Last EDR Contact: 05/20/2013  
Next Scheduled EDR Contact: 08/19/2013  
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: 05/20/2013  
Date Data Arrived at EDR: 05/21/2013  
Date Made Active in Reports: 06/27/2013  
Number of Days to Update: 37

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 05/21/2013  
Next Scheduled EDR Contact: 09/02/2013  
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: 04/19/2013  
Next Scheduled EDR Contact: 07/29/2013  
Data Release Frequency: Annually

### NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 05/01/2013  
Date Data Arrived at EDR: 05/09/2013  
Date Made Active in Reports: 07/10/2013  
Number of Days to Update: 62

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 05/09/2013  
Next Scheduled EDR Contact: 08/19/2013  
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: 04/23/2013  
Next Scheduled EDR Contact: 08/05/2013  
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: 05/28/2013  
Next Scheduled EDR Contact: 09/09/2013  
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: 06/28/2013  
Next Scheduled EDR Contact: 09/30/2013  
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

11-ACRE PARCEL  
NE INTERSECTION COLE GRADE RD. AND VIA VALENCIA  
VALLEY CENTER, CA 92082

### TARGET PROPERTY COORDINATES

Latitude (North):	33.2517 - 33° 15' 6.12"
Longitude (West):	117.0222 - 117° 1' 19.92"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	497932.0
UTM Y (Meters):	3678999.2
Elevation:	1513 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	33117-C1 PALA, CA
Most Recent Revision:	1988
South Map:	33117-B1 VALLEY CENTER, CA
Most Recent Revision:	2000

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).

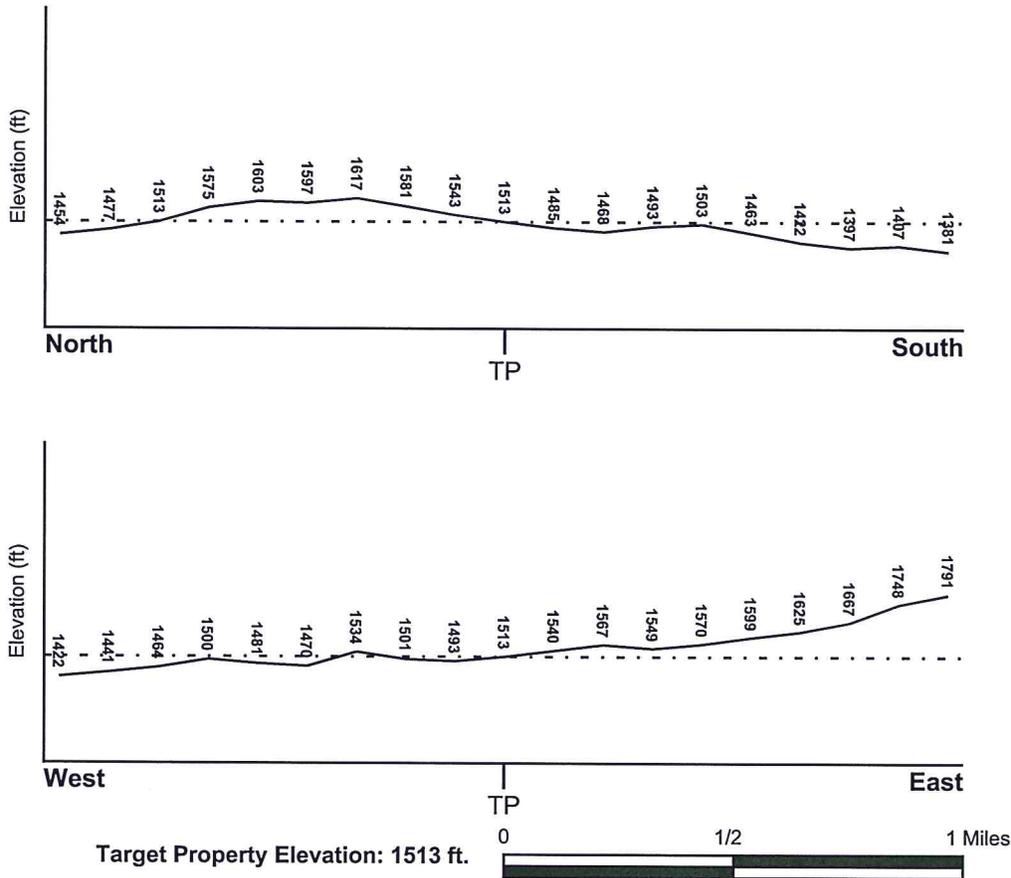
## TOPOGRAPHIC INFORMATION

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 SSW

## 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

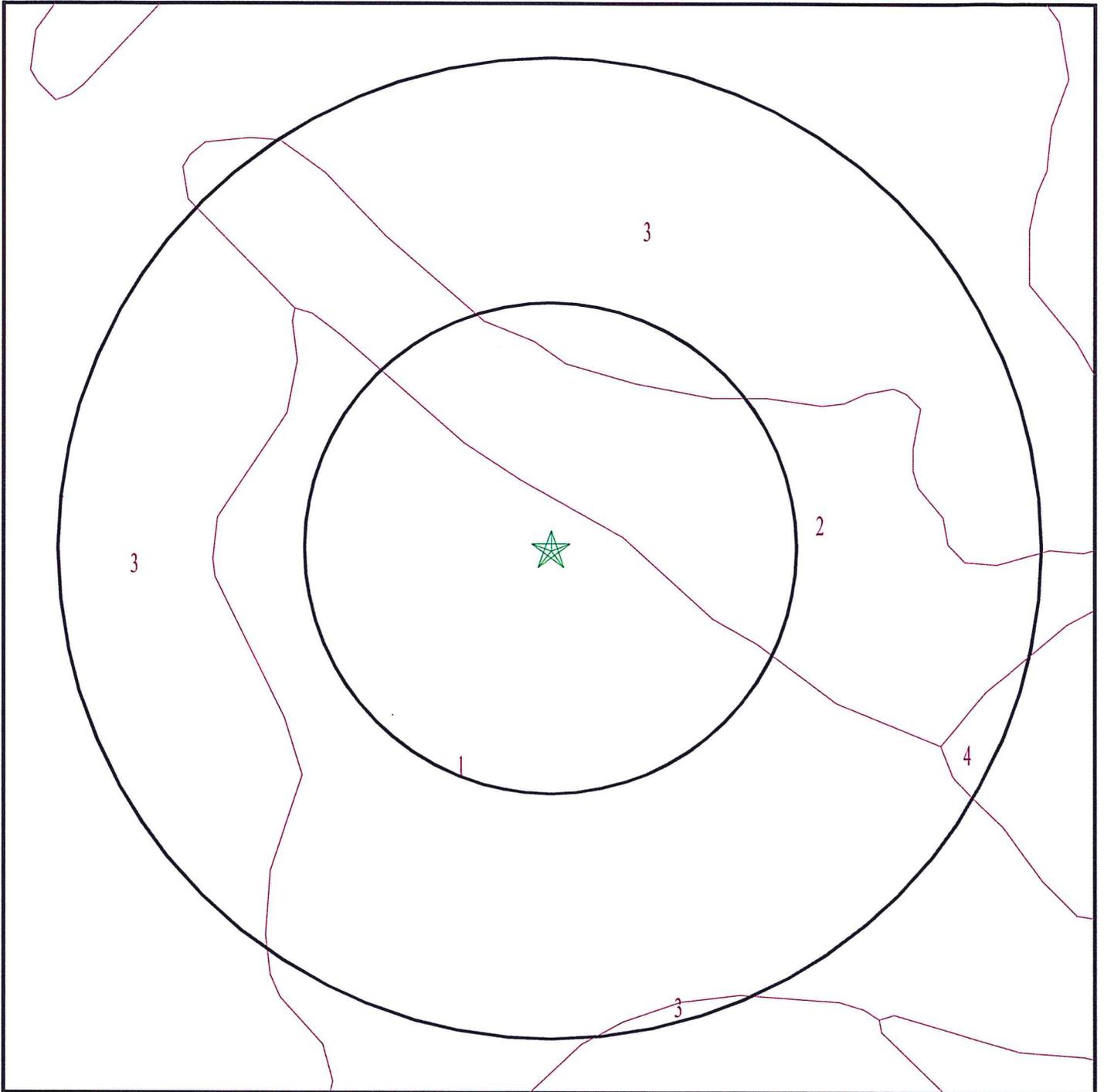
Era:	Mesozoic
System:	Cretaceous
Series:	Cretaceous granitic rocks
Code:	Kg ( <i>decoded above as Era, System &amp; Series</i> )

#### 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 - 03667373.2r



- ★ Target Property
- ∕ SSURGO Soil
- ∕ Water



SITE NAME: 11-Acre Parcel  
ADDRESS: NE Intersection Cole Grade Rd. and Via Valencia  
Valley Center CA 92082  
LAT/LONG: 33.2517 / 117.0222

CLIENT: Petra Geotechnical Inc  
CONTACT: Jon Gain  
INQUIRY #: 03667373.2r  
DATE: July 16, 2013 6:46 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: 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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 2**

Soil Component Name: FALLBROOK

Soil Surface Texture: 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: 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	3 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	3 inches	24 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	24 inches	27 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	27 inches	31 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 3**

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:
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:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 4**

Soil Component Name: BONSALL

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: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 7.8 Min: 7.4
2	7 inches	24 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 7.8 Min: 7.4
3	24 inches	33 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 7.8 Min: 7.4
4	33 inches	44 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 7.8 Min: 7.4
5	44 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 7.8 Min: 7.4

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### LOCAL / REGIONAL WATER AGENCY RECORDS

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

### WELL SEARCH DISTANCE INFORMATION

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

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000131390	0 - 1/8 Mile NW
2	USGS40000131339	1/8 - 1/4 Mile SW
3	USGS40000131415	1/8 - 1/4 Mile NW
A4	USGS40000131318	1/8 - 1/4 Mile SE
5	USGS40000131331	1/4 - 1/2 Mile ESE
A6	USGS40000131307	1/4 - 1/2 Mile SE
7	USGS40000131402	1/4 - 1/2 Mile ENE
A8	USGS40000131317	1/4 - 1/2 Mile SE
9	USGS40000131308	1/4 - 1/2 Mile SW
10	USGS40000131303	1/4 - 1/2 Mile SE
B11	USGS40000131284	1/4 - 1/2 Mile SSW
B12	USGS40000131271	1/4 - 1/2 Mile SSW
13	USGS40000131491	1/4 - 1/2 Mile North
14	USGS40000131391	1/4 - 1/2 Mile West
C15	USGS40000131288	1/4 - 1/2 Mile SE
16	USGS40000131458	1/4 - 1/2 Mile NE
D17	USGS40000131227	1/4 - 1/2 Mile SSW
E18	USGS40000131372	1/4 - 1/2 Mile West
E19	USGS40000131363	1/4 - 1/2 Mile West
D20	USGS40000131211	1/4 - 1/2 Mile SSW
21	USGS40000131302	1/4 - 1/2 Mile ESE
C22	USGS40000131278	1/4 - 1/2 Mile SE
F23	USGS40000131319	1/2 - 1 Mile WSW
E24	USGS40000131373	1/2 - 1 Mile West
G25	USGS40000131270	1/2 - 1 Mile SE
D26	USGS40000131207	1/2 - 1 Mile SSW
G27	USGS40000131277	1/2 - 1 Mile SE
28	USGS40000131400	1/2 - 1 Mile West
H29	USGS40000131261	1/2 - 1 Mile SW
F30	USGS40000131309	1/2 - 1 Mile WSW
I31	USGS40000131269	1/2 - 1 Mile SE
32	USGS40000131206	1/2 - 1 Mile SE
H33	USGS40000131262	1/2 - 1 Mile SW
I34	USGS40000131252	1/2 - 1 Mile SE
35	USGS40000131525	1/2 - 1 Mile NE
I36	USGS40000131251	1/2 - 1 Mile SE

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
37	USGS40000131146	1/2 - 1 Mile SSE
J38	USGS40000131250	1/2 - 1 Mile SE
39	USGS40000131316	1/2 - 1 Mile ESE
J40	USGS40000131226	1/2 - 1 Mile SE
K41	USGS40000131273	1/2 - 1 Mile WSW
L42	USGS40000131124	1/2 - 1 Mile SSE
K43	USGS40000131242	1/2 - 1 Mile WSW
L44	USGS40000131116	1/2 - 1 Mile South
45	USGS40000131198	1/2 - 1 Mile SE
L46	USGS40000131115	1/2 - 1 Mile SSE
47	USGS40000131338	1/2 - 1 Mile East
L48	USGS40000131112	1/2 - 1 Mile SSE
49	USGS40000131111	1/2 - 1 Mile SSE
50	USGS40000131155	1/2 - 1 Mile SW
51	USGS40000131136	1/2 - 1 Mile SE
M52	USGS40000131107	1/2 - 1 Mile SSE
N53	USGS40000131080	1/2 - 1 Mile South
O54	USGS40000131186	1/2 - 1 Mile SE
55	USGS40000131085	1/2 - 1 Mile SSE
N56	USGS40000131075	1/2 - 1 Mile South
N57	USGS40000131076	1/2 - 1 Mile South
M58	USGS40000131094	1/2 - 1 Mile SSE
O59	USGS40000131173	1/2 - 1 Mile SE
60	USGS40000131106	1/2 - 1 Mile SE
61	USGS40000131121	1/2 - 1 Mile SE

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

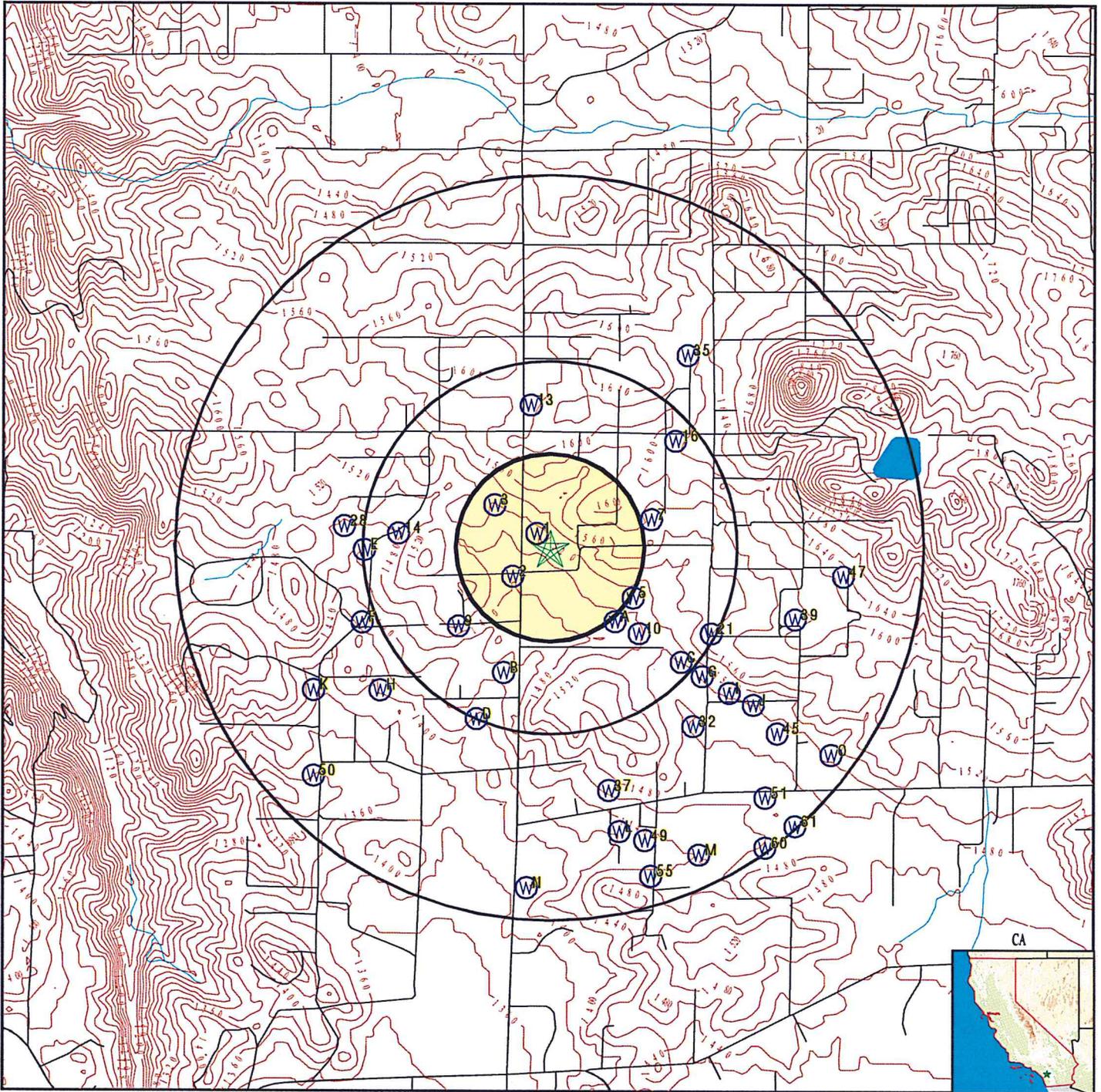
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

### STATE DATABASE WELL INFORMATION

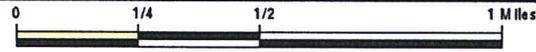
MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 03667373.2r



- 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



<p><b>SITE NAME:</b> 11-Acre Parcel  <b>ADDRESS:</b> NE Intersection Cole Grade Rd. and Via Valencia                  Valley Center CA 92082  <b>LAT/LONG:</b> 33.2517 / 117.0222</p>	<p><b>CLIENT:</b> Petra Geotechnical Inc  <b>CONTACT:</b> Jon Cain  <b>INQUIRY #:</b> 03667373.2r  <b>DATE:</b> July 16, 2013 6:46 pm</p>
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## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**1**  
**NW**  
**0 - 1/8 Mile**  
**Lower**

**FED USGS      USGS40000131390**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331508117011901		
Monloc name:	011S001W06G001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2522578
Longitude:	-117.0228073	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1515.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**2**  
**SW**  
**1/8 - 1/4 Mile**  
**Lower**

**FED USGS      USGS40000131339**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331502117012301		
Monloc name:	011S001W06F001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2505912
Longitude:	-117.0239184	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1480.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	54
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1967-11-01	8.00	

**3  
NW**

**1/8 - 1/4 Mile  
Higher**

**FED USGS USGS40000131415**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331512117012601		
Monloc name:	011S001W06C001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2533689
Longitude:	-117.0247518	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1515.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	54
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1966-11-01	24.00	

**A4  
SE**

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

**FED USGS USGS40000131318**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331456117010701		
Monloc name:	011S001W06J001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2489246
Longitude:	-117.0194739	Sourcemap scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1480.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	58
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	10.00	

**5**  
**ESE**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS    USGS40000131331**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331459117010301		
Monloc name:	011S001W06H001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2497579
Longitude:	-117.0183627	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1505.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	27
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	5.00	

**A6**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS    USGS40000131307**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331455117010701		
Monloc name:	011S001W06K001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2486468
Longitude:	-117.0194739	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1490.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	ft	Welldepth:	57
Wellholedepth units:	Not Reported	Wellholedepth:	Not Reported

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	3.00	

7

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

FED USGS USGS40000131402

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331510117010001		
Monloc name:	011S001W06H002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2528134
Longitude:	-117.0175294	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1570.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	206
Construction date:	1950	Wellholeddepth:	Not Reported
Welldepth units:	ft		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-11-01	35.00	

**A8**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000131317**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331456117010401		
Monloc name:	011S001W06J002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2489246
Longitude:	-117.0186405	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1480.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	26
Welldepth units:	ft	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	5.00	

**9**  
**SW**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000131308**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331455117013201		
Monloc name:	011S001W06L001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2486468
Longitude:	-117.0264185	Sourcemap scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1480.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	42
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	4.00	

**10**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

FED USGS    USGS40000131303

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331454117010201		
Monloc name:	011S001W06J003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2483691
Longitude:	-117.018085	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1480.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	22
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	6.00	

**B11**  
**SSW**  
**1/4 - 1/2 Mile**  
**Lower**

FED USGS    USGS40000131284

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331450117012501		
Monloc name:	011S001W06L002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.247258
Longitude:	-117.024474	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1480.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	ft	Welldepth:	23
Wellholeddepth units:	Not Reported	Wellholeddepth:	Not Reported

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	5.00	

**B12**  
**SSW**  
**1/4 - 1/2 Mile**  
**Lower**

FED USGS      USGS40000131271

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331447117012401		
Monloc name:	011S001W06L003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2464247
Longitude:	-117.0241963	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1475.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	30
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	0.00	

**13**

**North  
1/4 - 1/2 Mile  
Higher**

**FED USGS USGS40000131491**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331526117012001		
Monloc name:	010S001W31Q001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2572577
Longitude:	-117.023085	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1590.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	70
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-03-01	51.00	

**14**

**West  
1/4 - 1/2 Mile  
Lower**

**FED USGS USGS40000131391**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331508117014201		
Monloc name:	011S001W06E005S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2522578
Longitude:	-117.0291963	Sourcemap scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1480.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	36
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-11-01	12.00	

**C15**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS    USGS40000131288**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331451117005601		
Monloc name:	011S001W06J004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2475358
Longitude:	-117.0164183	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1500.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	7
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	2.00	

**16**  
**NE**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS    USGS40000131458**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331521117005601		
Monloc name:	011S001W06A001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2558689
Longitude:	-117.0164182	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1612.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1945	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**D17**  
**SSW**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000131227**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331443117012901		
Monloc name:	011S001W06P002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2453136
Longitude:	-117.0255852	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1415.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	35
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	17.00	

**E18**  
West  
1/4 - 1/2 Mile  
Lower

FED USGS USGS40000131372

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331506117014701		
Monloc name:	011S001W06E002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2517023
Longitude:	-117.0305853	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1462.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	31
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-11-01	21.00	

**E19**  
West  
1/4 - 1/2 Mile  
Lower

FED USGS USGS40000131363

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331505117014701		
Monloc name:	011S001W06E003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2514245
Longitude:	-117.0305853	Sourcemap scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1463.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	26
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1966-11-01	19.00	

**D20**  
**SSW**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000131211**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331442117012701		
Monloc name:	011S001W06P003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2450358
Longitude:	-117.0250296	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1420.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1948	Welldepth:	66
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1966-08-01	36.00	

**21**  
**ESE**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS40000131302**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331454117005001		
Monloc name:	011S001W05M004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2483691
Longitude:	-117.0147515	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1555.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	ft	Welldepth:	40
Wellholedepth units:	Not Reported	Wellholedepth:	Not Reported

Ground-water levels, Number of Measurements: 1

Date	Feet below	
	Surface	Sealevel
1966-11-01	13.00	

**C22**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS    USGS40000131278**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331449117005401		
Monloc name:	011S001W06J005S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2469802
Longitude:	-117.0158627	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1490.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	40
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**F23**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000131319**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331456117014601		
Monloc name:	011S001W06M002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2489246
Longitude:	-117.0303075	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1437.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	37
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1966-08-01	13.00	

**E24**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000131373**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331506117014901		
Monloc name:	011S001W06E001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2517023
Longitude:	-117.0311408	Sourcemap scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1455.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1948	Welldepth:	39
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G25**  
**SE**  
 1/2 - 1 Mile  
 Lower

**FED USGS      USGS40000131270**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331447117005301		
Monloc name:	011S001W06J006S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2464247
Longitude:	-117.0155849	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1495.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	53
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
.1966-08-01	25.00	

**D26**  
**SSW**  
 1/2 - 1 Mile  
 Lower

**FED USGS      USGS40000131207**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331441117013101		
Monloc name:	011S001W06P001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2447581
Longitude:	-117.0261408	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1425.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	45
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	23.00	

**G27**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

FED USGS    USGS40000131277

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331449117005001		
Monloc name:	011S001W05M002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2469802
Longitude:	-117.0147516	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1520.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	Not Reported		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-09-01	70.00	

**28**

**West  
1/2 - 1 Mile  
Lower**

**FED USGS USGS40000131400**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331509117015101		
Monloc name:	011S001W06E004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2525356
Longitude:	-117.0316964	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1475.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	27
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-11-01	4.00	

**H29**

**SW  
1/2 - 1 Mile  
Lower**

**FED USGS USGS40000131261**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331446117014301		
Monloc name:	011S001W06M003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2461469
Longitude:	-117.0294742	Sourcemap scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1405.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1952	Welldepth:	60
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	17.00	

**F30**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000131309**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331455117015001		
Monloc name:	011S001W06M001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2486468
Longitude:	-117.0314186	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1415.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	31
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	15.00	

**I31**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000131269**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331447117004801		
Monloc name:	011S001W05M001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2464247
Longitude:	-117.014196	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1500.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	78
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	16.00	

**32**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

FED USGS    USGS40000131206

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331441117005301		
Monloc name:	011S001W06R001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2447581
Longitude:	-117.0155849	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1470.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	45
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	ft		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	21.00	

**H33**

**SW**

**1/2 - 1 Mile**

**Lower**

**FED USGS**

**USGS40000131262**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331446117014701		
Monloc name:	011S001W06M004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2461469
Longitude:	-117.0305853	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1390.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	42
Welldepth units:	ft	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	19.00	

**I34**

**SE**

**1/2 - 1 Mile**

**Lower**

**FED USGS**

**USGS40000131252**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331445117004701		
Monloc name:	011S001W05N001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2458692
Longitude:	-117.0139182	Sourcemap scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1500.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	35
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	15.00	

**35**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS    USGS40000131525**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331533117005401		
Monloc name:	010S001W31R001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2592021
Longitude:	-117.0158626	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1610.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-04-01	69.00	

**I36**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS    USGS40000131251**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331445117004601		
Monloc name:	011S001W05N002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2458692
Longitude:	-117.0136404	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1490.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	34
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below	
	Surface	Sealevel
1966-08-01	10.00	

**37**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS    USGS40000131146**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331432117010701		
Monloc name:	011S001W06Q001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2422582
Longitude:	-117.0194739	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1465.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	85
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	44.00	

**J38**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000131250**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331445117004301		
Monloc name:	011S001W05N005S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2458692
Longitude:	-117.012807	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1500.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**39**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000131316**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331456117003601		
Monloc name:	011S001W05M003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2489246
Longitude:	-117.0108626	Sourcemap scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1580.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	63
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1966-11-01	28.00	

**J40**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

FED USGS      USGS40000131226

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331443117004301		
Monloc name:	011S001W05N004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2453136
Longitude:	-117.012807	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1490.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1966-09-01	10.00	

**K41**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

FED USGS      USGS40000131273

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331448117015601		
Monloc name:	011S002W01J002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2467024
Longitude:	-117.0330854	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1390.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	Not Reported	Welldepth:	Not Reported
Wellholedepth units:	Not Reported	Wellholedepth:	Not Reported

Ground-water levels, Number of Measurements: 0

**L42**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

FED USGS      USGS40000131124

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331428117010501		
Monloc name:	011S001W07A001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2411471
Longitude:	-117.0189184	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1440.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	ft	Welldepth:	47
Wellholedepth units:	Not Reported	Wellholedepth:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-09-01	35.00	

**K43**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40000131242**

Org. Identifier:	USGS-CA	
Formal name:	USGS California Water Science Center	
Monloc Identifier:	USGS-331444117015601	
Monloc name:	011S002W01J003S	
Monloc type:	Well	
Monloc desc:	Not Reported	
Huc code:	18070303	Drainagearea value: Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea: Not Reported
Contrib drainagearea units:	Not Reported	Latitude: 33.2455913
Longitude:	-117.0330854	Sourcemap scale: Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units: Unknown
Horiz Collection method:	Interpolated from map	
Horiz coord refsys:	NAD83	Vert measure val: 1380.00
Vert measure units:	feet	Vertacc measure val: 10
Vert accmeasure units:	feet	
Vertcollection method:	Interpolated from topographic map	
Vert coord refsys:	NGVD29	Countrycode: US
Aquifername:	Other aquifers	
Formation type:	Not Reported	
Aquifer type:	Not Reported	
Construction date:	Not Reported	Welldepth: 30
Welldepth units:	ft	Wellholedepth: Not Reported
Wellholedepth units:	Not Reported	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	15.00	

**L44**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40000131116**

Org. Identifier:	USGS-CA	
Formal name:	USGS California Water Science Center	
Monloc Identifier:	USGS-331426117010801	
Monloc name:	011S001W07A006S	
Monloc type:	Well	
Monloc desc:	Not Reported	
Huc code:	18070303	Drainagearea value: Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea: Not Reported
Contrib drainagearea units:	Not Reported	Latitude: 33.2405916
Longitude:	-117.0197517	Sourcemap scale: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1420.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	45
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-11-01	21.00	

**45**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS    USGS40000131198**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331440117003901		
Monloc name:	011S001W05N003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2444803
Longitude:	-117.0116959	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1490.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	51
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-09-01	15.00	

**L46**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS    USGS40000131115**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331426117010501		
Monloc name:	011S001W07A002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2405916
Longitude:	-117.0189184	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1420.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	51
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-09-01	24.00	

**47  
East  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000131338**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331502117002801		
Monloc name:	011S001W05F001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2505913
Longitude:	-117.0086403	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1625.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	Not Reported		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-11-01	35.00	

**L48**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

FED USGS      USGS40000131112

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331425117010301		
Monloc name:	011S001W07A003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2403138
Longitude:	-117.0183628	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1420.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-09-01	26.00	

**49**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

FED USGS      USGS40000131111

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331425117010101		
Monloc name:	011S001W07B001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2403138
Longitude:	-117.0178072	Sourcemap scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1420.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	30
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-11-01	22.00	

**50**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

FED USGS      USGS40000131155

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331434117015601		
Monloc name:	011S002W01R001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2428137
Longitude:	-117.0330854	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1335.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	32
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	19.00	

**51**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

FED USGS      USGS40000131136

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331431117004101		
Monloc name:	011S001W08D003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2419804
Longitude:	-117.0122515	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1460.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	32
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-12-01	24.00	

**M52**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

FED USGS      USGS40000131107

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331424117005401		
Monloc name:	011S001W07A005S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.240036
Longitude:	-117.0158628	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1440.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	58
Construction date:	1935	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-09-01	33.00	

**N53**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000131080**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331419117012001		
Monloc name:	011S001W07G003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2386472
Longitude:	-117.0230852	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1380.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	41
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-11-01	10.00	

**O54**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000131186**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331438117003101		
Monloc name:	011S001W05P001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2439248
Longitude:	-117.0094737	Sourcemap scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1500.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	55
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-01	20.00	

**55**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000131085**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331420117010001		
Monloc name:	011S001W07A004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.238925
Longitude:	-117.0175295	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1450.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	65
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-09-01	40.00	

**N56**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000131075**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331418117012101		
Monloc name:	011S001W07G001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2383694
Longitude:	-117.023363	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1378.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	45
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**N57**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS**

**USGS40000131076**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331418117012102		
Monloc name:	011S001W07G002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2383694
Longitude:	-117.023363	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1378.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	23
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-11-01	9.00	

**M58**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40000131094**

Org. Identifier:	USGS-CA	
Formal name:	USGS California Water Science Center	
Monloc Identifier:	USGS-331422117005001	
Monloc name:	011S001W08D001S	
Monloc type:	Well	
Monloc desc:	Not Reported	
Huc code:	18070303	Drainagearea value: Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea: Not Reported
Contrib drainagearea units:	Not Reported	Latitude: 33.2394805
Longitude:	-117.0147516	Sourcemap scale: Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units: Unknown
Horiz Collection method:	Interpolated from map	
Horiz coord refsys:	NAD83	Vert measure val: 1445.00
Vert measure units:	feet	Vertacc measure val: 10
Vert accmeasure units:	feet	
Vertcollection method:	Interpolated from topographic map	
Vert coord refsys:	NGVD29	Countrycode: US
Aquifername:	California Coastal Basin aquifers	
Formation type:	Not Reported	
Aquifer type:	Not Reported	
Construction date:	Not Reported	Welldepth: 41
Welldepth units:	ft	Wellholedepth: Not Reported
Wellholedepth units:	Not Reported	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-09-01	33.00	

**O59**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40000131173**

Org. Identifier:	USGS-CA	
Formal name:	USGS California Water Science Center	
Monloc Identifier:	USGS-331436117002901	
Monloc name:	011S001W05P002S	
Monloc type:	Well	
Monloc desc:	Not Reported	
Huc code:	18070303	Drainagearea value: Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea: Not Reported
Contrib drainagearea units:	Not Reported	Latitude: 33.2433693
Longitude:	-117.008918	Sourcemap scale: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map	Vert measure val:	1505.00
Horiz coord refsys:	NAD83	Vertacc measure val:	10
Vert measure units:	feet		
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	42
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1966-08-01	30.00	

**60**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000131106**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331424117004101		
Monloc name:	011S001W08D002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2400361
Longitude:	-117.0122516	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1460.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	48
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----	-----	-----
1966-12-01	34.00	

**61**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000131121**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331427117003601		
Monloc name:	011S001W08C004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2408694
Longitude:	-117.0108626	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1467.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	Not Reported	Welldepth:	Not Reported
Wellholedepth units:	Not Reported	Wellholedepth:	Not Reported

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-12-01	31.00	

# 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.

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**11-Acre Parcel**

NE Intersection Cole Grade Rd. and Via Valencia  
Valley Center, CA 92082

Inquiry Number: 3667373.3

July 16, 2013



**Certified Sanborn® Map Report**

# Certified Sanborn® Map Report

7/16/13

**Site Name:**

11-Acre Parcel  
NE Intersection Cole Grade Rd.  
Valley Center, CA 92082

**Client Name:**

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

EDR Inquiry # 3667373.3

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:** 11-Acre Parcel  
**Address:** NE Intersection Cole Grade Rd. and Via  
**City, State, Zip:** Valley Center, CA 92082  
**Cross Street:**  
**P.O. #** 13-395  
**Project:** 11-Acre Parcel  
**Certification #** 9DDF-468E-9D2D



Sanborn® Library search results  
Certification # 9DDF-468E-9D2D

## 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

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**11-Acre Parcel**

NE Intersection Cole Grade Rd. and Via Valencia  
Valley Center, CA 92082

Inquiry Number: 3667373.4

July 17, 2013



## EDR Historical Topographic Map Report

# EDR Historical Topographic Map Report

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

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with any questions or comments.

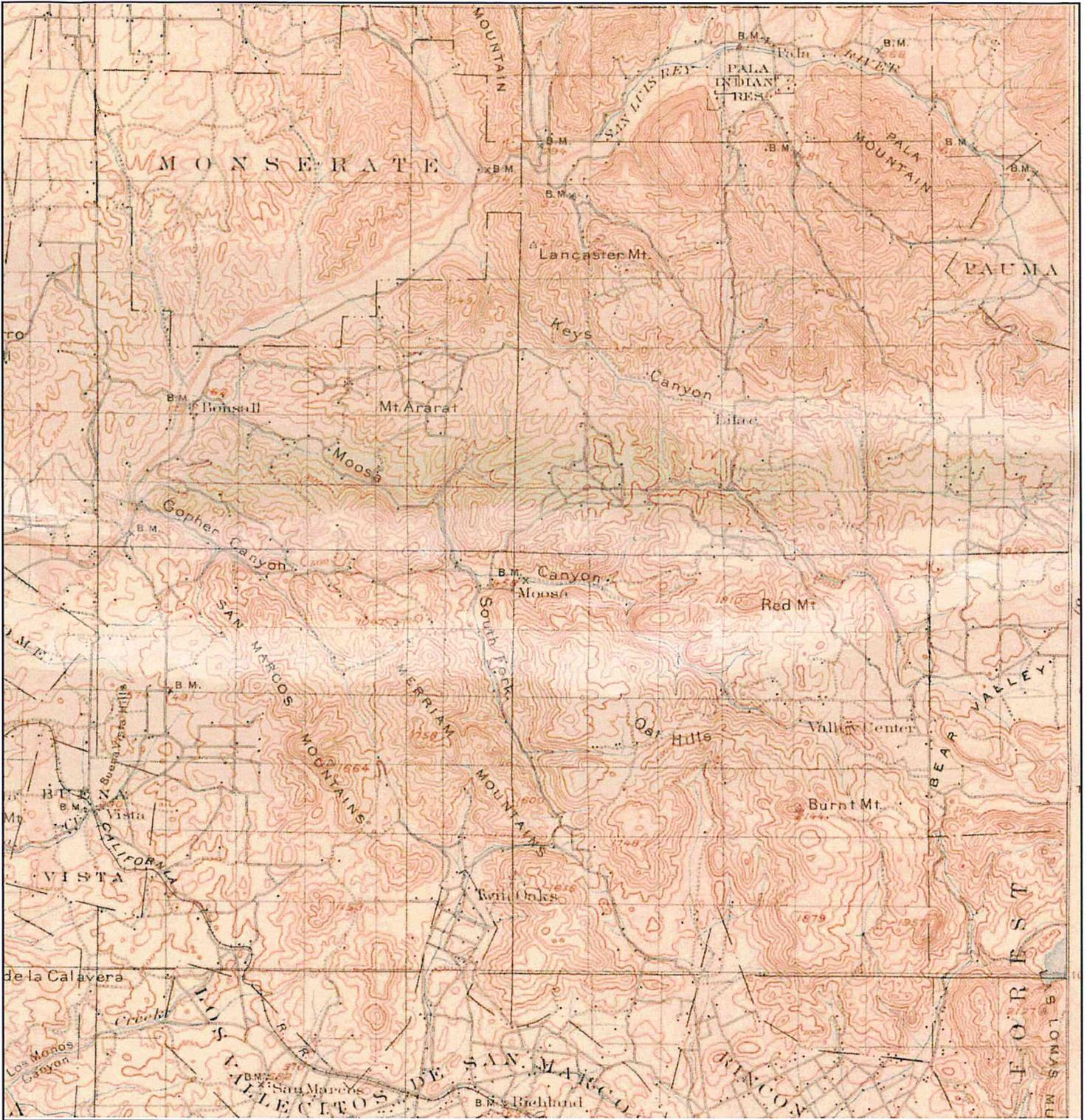
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# Historical Topographic Map



<b>N</b> 	<b>TARGET QUAD</b> NAME: SAN LUIS REY MAP YEAR: 1901	SITE NAME: 11-Acre Parcel ADDRESS: NE Intersection Cole Grade Rd. and Via Valencia Valley Center, CA 92082	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3667373.4 RESEARCH DATE: 07/17/2013
	SERIES: 30 SCALE: 1:125000	LAT/LONG: 33.2517 / -117.0222	

# Historical Topographic Map



Unsurveyed Area on the Topographic Map

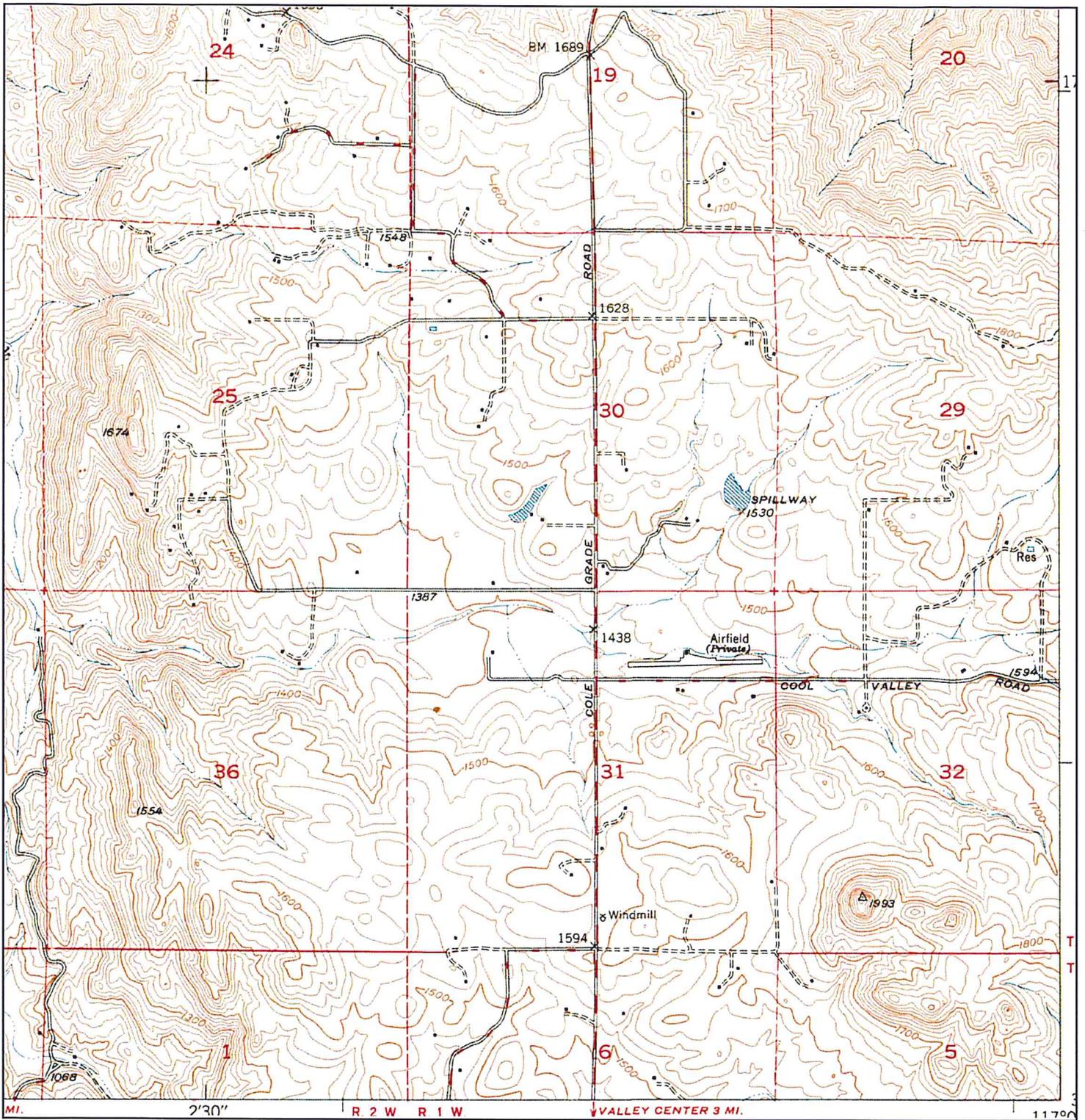
<p>N</p> 	<p>TARGET QUAD NAME: SOUTHERN CA SHEET 2 MAP YEAR: 1904</p>	<p>SITE NAME: 11-Acre Parcel ADDRESS: NE Intersection Cole Grade Rd. and Via Valencia Valley Center, CA 92082</p>	<p>CLIENT: Petra Geotechnical Inc</p>
	<p>SERIES: 60 SCALE: 1:250000</p>	<p>LAT/LONG: 33.2517 / -117.0222</p>	<p>CONTACT: Jon Cain INQUIRY#: 3667373.4 RESEARCH DATE: 07/17/2013</p>

# Historical Topographic Map



<b>N</b> 	<b>TARGET QUAD</b> NAME: TEMECULA MAP YEAR: 1947	<b>SITE NAME:</b> 11-Acre Parcel <b>ADDRESS:</b> NE Intersection Cole Grade Rd. and Via Valencia Valley Center, CA 92082	<b>CLIENT:</b> Petra Geotechnical Inc <b>CONTACT:</b> Jon Cain <b>INQUIRY#:</b> 3667373.4 <b>RESEARCH DATE:</b> 07/17/2013
	SERIES: 15 SCALE: 1:50000	<b>LAT/LONG:</b> 33.2517 / -117.0222	

# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: PALA MAP YEAR: 1950</p>	<p>SITE NAME: 11-Acre Parcel ADDRESS: NE Intersection Cole Grade Rd. and Via Valencia Valley Center, CA 92082</p>	<p>CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3667373.4 RESEARCH DATE: 07/17/2013</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>	<p>LAT/LONG: 33.2517 / -117.0222</p>	

# Historical Topographic Map



 <b>N</b>	<b>TARGET QUAD</b> NAME: PALA MAP YEAR: 1968	<b>SITE NAME:</b> 11-Acre Parcel <b>ADDRESS:</b> NE Intersection Cole Grade Rd. and Via Valencia Valley Center, CA 92082	<b>CLIENT:</b> Petra Geotechnical Inc <b>CONTACT:</b> Jon Cain <b>INQUIRY#:</b> 3667373.4 <b>RESEARCH DATE:</b> 07/17/2013
	SERIES: 7.5 SCALE: 1:24000	<b>LAT/LONG:</b> 33.2517 / -117.0222	



# Historical Topographic Map



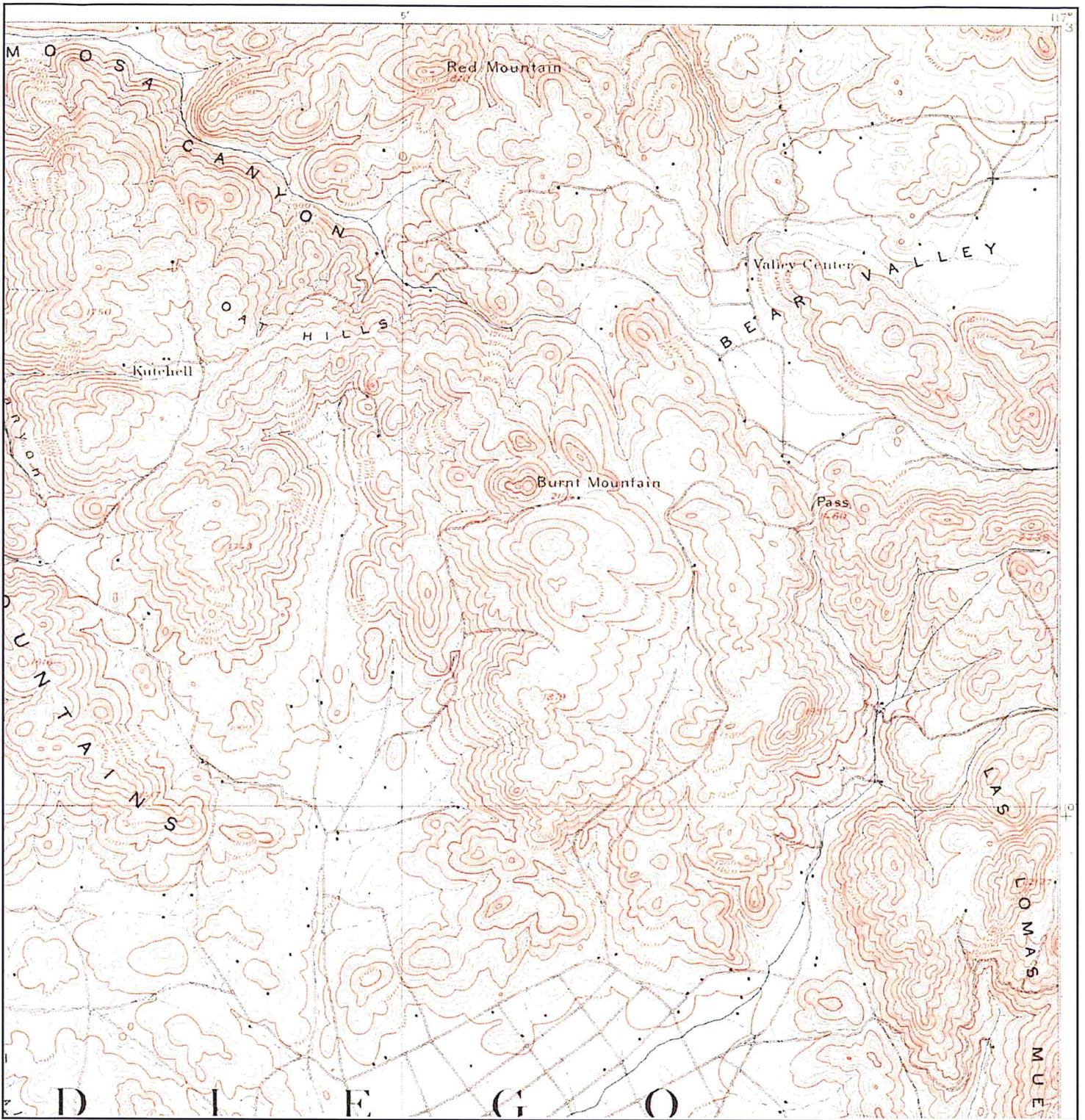
<p>N</p> 	<p>TARGET QUAD NAME: PALA MAP YEAR: 1988 PHOTOREVISED FROM :1968 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: 11-Acre Parcel ADDRESS: NE Intersection Cole Grade Rd. and Via Valencia Valley Center, CA 92082 LAT/LONG: 33.2517 / -117.0222</p>	<p>CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3667373.4 RESEARCH DATE: 07/17/2013</p>
	<p>INTERIOR GEOLOGICAL SURVEY RESTON VIRGINIA 1988</p>		

# Historical Topographic Map



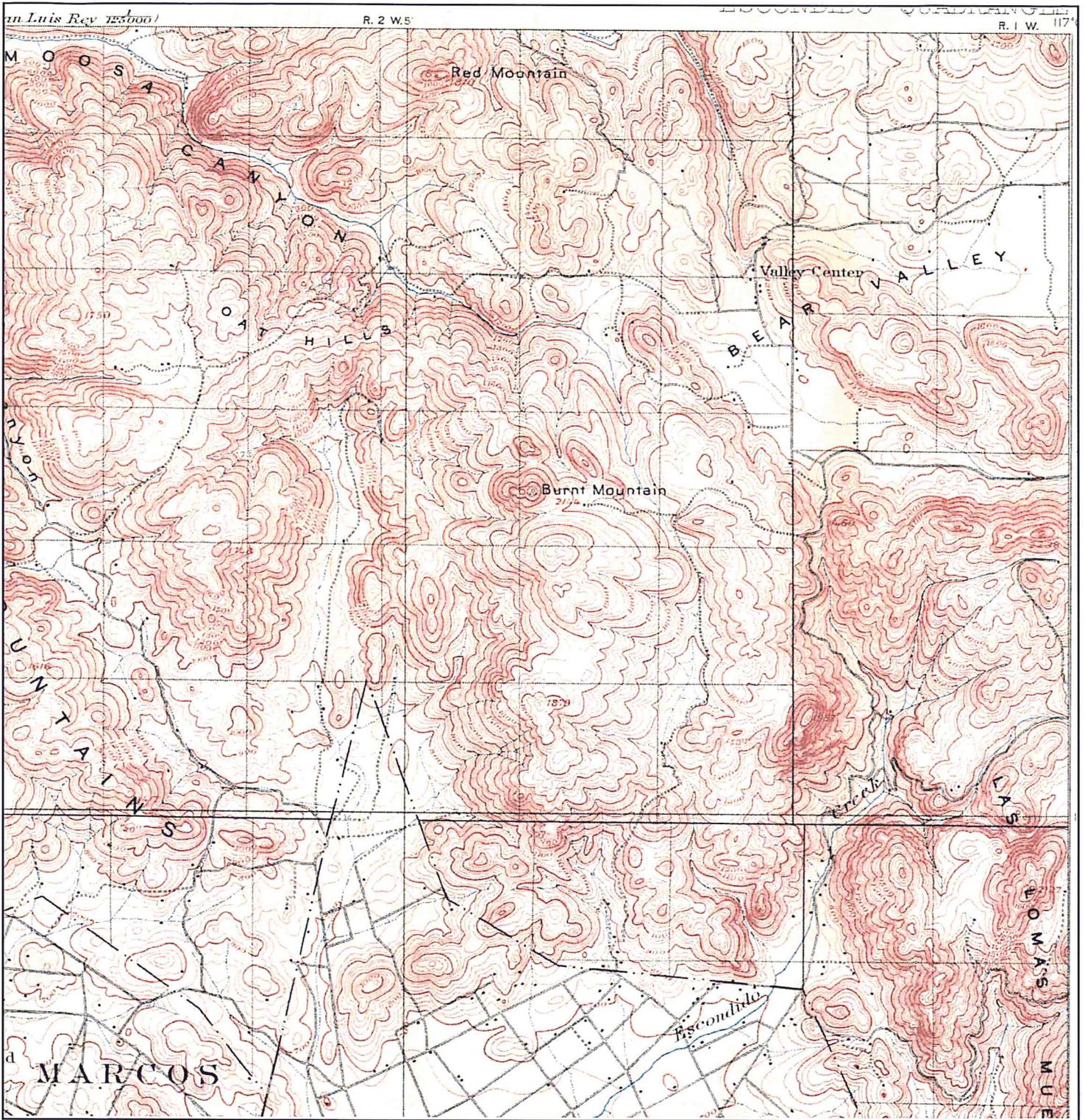
<b>N</b> 	<b>TARGET QUAD</b> NAME: PALA MAP YEAR: 1997	SITE NAME: 11-Acre Parcel ADDRESS: NE Intersection Cole Grade Rd. and Via Valencia Valley Center, CA 92082	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3667373.4 RESEARCH DATE: 07/17/2013
	SERIES: 7.5 SCALE: 1:24000	LAT/LONG: 33.2517 / -117.0222	

# Historical Topographic Map



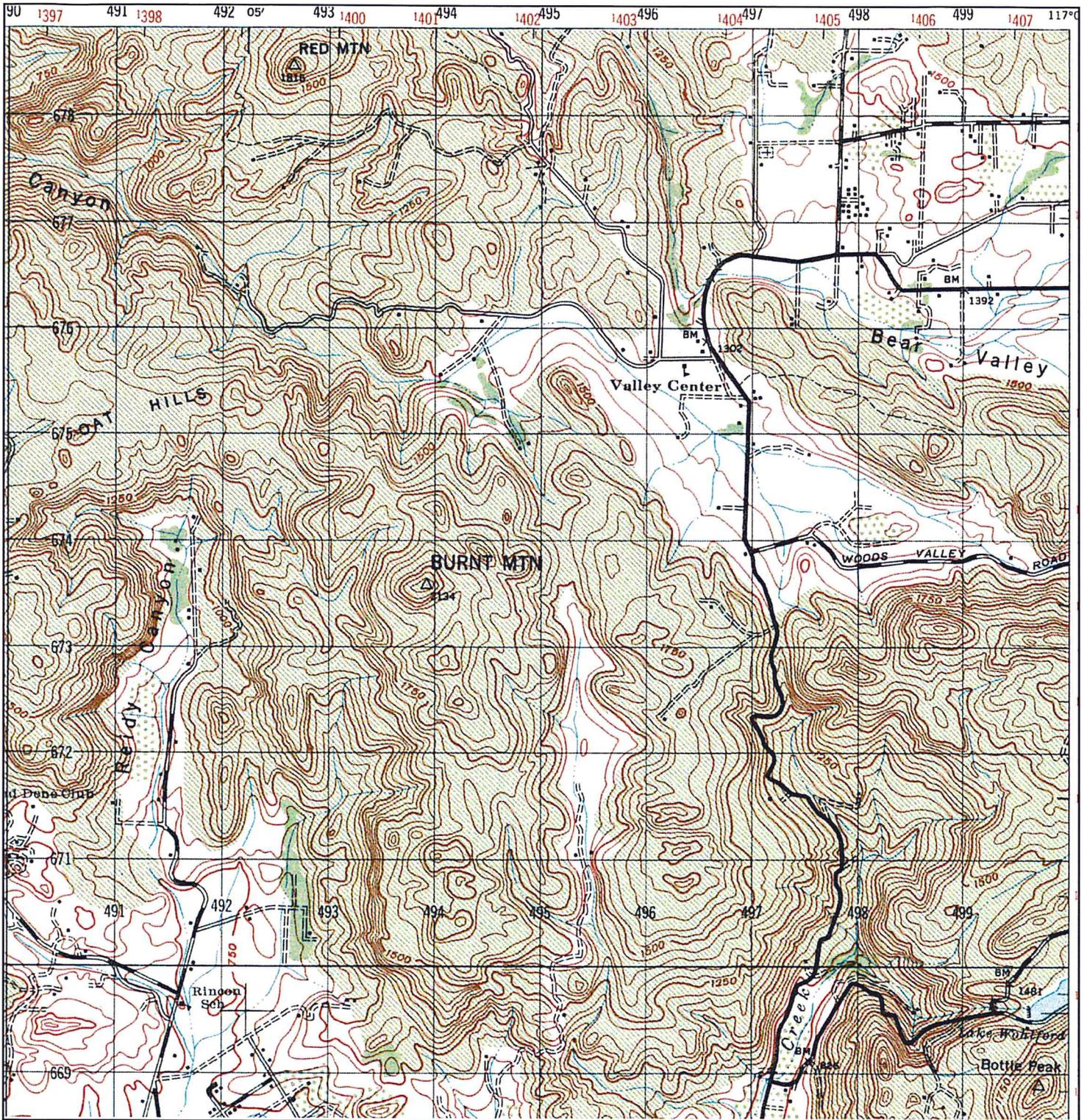
<b>N</b> ↑	<b>ADJOINING QUAD</b>	<b>SITE NAME:</b> 11-Acre Parcel	<b>CLIENT:</b> Petra Geotechnical Inc
	<b>NAME:</b> ESCONDIDO	<b>ADDRESS:</b> NE Intersection Cole Grade Rd. and Via Valencia	<b>CONTACT:</b> Jon Cain
	<b>MAP YEAR:</b> 1893	<b>LAT/LONG:</b> 33.2517 / -117.0222	<b>INQUIRY#:</b> 3667373.4
	<b>SERIES:</b> 15		<b>RESEARCH DATE:</b> 07/17/2013
	<b>SCALE:</b> 1:62500		

# Historical Topographic Map



<b>N</b> 	<b>ADJOINING QUAD</b> NAME: ESCONDIDO MAP YEAR: 1901	<b>SITE NAME:</b> 11-Acre Parcel <b>ADDRESS:</b> NE Intersection Cole Grade Rd. and Via Valencia Valley Center, CA 92082	<b>CLIENT:</b> Petra Geotechnical Inc <b>CONTACT:</b> Jon Cain <b>INQUIRY#:</b> 3667373.4 <b>RESEARCH DATE:</b> 07/17/2013
	SERIES: 15 SCALE: 1:62500	<b>LAT/LONG:</b> 33.2517 / -117.0222	

# Historical Topographic Map



<b>N</b> 	ADJOINING QUAD	SITE NAME:	CLIENT:
	NAME: ESCONDIDO MAP YEAR: 1947  SERIES: 15 SCALE: 1:50000	ADDRESS: NE Intersection Cole Grade Rd. and Via Valencia Valley Center, CA 92082 LAT/LONG: 33.2517 / -117.0222	CONTACT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3667373.4 RESEARCH DATE: 07/17/2013

# Historical Topographic Map



<b>N</b> 	ADJOINING QUAD NAME: VALLEY CENTER MAP YEAR: 1949	SITE NAME: 11-Acre Parcel ADDRESS: NE Intersection Cole Grade Rd. and Via Valencia Valley Center, CA 92082 LAT/LONG: 33.2517 / -117.0222	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3667373.4 RESEARCH DATE: 07/17/2013
	SERIES: 7.5 SCALE: 1:24000		

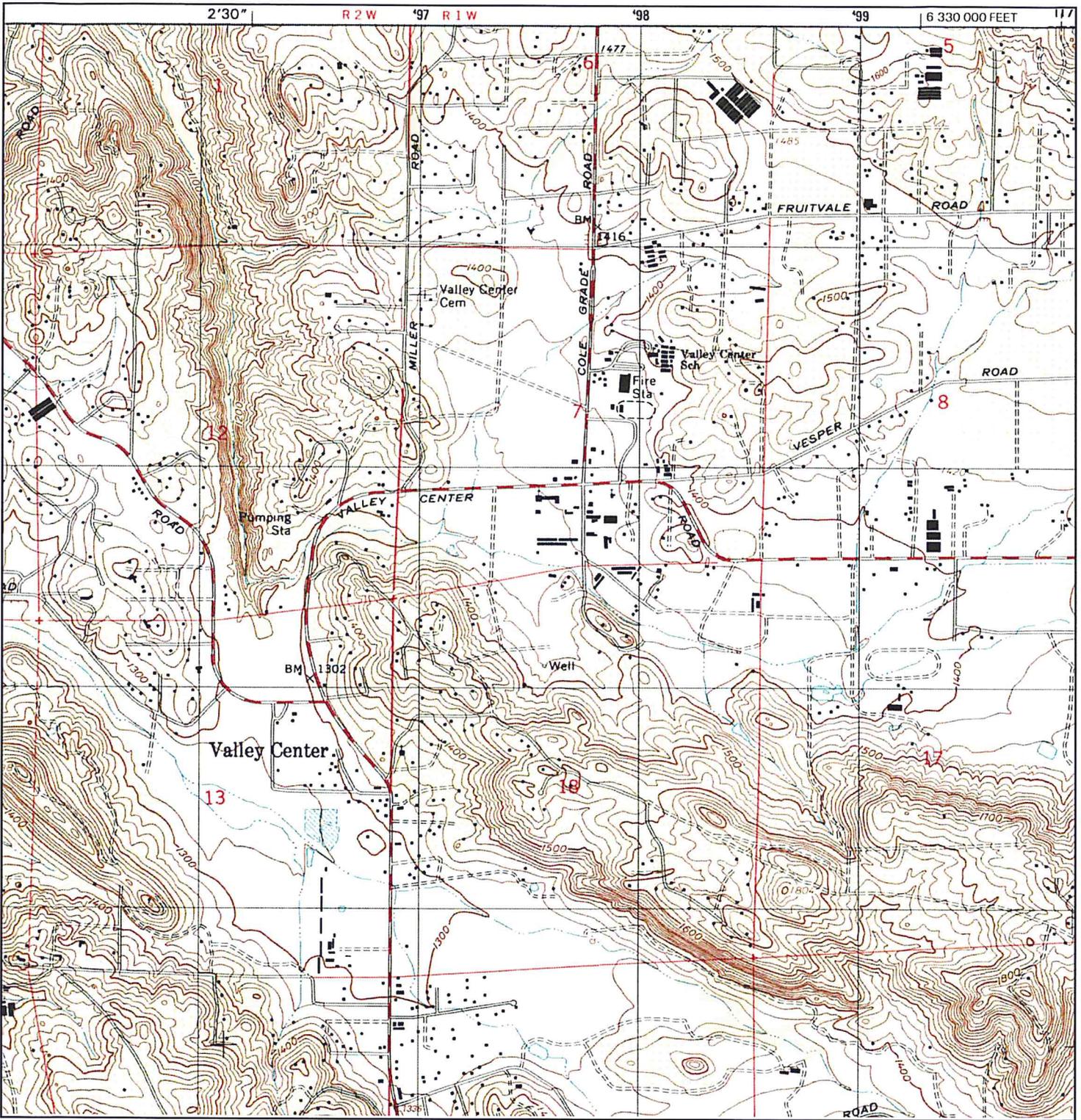
# Historical Topographic Map



<b>N</b> 	ADJOINING QUAD	SITE NAME:	CLIENT:
	NAME: VALLEY CENTER	11-Acre Parcel	Petra Geotechnical Inc
	MAP YEAR: 1968	ADDRESS:	CONTACT: Jon Cain
		NE Intersection Cole Grade Rd. and	INQUIRY#: 3667373.4
		Via Valencia	RESEARCH DATE: 07/17/2013
	SERIES: 7.5	Valley Center, CA 92082	
	SCALE: 1:24000	LAT/LONG: 33.2517 / -117.0222	



# Historical Topographic Map



<b>N</b> 	ADJOINING QUAD NAME: VALLEY CENTER MAP YEAR: 1996	SITE NAME: 11-Acre Parcel ADDRESS: NE Intersection Cole Grade Rd. and Via Valencia	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3667373.4
	SERIES: 7.5 SCALE: 1:24000	LAT/LONG: 33.2517 / -117.0222	RESEARCH DATE: 07/17/2013



**11-Acre Parcel**

NE Intersection Cole Grade Rd. and Via Valencia  
Valley Center, CA 92082

Inquiry Number: 3667373.5

July 19, 2013



## The EDR Aerial Photo Decade Package



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

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**Date EDR Searched Historical Sources:**

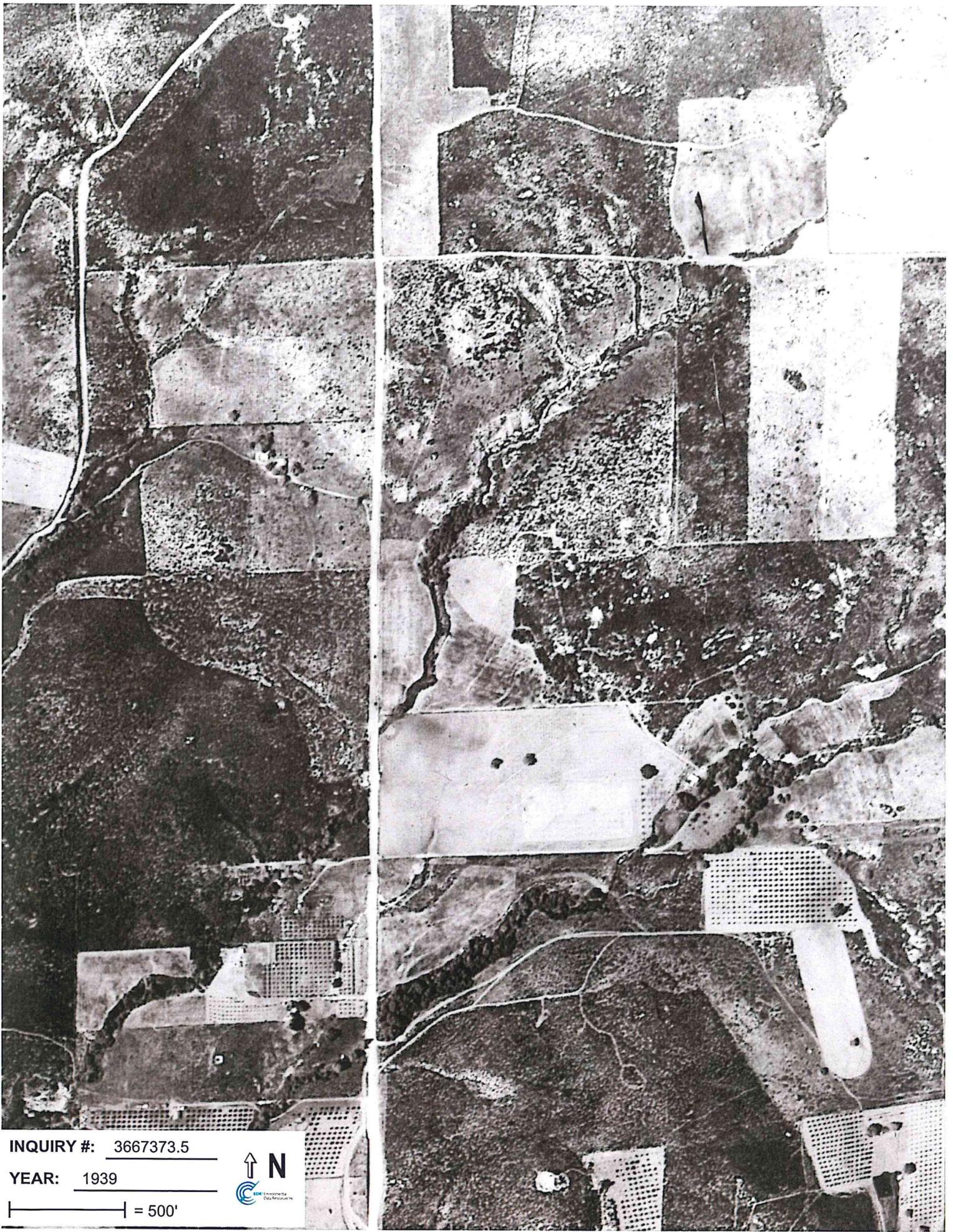
Aerial Photography July 19, 2013

**Target Property:**

NE Intersection Cole Grade Rd. and Via Valencia

Valley Center, CA 92082

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1939	Aerial Photograph. Scale: 1"=500'	Flight Year: 1939	Fairchild
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
1975	Aerial Photograph. Scale: 1"=500'	Flight Year: 1975	AMI
1980	Aerial Photograph. Scale: 1"=500'	Flight Year: 1980	AMI
1990	Aerial Photograph. Scale: 1"=500'	Flight Year: 1990	USGS
1995	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1995	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	EDR
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	EDR
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	EDR



INQUIRY #: 3667373.5

YEAR: 1939

| = 500'



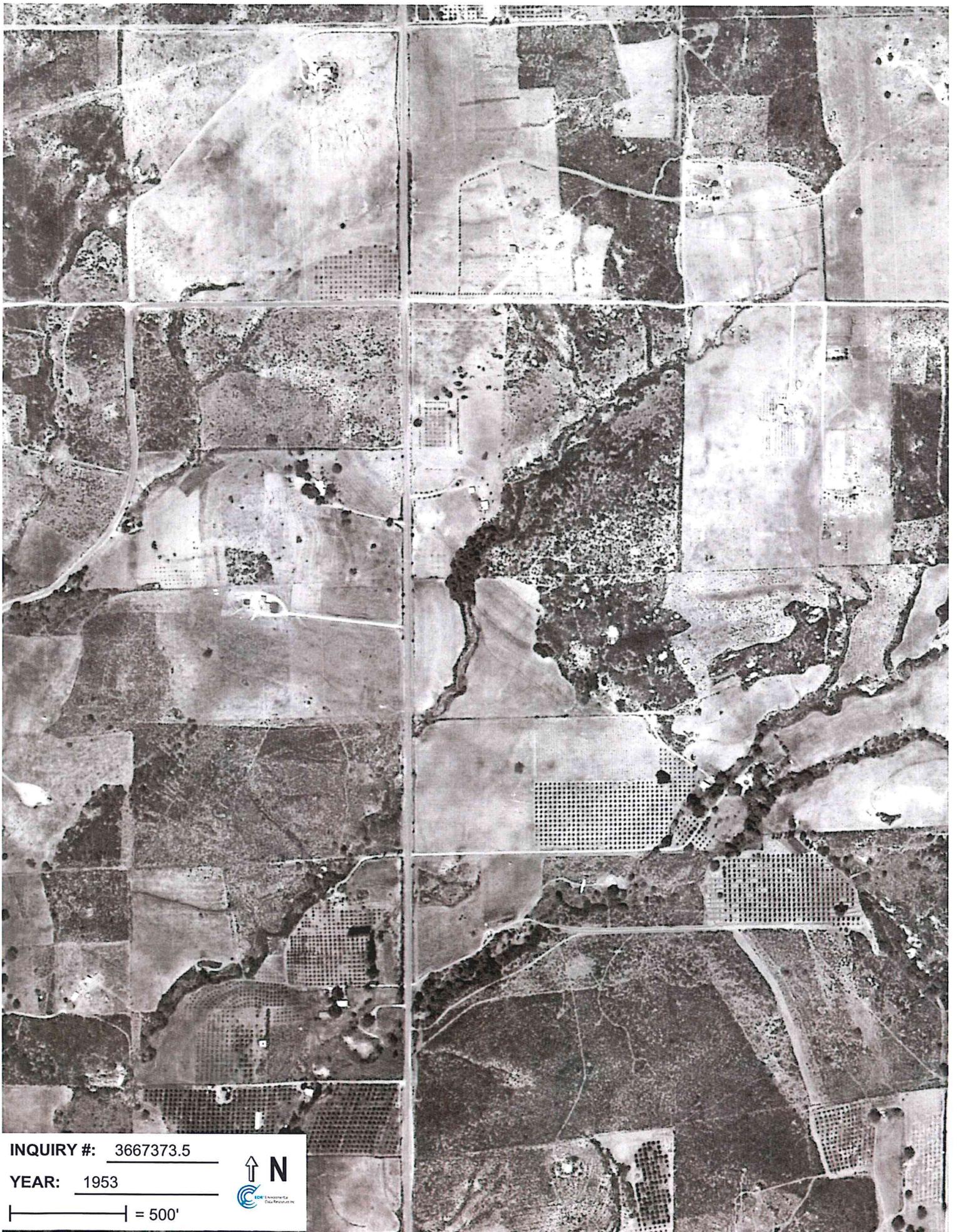


INQUIRY #: 3667373.5

YEAR: 1946

| = 500'



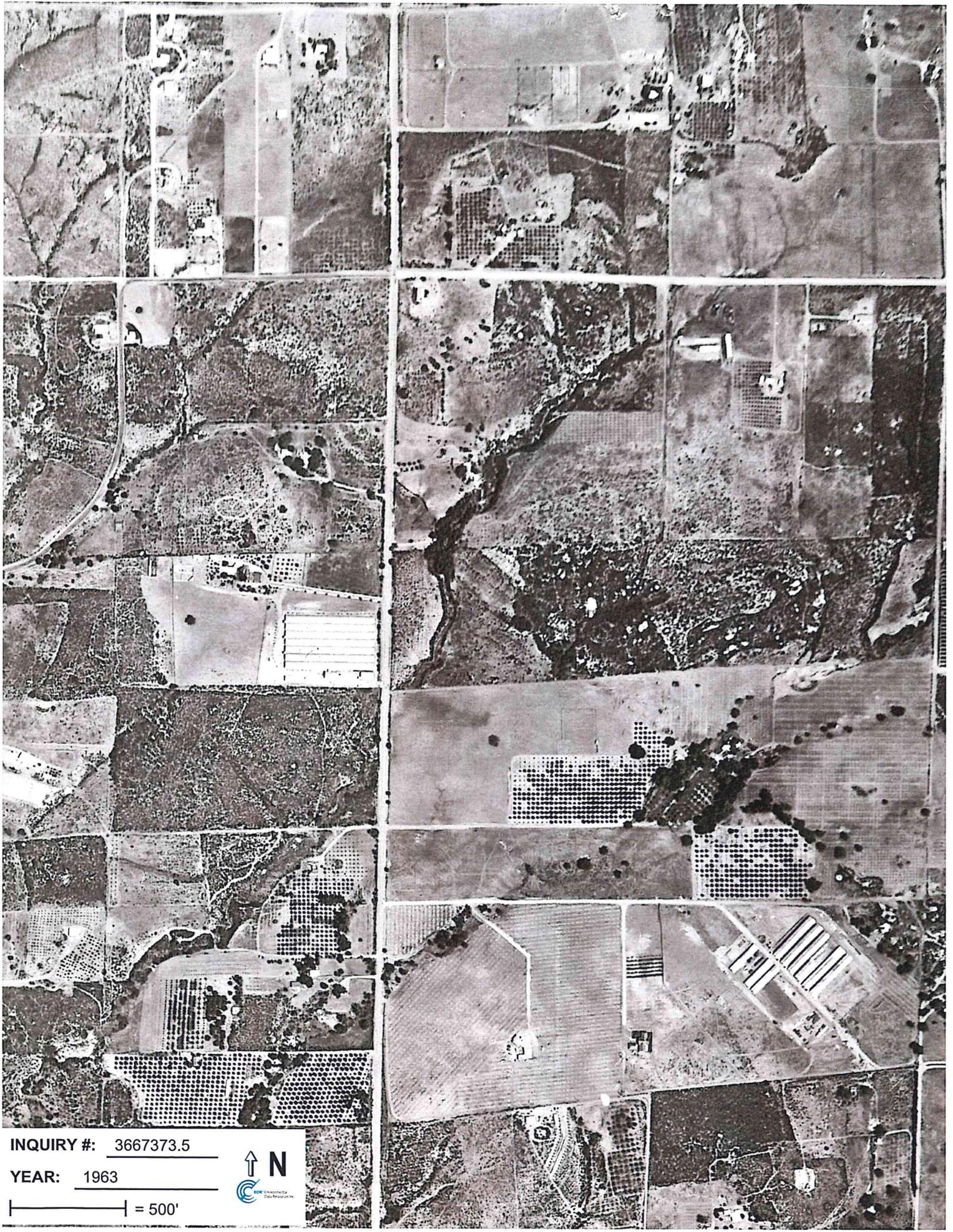


INQUIRY #: 3667373.5

YEAR: 1953

|—————| = 500'





INQUIRY #: 3667373.5

YEAR: 1963

| = 500'



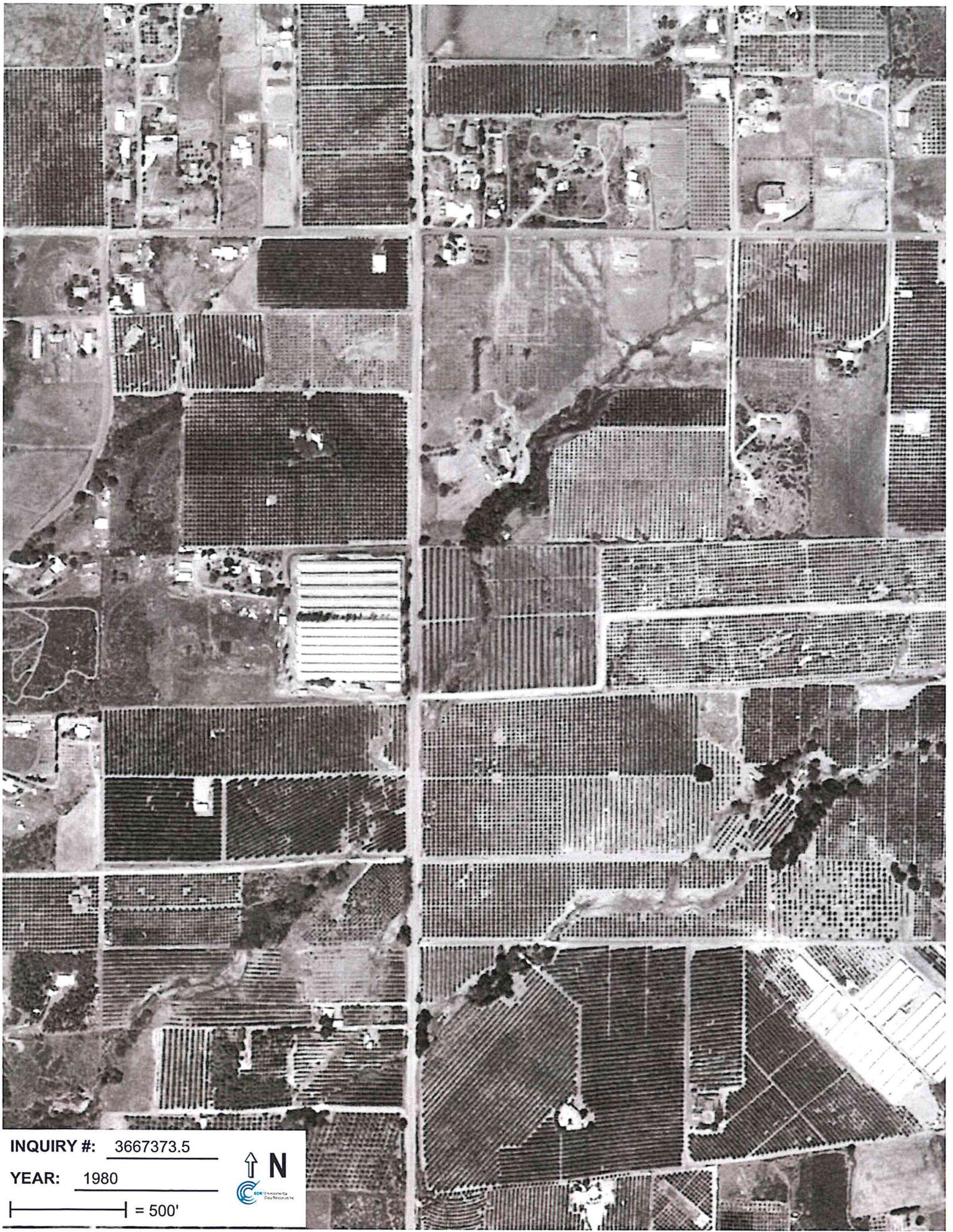


INQUIRY #: 3667373.5

YEAR: 1975

|—————| = 500'



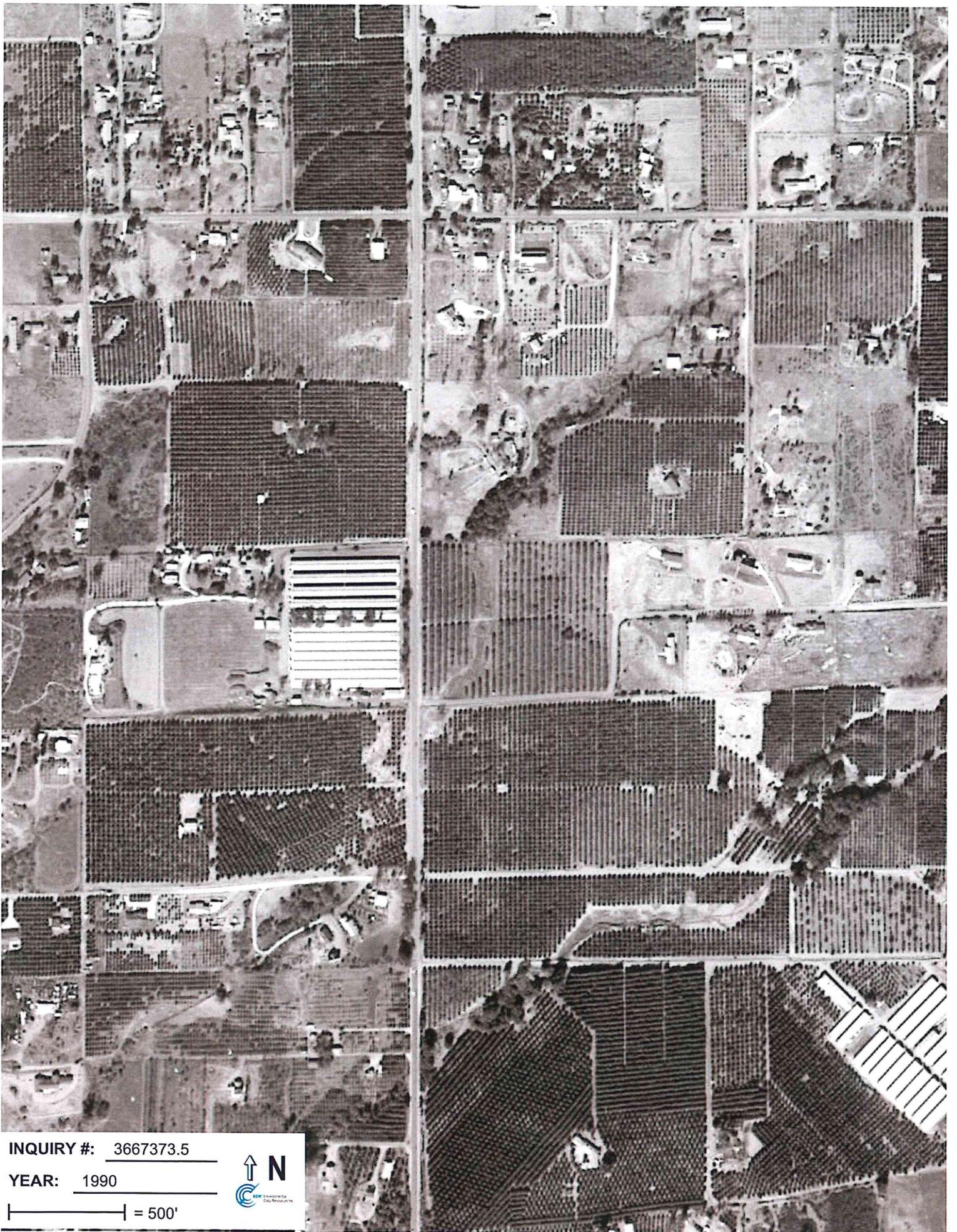


INQUIRY #: 3667373.5

YEAR: 1980

|—————| = 500'



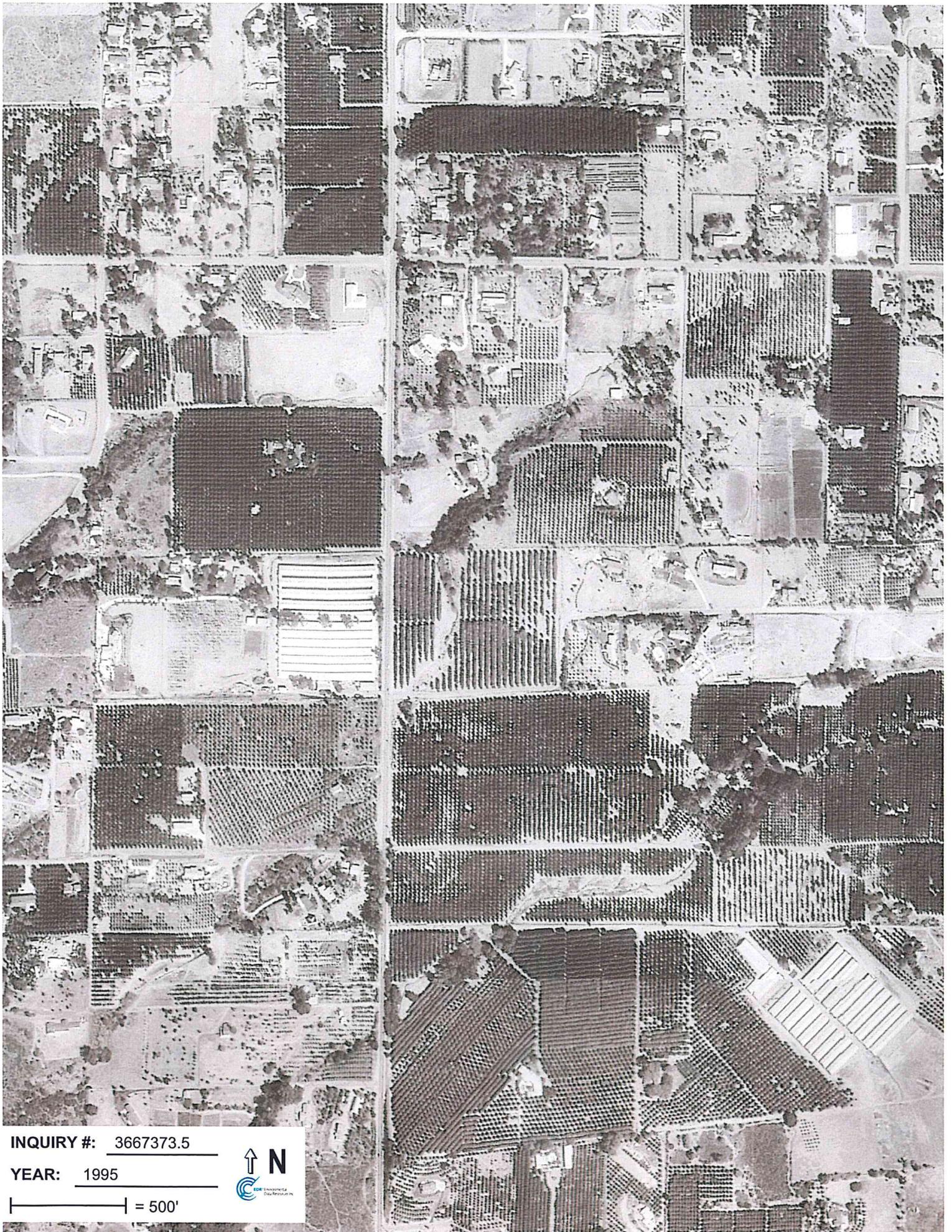


INQUIRY #: 3667373.5

YEAR: 1990

|—————| = 500'





INQUIRY #: 3667373.5

YEAR: 1995

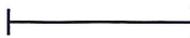
 = 500'





INQUIRY #: 3667373.5

YEAR: 2005

 = 500'





INQUIRY #: 3667373.5

YEAR: 2009

 = 500'





INQUIRY #: 3667373.5

YEAR: 2010

 = 500'





INQUIRY #: 3667373.5

YEAR: 2012

 = 500'



**11-Acre Parcel**

NE Intersection Cole Grade Rd. and Via Valencia  
Valley Center, CA 92082

Inquiry Number: 3667373.6

July 22, 2013

# The EDR-City Directory Image Report

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### SECTION

Executive Summary

Findings

City Directory Images

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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 type="checkbox"/>	Haines Criss-Cross Directory
1980	<input checked="" type="checkbox"/>	<input 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

NE Intersection Cole Grade Rd. and Via Valencia  
Valley Center, CA 92082

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

## FINDINGS

### CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<u>Via Valencia</u>			
2009	pg. A12	Haines Criss-Cross Directory	
2005	pg. A13	Haines Criss-Cross Directory	
2000	pg. A14	Haines Criss-Cross Directory	
1995	pg. A15	Haines Criss-Cross Directory	
1990	pg. A16	Haines Criss-Cross Directory	
1985	-	Haines Criss-Cross Directory	Street not listed in Source
1980	-	Haines Criss-Cross Directory	Street not listed in Source
1976	-	Haines Criss-Cross Directory	Street not listed in Source
1970	-	Haines Criss-Cross Directory	Street not listed in Source

## **City Directory Images**

## Cole Grade Rd

2009

29247	●	VANZANT Dale	OO	3
29330	●	GUILLEN Francisco	760-749-7307	4
		VARONA Victor	760-751-2059	5
29332	●	HALPERIN Cindi	760-749-1655	
		MAYFIELD Manka L	760-749-0917	1
29334	●	MALDONADO Antonio	OO	4
29368	♣●	BERNABEO Robert	760-751-1511	
29406		VELTRI Susan M	760-749-1677	
29433		STARRETT William	760-749-7285	+ 9
29435	★	GROSS EGG RANCH	760-749-1793	

X

## MILLCO LN

29520	♣●	ELLIOTT Russell	OO	4
29550		ARMSTRONG Alan	760-751-2856	7
		CASATANEDA Emiliano	760-751-5371	+ 9
		GARCIA Ruben	760-751-2912	7
		WHITE Lola	760-749-0893	
29743	●	GEE John D	760-749-4215Ⓢ	
29764		XXXX	OO	

X

## MILLER RD

29929		HENERY Jason	760-751-3488	7
	●	SNOWDER Charlie	OO	4
29939		XXXX	OO	

X

## CANE RD

**Cole Grade Rd 2005**

29247	● VANZANT Dale	OO	3
29315	● SPOELSTRA Steven	OO	+5
29330	● GUILLEN Francisco	760-749-7307	+5
	VARONA Apolinar	760-749-1458	+5
29332	● HALPERIN Cindi	760-749-1655	
	MAYFIELD Marika L	760-749-0917	1
29334	EMERY Jacqueline K	760-749-5594	1
	● MALDONADO Antonio	OO	+5
29336	CUFFEL Sherri	760-749-7922	4
	● MORENO Robert	OO	+5
29368	● BERNABEO Robert	OO	9
29406	VELTRI Susan M	760-749-1677	
29435	★ GROSS EGG RANCH	760-749-1793	
<b>X</b>	<b>MILLCO LN</b>		
29520	● ELLIOTT Russell	OO	4
29550	ARMSTRONG Geo W	760-749-0844	
	GALLEGOS Alfonso	760-749-0054	
	WHITE Lola	760-749-0893	
29743	● GEE John D	760-749-4215 ⊕	9
29764	○ LOGAN Susan A	760-749-4954	
<b>X</b>	<b>MILLER RD</b>		
29929	● SNOWDER Charlie	OO	+5
29939	● RIGAN Alice	OO	2
<b>X</b>	<b>CANE RD</b>		

**Cole Grade Rd 2000**

**X FRUITVALE RD**

29147	● TUSTISON Lawrence	OO	+0
29199	★ GIESE HANK EQUIP	760-749-0928	
	★ GIESE HENRY R	760-749-0928	
29209	● HOFLER Deborah	OO	+0
	RAMSAY William Kent	760-749-3687	
29241	● MARLER Kevin	OO	9
29243	● MCHALE John	OO	9
29245	● MCFADDEN Kenneth	OO	+0
29332	● HALPERIN Cindi	760-749-1655	
	● HALPERIN Marika L	760-749-0917	9
29334	● KREAMIER Fred	760-751-2564	8
	TUOMI A	760-751-9813	+0
29336	● CUFFEL Mark	OO	9
29368	● BERNABEO Robert	OO	9

**X MILLCO LN**

29406	● VELTRI Carmine	760-749-1677	
29433	● ARNOLD Leola	OO	+0
29435	● FOSTER H	OO	+0
	★ GROSS EGG RANCH	760-749-1793	
29471	XXXX	OO	
29472	XXXX	OO	
29534	XXXX	OO	
29550 . . . . .	<b>APARTMENTS</b>		
	ARMSTRONG Geo W	760-749-0844	
	ARMSTRONG George W	760-751-8755	1
	GALLEGOS Alfonso	760-749-0054	
	TINOCO Servando	760-749-6647	
	WHITE Lola	760-749-0893	3

Cole Grade Rd

2000

COLE GRADE RD

92082 CONT

29550 .....

29554

XXXX

00

29727

XXXX

00

29743

● GEE John D

760-749-4215

9

29764

LOGAN Susan A

760-749-4954

4

X

MILLER RD

29929

● LOGAN Anthony

00

+0

29939

● PATE Jerry

00

+0

29950

XXXX

00

X

CANE RD

## Cole Grade Rd

1995

29147	XXXX	00	
29199	★GIESE HANK EQUIP	749-0928	
	★GIESE HENRY R	749-0928	
29209	●RAMSAY William Kent	749-3687	0
29225	XXXX	00	
29241	XXXX	00	
29243	●MCHALE John	00	+5
29330	●MEHRING James	00	
	★NOVA MOLD	749-9149	
29332	HALPERIN Cindi	749-1655	9
29334	XXXX	00	
29336	●CUFFEL Mark	00	
29406	VELTRI Carmine	749-1677	
29433	XXXX	00	
29435	FOSTER Dawn	749-0871	
	FOSTER Gary	749-0871	
	★GROSS EGG RANCH	749-1793	
29471	RAMIREZ J Guadalupe	749-8468	
29472	XXXX	00	
29534	XXXX	00	
29550	ARMSTRONG George W	751-8755	1
	GALLEGOS Alfonso	749-0054	
	TINOCO Servando	749-6647	9
	WHITE Lola	749-0893	3
29554	XXXX	00	
29727	XXXX	00	
29743	●JOHNSTON Marte	00	
29764	LOGAN Susan A	749-4954	4
29929	●JONES Harold J	749-0061	
29939	●MORRIS William E Jr	749-4130	3

## Cole Grade Rd

1990

29147	XXXX	00
29199	★GIESE HANK EQUIP	749-0928
	★GIESE HENRY R	749-0928
29209	RAMSAY William Kent	749-3687 +0
29225	XXXX	00
29330	MEHRING Jas J	749-2867 2
	★NOVA MOLD	749-9149 2
29332	HALPERIN Cindi	749-1655 9
	RCOHA Gloria	749-2480 +0
	ROCHA Jaime	749-2480 +0
29334	XXXX	00
29406	VELTRI Carmine	749-1677
29433	XXXX	00
29435	FOSTER Dawn	749-0871
	FOSTER Gary	749-0871
	★GROSS EGG RANCH	749-1793
29471	RAMIREZ J Guadalupe	749-8468 5
29472	XXXX	00
29534	BARCENAS Isauro	749-2263 8
29550	ARMSTRONG Geo W	749-0844
	GALLEGOS Alfonso	749-0054
	TINOCO Servando	749-6647 9
29554	WHITE Lola	749-0893 5
29727	RITTENHOUSE Donald	749-8803 9
	RITTENHOUSE Pamela	749-8803
29743	HEINEN Dennis L	749-3575 4
29764	XXXX	00
29929	JONES Harold J	749-0061 3
29939	MORRIS Wm E	749-0992
29950	XXXX	00

## Cole Grade Rd

1985

29010	IWAKOSHI SHO	749-0677	
29147	ERWIN GENE A	749-1864	8
	JOHNSON ALMA L	749-1792	
29199	GIESE HANK EQUIP	749-0928	9
	GIESE HENRY R	749-0928	
29209	MAC TOOL DIS K RMSY	749-1592	+5
29225	XXXX	00	
29330	MEHRING JAS J	749-2867	2
	NOVA MOLD	749-9149	2
29334	HUNTINGTON H E	749-3908	2
29368	JONES ROBT J	749-0099	
29406	VELTRI CARMINE	749-1677	
29433	POWER SWING	749-1101	4
	SUNLAND MARKETING	749-1101	2
	WHITE PHILIP R	749-0268	1
29435	FOSTER GARY	749-0871	0
	GROSS EGG RANCH	749-1793	7
29471	RAMIREZ J GUADALUPE	749-8468	+5
29472	XXXX	00	
29550	ARMSTRONG GEO W	749-0844	
	GALLEGOS ALFONSO	749-0054	
29554	WHITE LOLA	749-0893	+5
29743	HEINEN DENNIS L	749-3575	4
29764	FIERRO JESSE	749-1951	3
29929	JONES HAROLD J	749-0061	3
29939	MORRIS WM E	749-0992	9
29950	XXXX	00	
30053	XXXX	00	

## Cole Grade Rd

1980

29010	IWAKOSHI SHO	749-0677	4
29147	ERWIN GENE A	749-1864	8
	JOHNSON HIRAM T	749-1792	4
29199★	<b>GIESE HANK EQUIP</b>	<b>749-0928</b>	9
	GIESE HENRY R	749-0928	9
29209	RAMSAY W K	749-1592	4
29225	XXXX	00	
29334	MCPARTLIN GEOFFREY	749-2162	9
29368	JONES ROBT J	749-0099	5
29406	VELTRI CARMINE	749-1677	4
29433	LEVENS DAVID	749-0576	9
	★ <b>MONROE&amp;DAVID INC</b>	<b>749-3533</b>	+0
29435	FOSTER GARY	749-0871	+0
	★ <b>GROSS EGG RANCH</b>	<b>749-1793</b>	7
	SANCHEZ MANUEL	749-3466	8
29471	LOPEZ MIGUEL	749-9327	+0
29472	XXXX	00	
29550	ARMSTRONG GEO W	749-0844	5
	CARRANZA JESUS G	749-3799	+0
	GALLEGOS ALFONSO	749-0054	4
29929	CHRISTIAN DONALD G	749-0768	6
29939	MORRIS WM E	749-0992	9
29950	XXXX	00	
30065	BERNARDIN LIONEL R	749-1751	7
	CHRISTENSEN LYLE	749-3345	9
	WINTER L H	749-1089	8
30066	XXXX	00	

## Cole Grade Rd

1976

29010	IWAKOSHI SHO	749-0677	4
29147	JOHNSON HIRAM T	749-1792	4
29199	GIESE HENRY R	749-0928	5
29209	RAMSAY W K	749-1592	4
29225	WAITES WILLIE D	749-0562	4
29334	MEYER RAY	749-1356	4
29368	JONES ROBT J	749-0099	5
29406	VELTRI CARMINE	749-1677	4
29433	VANDUSEN L W MRS	749-1366	+6
29435	KULJIS MARY	749-1793	4
	KULJIS VINCENT	749-1793	4
	RAMOS TIMOTEO M	749-0752	4
29471	PATTERSON LARRY	749-0570	4
	WOODS LEONARD	749-1194	+6
29472	XXXX	00	
29550	ARMSTRONG GEO	749-0844	5
	GALLEGOS ALFONSO	749-0054	4
29743	DUMNICH CARLA	749-1528	5
	DUMNICH MICHAEL	749-1528	+6
	HUFF CARLOS D	749-1528	4
	HUFF EDNA H	749-0798	4
29764	ROSAS JOSE	749-0328	+6
29929	CHRISTIAN DONALD G	749-0768	+6
29939	XXXX	00	
29950	DAVIS EARL	749-0906	+6
30065	BERNARDIN L R	749-1751	4
	POTTORFF EMILY	749-0665	+6

Cole Grade Rd

1970

29147	JOHNSON	HIRAM	T	745-1381+0
29209	RAMSAY	W	K	745-4488+0
29334	MEYER	RAY		745-6928
29368	JONES	ROBT	J	746-3988
29406	SMITH	ISABEL	L MRS	745-0342
29433	SMITH	LEHMAN	MRS	745-7134
29435	KULJIS	MARY		745-1392

## Cole Grade Rd

1970

	KULJIS VINCENT	745-1392
29471	GIESE HENRY R	746-1404
29550	ARMSTRONG GEO W	746-2421
	GALLEGOS ALFONSO	746-3063
29743	HUFF CARLOS D	745-1528
30065	WOODSHANK ANTHONY R	745-8340+0
	WOODSHANK DAWNETTE	745-8340+0
30088	LOUTZENHISER ROY	747-1363+0

Via Valencia 2009

5228	XXXX		OO	
5230	NORDSTORM John	858-792-0325		7
	1/2 CUARESMA Hedrian	858-598-5349		+ 9
5232	● NELSON J P	858-974-1599		3
5236	XXXX		OO	
5238	BAKER William	858-565-4755		7
	1/2 KATSIMPIRIS George	858-277-5515		6
5242	XXXX		OO	
5244	XXXX		OO	

X PORTOBELO DR

★ 2 BUS 63 RES 12 NEW

VIA VALENCIA 92082  
VALLEY CENTER

WEALTH CODE 6

X WILHITE LN

30294	● BARBER Glendale		OO	5
30295	● LEON Gina L	760-751-8760		2
30325	★ NORTH CO PERCISSION WELDING	760-749-9292		4
	● VILLARREAL Joe	760-749-7029		
30346	● SIMMONS Gailand		OO	0
30373	● THOMPSON John		OO	7
30393	● ARCHIPOV Amy	760-749-3110		
30398	● FRANCESCHIEL Tony	760-749-9133		0
30414	● SHOEMAKER William		OO	4
30506	● ODEEN Per		OO	

★ 1 BUS 9 RES 0 NEW

Via Valencia

2005

# VIA VALENCIA 92082 VALLEY CENTER

WEALTH CODE 6

30294	● MORCOMBE George	OO	0
30295	● LEON Gina L	760-751-8760	2
<b>X</b>	<b>WILHITE LN</b>		
30325	★ NORTH CO PERCISSION	760-749-9292	4
	WELDING		
	● VILLARREAL Joe	760-749-7029	
30346	● SIMMONS Galland	OO	0
30373	THOMPSON John	760-751-0893	4
30393	● ARCHIPOV V	760-749-3110	6
30398	● FRANCESCHIELLO	OO	0
	George		
30414	● SHOEMAKER William	OO	4
	VOS David	760-749-8918	+5
30506	● ODEEN Per	OO	9
	★ 1 BUS	10 RES	1 NEW

## Via Valencia

2000

5230	PROCHAZKA Marek	858-569-1287	9
5232	XXXX	OO	
5234 1/2	BAKER Barry	858-576-2218	6
5236 1/2	SALANI Deborah	858-569-7610	8
	SALANI Michael	858-569-7610	8
5240	WATANABE Shinsuke	858-279-2568	9
5242	MCCARTHY Darin P	858-467-1080	9
5244 1/2	HEFTY Amy	858-874-3115	9
	HEFTY Andy	858-874-3115	9
★	0 BUS	67 RES	0 NEW

## VIA VALENCIA 92082 VALLEY CENTER

WEALTH CODE 6.0

30294	● MORCOMBE George	OO	+0
30295	● CARRILLO Manuel	OO	+0
30325	● VILLARREAL Joe	760-749-7029	
30346	● SIMMONS Gailand	OO	+0
30373	● ZAJDA Peter	OO	+0
30393	● ARCHIPOV A	760-749-3110	6
	● ARCHIPOV V	760-749-3110	6
30398	● FRANCESCHIEL G	OO	+0
30506	● ODEEN Per	OO	9
30521	XXXX	OO	
★	0 BUS	10 RES	5 NEW

## Via Valencia

1995

5226	WILSON Dan	573-1541	2
5226½	PATRAGONI M	278-3750	4
5232	GROUT Philip K	627-9407	2
5234	ARNOLD J A	492-9529	2
	GILLELAND Thomas O	492-9529	2
5238½	KILPATRICK Bryan J	571-0052	4
5240	XXXX	00	
5242½	NELSON Derek W	467-0798	1
★	0 BUS	43 RES	0 NEW

## VIA VALENCIA (88) 92082 VALLEY CENTER

WEALTH CODE 6.3

30294	● MORCOMBE George M	749-1310	8
30325	VILLARREAL Joe	749-7029	8
30393	CHAMBERS J R	749-7710	
	CHAMBERS Shirlene	749-7710	
30398	● FRANCESCHIEL G	00	+5
30521	ORTON C Steven	749-1869	9
★	0 BUS	6 RES	1 NEW

## VIA VALENTE 92029 ESCONDIDO

WEALTH CODE 9.0

1405	● JOHNSON Robert	00	+5
1406	● OLSON Kenneth	00	+5
1410	● HUNTSINGER Jas	747-2976	
1414	● WELLS James L	743-5943	

Via Valencia

1990

## VIA URNER WAY (81) 92003 BONSALL

8243	SPURLOCK R L	728-4336	4
8260	BRAZIER M L	749-8711	6
★	0 BUS	2 RES	0 NEW

## VIA VALENCIA (88) 92082 VALLEY CENTER

30294	MORCOMBE George M	749-1310	8
30325	VILLARREAL Joe	749-7029	8
	VILLARREAL Joe Chld	749-0856	+0
30393	CHAMBERS J R	749-7710	
	CHAMBERS Shirlene	749-7710	
30398	THOMAS Dorothy	749-8762	9
	THOMAS W G	749-8762	
30521	ORTON C Steven	749-1869	9
★	0 BUS	8 RES	1 NEW

## VIA VALENTE 92025 ESCONDIDO

1405	XXXX	00	
1406	XXXX	00	
1410	HUNTSINGER Jas	747-2976	
1414	WELLS Jas L	743-5943	

**11-Acre Parcel**

NE Intersection Cole Grade Rd. and Via Valencia  
Valley Center, CA 92082

Inquiry Number: 3667373.7  
July 19, 2013

## EDR Environmental Lien and AUL Search

## EDR Environmental Lien and AUL Search

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

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

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

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

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## EDR Environmental Lien and AUL Search

### TARGET PROPERTY INFORMATION

#### ADDRESS

NE Intersection Cole Grade Rd. and Via Valencia  
11-Acre Parcel  
Valley Center, CA 92082

#### RESEARCH SOURCE

##### Source 1:

San Diego Recorder  
San Diego, CA

#### PROPERTY INFORMATION

##### Deed 1:

Type of Deed: deed  
Title is vested in: Armstrong Farm Inc  
Title received from: Robert A & Margaret J Tippet Birchard C Jr & Mario  
Deed Dated: 3/1/1985  
Deed Recorded: 4/1/1985  
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: Armstrong Farm Inc  
  
Parcel # / Property Identifier: 188-120-12-00  
  
Comments: See Exhibit

#### ENVIRONMENTAL LIEN

Environmental Lien: Found  Not Found

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

AULs: Found  Not Found

**Deed Exhibit 1**

RECORDING REQUESTED BY

UNION LAND TITLE COMPANY

2042

85-124148

RECORDED IN  
OFFICIAL RECORDS  
OF SAN DIEGO COUNTY, CA

1985 APR 11 AM 8:00

VERA L. LYLE  
COUNTY RECORDER

AND WHEN RECORDED MAIL TO

Armstrong Farm Inc.  
29550 Cole Grade Rd.  
Valley Center, Ca. 92082

RF	4
AR	2
TLR	6
MG	1
UF	10
TXP	151.80

MAIL TAX STATEMENTS TO

the above addressee

UNINCORPORATED AREA

SPACE ABOVE THIS LINE FOR RECORDER'S USE

CAT. NO. NN00582  
TO 1923 CA (2-83)

### Individual Grant Deed

THIS FORM FURNISHED BY TICOR TITLE INSURERS

188-120-12

The undersigned grantor(s) declare(s):

Documentary transfer tax is \$ 151.80

( ) computed on full value of property conveyed, or

( ) computed on full value less value of liens and encumbrances remaining at time of sale.

( X ) Unincorporated area: ( ) City of \_\_\_\_\_, and

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

ROBERT A. TIPPET AND MARGARET J. TIPPET and  
BIRCHARD C. FOSTER, JR AND MARION L. FOSTER

hereby GRANT(S) to ARMSTRONG FARM INC.

the following described real property in the  
County of San Diego

, State of California:

See EXHIBIT "A" attached

Dated: March 1, 1985

STATE OF CALIFORNIA  
COUNTY OF Orange

On April 11, 1985 before me, the undersigned, a Notary Public in and for said State, personally appeared Robert A. Tippet, Margaret J. Tippet, Birchard C. Foster Jr.,

J. Tippet, Birchard C. Foster Jr., \* personally known to me or proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the within instrument and acknowledged that they executed the same.

WITNESS my hand and official seal.  
\* and Marion L. Foster

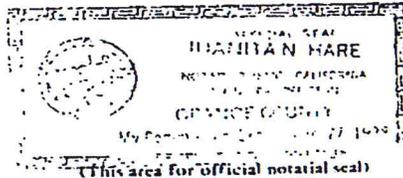
Signature

Robert A. Tippet  
Robert A. Tippet

Margaret J. Tippet  
Margaret J. Tippet

Birchard C. Foster, Jr.  
Birchard C. Foster, Jr.

Marion L. Foster  
Marion L. Foster



Title Order No. 20267-04

Escrow or Loan No. 115

MAIL TAX STATEMENTS AS DIRECTED ABOVE

OFFICIAL RECORDS, SAN DIEGO COUNTY, VERA L. LYLE, RECORDER

ALL-PTN  
12  
120  
188



2043

## UNION LAND TITLE COMPANY

### EXHIBIT "A"

All that portion of the South Half of the Northeast Quarter of Section 6, Township 11 South, Range 1 West, San Bernardino Meridian, in the County of San Diego, State of California, according to United States Government Survey, approved September 21, 1875, described as follows:

Beginning at a point in the Westerly line of said South Half of the Northeast Quarter distant thereon North  $00^{\circ}38'30''$  East, 655.17 feet (record 655.00 feet and 2 inches) from the Southwest corner thereof, as said Southwest corner is shown on Licensed Survey Map No. 451, filed in the office of the County Recorder of said San Diego County June 26, 1933, said point being herein designated as Point "A"; thence North  $00^{\circ}38'30''$  East along said Westerly line 679.94 feet to the Northwest corner thereof; thence North  $88^{\circ}33'00''$  East (record North  $88^{\circ}32'36''$  East) along the Northerly line of said South Half of the Northeast Quarter 785.54 feet; thence leaving said Northerly line South  $00^{\circ}26'40''$  West, 650.84 feet; thence South  $86^{\circ}26'58''$  West, 789.39 feet to the point of Beginning.

EXCEPTING therefrom that portion thereof, if any, lying Southerly of a line described as follows:

Beginning at the point herein above designated as Point "A"; thence North  $86^{\circ}26'38''$  East, 2664.89 feet to a point in the Easterly line of said South Half of the Northeast Quarter distant thereon North  $01^{\circ}33'41''$  East, 694.83 feet (Record 694.00 feet 10 inches) from the Southeast corner of said South Half of the Northeast Quarter and the end of the herein described line.

OFFICIAL RECORDS, SAN DIEGO COUNTY, VERA L. LYLE, RECORDER

**11-Acre Parcel**

NE Intersection Cole Grade Rd. and Via Valencia  
Valley Center, CA 92082

Inquiry Number: 3667373.11

July 16, 2013

# EDR Building Permit Report

Target Property and Adjoining Properties

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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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# 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 Jul 16, 2013.

### TARGET PROPERTY

NE Intersection Cole Grade Rd. and Via Valencia  
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>TP</u>	<u>Adjoining</u>
2012	San Diego County, Development Services		
2011	San Diego County, Development Services		X
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		
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>TP</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

## TARGET PROPERTY FINDINGS

### TARGET PROPERTY DETAIL

**NE Intersection Cole Grade Rd. and Via Valencia  
Valley Center, CA 92082**

No Permits Found

## ADJOINING PROPERTY FINDINGS

### ADJOINING PROPERTY DETAIL

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

#### COLE GRADE RD

29550 COLE GRADE RD

Date: 7/25/2011  
Permit Type: ARCHIVE DOCUMENT PLACE HOLDER- BLDG DIV  
Description: There is no Scope of Work for this application., "This is not a permit. It is an archive document tracking number only. Public facing files do not exist. Some electronic permit is available for this parcel; however, it is not available by phone  
o ...

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: 1099-1006-001  
Status: INAC  
Valuation: \$0.00  
Contractor Company:  
Contractor Name:

## 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 alphanumerical 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# 188-120-12-00  
Property Name: 11(E)-ACCES  
ARMSTRONG

Property Location: NE INTERSECTION  
OF COLE GRADE RD to VIA VALENCIA  
VALLEY CENTER, SAN DIEGO CO.

**B. INTERVIEW INFORMATION**

Date/Time: \_\_\_\_\_  
Interviewer: JOE C.  
Person Interviewed: ALAN ARMSTRONG  
Title/Company: \_\_\_\_\_

In Person  
 By Telephone, Number: (760) 901-5054  
 By Facsimile, Number: \_\_\_\_\_  
 Email: \_\_\_\_\_

1. What is your relationship to the property? MANAGER, ARMSTRONG FARMS

2. Do you have a good knowledge regarding the uses and physical characteristics of the property?  
 Yes  
 No If not, who does? \_\_\_\_\_ Phone Number: \_\_\_\_\_

3. Do you have a good knowledge regarding the activities/processes conducted at the property?  
 Yes  
 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 HAS BEEN AN ORANGE GROVE AS LONG  
AS THE ARMSTRONGS HAVE OWNED IT. THE ARMSTRONGS  
PURCHASED THE PROPERTY IN 1991 AS A ORANGE GROVE

**PHASE I INTERVIEW QUESTIONNAIRE**

2. To your knowledge, are there:

Hazardous substances present on the site?  
 Petroleum products present on the site?

Yes  No  
 Yes  No

If the preceding items are present, are there indications of any of the following:

An existing release?  
 A past release?  
 A threat of their release?

Yes  No  
 Yes  No  
 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 type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Petroleum products?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Chemicals?	<input type="checkbox"/> Yes	<input checked="" 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: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**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: \_\_\_\_\_

\_\_\_\_\_

6. To your knowledge, are you aware of any of the following on the property:

Water Wells? Yes No                      Disposal Wells? Yes No  
 Clarifiers? Yes No                      Underground Irrigation Systems? Yes No

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

\_\_\_\_\_

\_\_\_\_\_

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?		X	
Environmental audit reports?		X	
Environmental permits?		X	
Storage tank registration?		X	
Material safety data sheets (MSDS)?		X	
Community right-to-know plans?		X	
Safety plans?		X	
Spill Prevention, Countermeasure, & Control Plans?		X	
Illness and Injury Prevention Plans?		X	
Reports regarding hydrogeologic conditions on the property or surrounding area?		X	
Hazardous waste generator notices or reports?		X	
Geotechnical studies?		X	

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.

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

# 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, Meniffee

#### 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

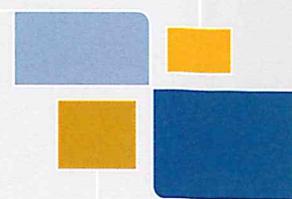
- Ocean Beach Bikeway Extension, City of San Diego, San Diego

#### Educational Facility

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

#### 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**

3190 Airport Loop Drive, Suite J1  
Costa Mesa, California 92626  
T: 714-549-8921 F: 714-549-1438

**Riverside County**

40880 County Center Drive, Suite R  
Temecula, California 92591  
T: 951-600-9271 F: 951-600-9215

**Los Angeles County**

25050 Avenue Kearney, Suite 110A  
Valencia, California 91355  
T: 661-255-5790 F: 661-255-5242

**Desert Region**

42-240 Green Way, Suite E  
Palm Desert, California 92211  
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