PETRA

PHASE I ENVIRONMENTAL SITE ASSESSMENT, SHADOW RUN RANCH, THIRTEEN PARCELS LOCATED ON PALA ROAD AT ADAMS DRIVE, SAN DIEGO TRACT NO. TM 5223 RPL-2, PALA/PAUMA VALLEY, SAN DIEGO COUNTY, CALIFORNIA

SHADOW RUN RANCH, LLC.

APRIL 30, 2012
J.N. 174-12

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April 30, 2012
J.N. 174-12

Ms. Sherrill Schoepe
SHADOW RUN RANCH, LLC.
P.O. Box 1249
Pauma Valley, CA. 93061

Subject: **Phase I Environmental Site Assessment, Shadow Run Ranch, Thirteen Parcels Located on Pala Road at Adams Drive, San Diego Tract No. TM 5223 RPL-2, Pala/Pauma Valley, San Diego County, California.**

Dear Ms. Schoepe:

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. 1090-12, dated March 27, 2012, and in conformance with the scope and limitations of the standards set forth in the American Society for Testing and Materials (ASTM) Practice E 1527-05 and the EPA's All Appropriate Inquiry (AAI) regulations 40 CFR Part 312. This assessment has revealed potential recognized environmental conditions within the subject site. These conditions and recommendations pertaining to them are discussed within this report.

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
President, Sr. Principal Engineer
PE 36641, REA-I 1655

EXECUTIVE SUMMARY

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Shadow Run Ranch,
Thirteen Parcels Located on Pala Road at Adams Drive
San Diego Tract No. TM 5223 RPL-2,
Pala/Pauma Valley, 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. Our field reconnaissance, data gathering and compilation was 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 comprised of approximately 248± acres and is located approximately 350 feet northwest of the intersection of State Highway 76 and Adams Drive, in Pauma Valley, San Diego County, California. .

- The current proposed project design consists of 45 residential lots of a minimum of 2.0 acres net each within a total development area of 114.7 acres. Further, the other proposed areas of use consists a 91.7-acre biological open space lot to provide protections for sensitive habitat along Frey Creek; a 33.6-acre agricultural open space lot that will accommodate an on-going agricultural operation; and an 8.1-acre recreational open space lot that will provide a picnic area, playground, and tennis court.

- At the time of our investigation, the northeastern portion of the site was vacant and undeveloped land, while the remainder of the site was used for the cultivation of avocado and citrus trees.

- The subject site has a moderate to steep gradient ascending from the southwest to the northeast portion of the site. The highest elevations within the property form a ridge within the northeast portion of the site that traverses from the northwest to the southeast.

- Several buildings are located within the southwest portion of the site which is the operation center of the ranch. The operation center includes houses, mobile homes, a workshop, fuel tanks and dispensers, a chemical storage building, storage sheds, and covered storage areas. The workshop contained drums and containers of oil, solvents, and gas along with various tools and equipment. Staining was noted on the concrete floor.

- The proposed biological open space easement extends along the western-northwestern boundary of the site and includes several branches of Frey Creek. Three water well stations and one burn site were observed within this area along the side of the main branch of the creek.

- The remainder of the site consists of avocado and citrus groves. Within the groves are several water wells and windmills. The windmill areas have concrete pad foundations. Five windmills are diesel powered and the remainders are electric powered. Dark staining of soils were noted in the immediate vicinity of the diesel powered windmills. Several pole-mounted transformers are also located within the groves by the electrical windmills and wells.

- Based on information obtained during this investigation, the site appears to have been predominantly vacant undeveloped land, but having some groves in the southwest portion of the site since at least 1939. From approximately 1946 through the 1970's, different portions of the land were brought into cultivation and planted with groves. However, visible structures were not present prior to the late 1970s. Historic information dating back to 1901 was reviewed during this investigation.

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.

The following areas represent a potential recognized environmental condition with regards to the subject site.

1. Workshop: staining of the concrete and the contents within and surrounding the area.
2. Fuel tank building and dispensers: potential for hydrocarbon spills.
3. Two smudge-pot storage areas: potential for hydrocarbon spills.
4. Chemical storage building and washout area: pesticide residues.
5. Covered storage area: potential hydrocarbon and pesticide residues.
6. Fuel tank area (red diesel) and dispenser: potential hydrocarbon spills.
7. All water well pumps locations: pesticide residues (due to potential mixing area).
8. Burn site area along Frey creek: metals and pesticide residues.
9. Diesel windmill sites: potential hydrocarbon spills.
10. Grove areas and drainage channels: pesticide residues.

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 wells are not intended for future use, it is recommended that they 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. 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.
3. 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.

4. It is unknown if asbestos-containing materials or lead-based paints are present in the homes/mobile homes located on the site. If the homes/mobile homes are to be demolished, it is recommended that they be assessed for asbestos-containing materials and lead based paints. If present, these materials should be abated prior to demolition in accordance with current regulations.

5. It is recommended that all trash and debris observed on the site be removed and disposed in accordance with current regulations.

6. Disposal of fluorescent lights and ballasts need to be in accordance with applicable regulations.

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PHASE I ENVIRONMENTAL SITE ASSESSMENT

Shadow Run Ranch,
Thirteen Parcels Located on Pala Road at Adams Drive
San Diego Tract No. TM 5223 RPL-2,
Pala/Pauma Valley, 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 TRS Consultants for Shadow Run Ranch, LLC. and Ms. Sherrill Shoepe for their exclusive use. The 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, odorous areas, 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 portions of Sections 5 and 6, Township 10 South and portions of Sections 31 and 32, Township 9 South, Range 1 West, San Bernardino Base and Meridian. The site elevation ranges from approximately 740 to 1,430 feet above mean sea level (msl). A site location map is included as Figure 1.

The subject site is comprised of approximately 248± acres and is located approximately 350 feet northwest of the intersection of State Highway 76 and Adams Drive, in Pauma Valley, California. . At the time of our investigation, the northeast and western portions of the site were vacant and undeveloped land, while the remainder of the site was used for the cultivation of avocado and citrus trees. 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 predominantly vacant undeveloped land, but having some groves in the southwest portion of the site dating back to at least 1939. From approximately 1946 through the 1970's different portions of the land were brought into cultivation and planted with groves. However, visible structures were not present prior to the late 1970s. Historical information reviewed during this investigation includes aerial photographs (dating back to 1939), USGS topographical maps (dating back to 1901), an environmental lien search and interviews. EDR reports that there is no Sanborn™ Map coverage for the site vicinity.

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

The site is located within the Transverse Range Geomorphic Province. The subject site is situated along the southwest facing side of Agua Tibia Mountain and descends down to the San Luis Ray River Valley. The site appears to be underlain by Young alluvial fan deposits of Holocene and late Pliocene age and older fan deposits of Pleistocene non-marine material as mapped on the 7.5' Pala Quadrangle from the California Division of Mines and Geology (CDMG, 2000).

Elsinore Fault

The Elsinore Fault has been mapped within the northeast portion of the site (CDMG, 1980). An Alquist Priolo Special Studies Zone has been established on the fault which requires a geologic investigation to locate the fault for proposed development within the special studies zone.

Surface Water

Surface water on the site observed during our reconnaissance was confined to the water reservoir within the northeastern portion of the site and the northeastern portion of Frey Creek where a dam has been placed near the upper pump station.

Groundwater

The site is located between the Agua Tibia Mountain and the San Luis Rey River Valley. Within the sub-basin, groundwater is generally unconfined within the fan deposits. Groundwater depth varies within the area due to water being pumped from nearby wells. Flow direction beneath the subject site is unknown but is believed to be toward the southwest and the San Luis Rey River. The groundwater flow in the sub-basin is to the south-southeast following the course of the San Luis Rey River, California Division of Water Resources (CDWR, 2000). Multiple groundwater wells were listed within the same section as 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 April 20, 2012. Site photographs are included as Plate A and a completed Site Inspection Checklist is located in Appendix A. Our site observations are summarized below.

1. Access to the site is from State Highway 76 along a gated, asphalt road.

2. The subject site has a moderate to steep gradient ascending from the southwest to the northeast portion of the site. The highest elevations within the property form a ridge within the northeast portion of the site that traverses from the northwest to the southeast.

3. Several buildings are located within the southwest portion of the site, which is the operation center of the ranch. These include the following:

   - One house and two mobile homes which are believed to be occupied. It is unknown if there are any septic tanks or leach fields associated with these residences.

   - One workshop containing miscellaneous pieces of equipment and tools, four 55-gallon and six 5-gallon motor oil drums, one 55-gallon and three 5-gallon transmission fluid drums, two 5-gallon solvent containers, eight 5-gallon plastic gas containers, three batteries, approximately four 5-gallon paint buckets, approximately twenty 1-gallon paint cans and approximately forty-five spray cans of paint, lubricants, cleaners and sealers. The shop contains fluorescent lighting and there are numerous areas of staining on the concrete floor.

   - Adjacent to the workshop is a metal storage container which contains eight tires, assorted tools, generators and six 5-gallon paint cans.

- Attached to the west side of the workshop is a small shed containing eight 5-gallon containers of various motor oils, hydraulic oils and drive train oil and one large compressor.

- A change station for the ranch tractors and trucks is fairly well contained and there was minor staining of the concrete in this area. One pole-mounted transformer is located adjacent the change station.

- A fuel tank building that is constructed with a concrete floor, concrete block walls approximately four feet high then wood walls and roofing. Two large fuel tanks are contained within the structure; one is an empty, approximately 20,000±-gallon gas tank and the other is an approximately 8,000±-gallon diesel tank. A dispenser for the fuel is located directly down slope of the structure.

- Next to the fuel dispenser is a small, open storage shed containing three 55-gallon steel waste oil drums, one 55-gallon plastic empty drum, one 35-gallon steel drum and one 5-gallon plastic oil container.

- Directly behind the fuel tank building is a storage shed containing five 5-gallon and approximately 28, 1-gallon cans of stain and paint.

- An area of pallets containing smudge pots, measuring approximately 30 feet by 70 feet was observed north of the fuel tank building and shed.

- One chemical storage building containing approximately 20 to 30 bags of snail pellets; 15 sulfur bags; approximately 35 to 45 tires; eight to ten 5-gallon containers of Ramik (rat poison); a "Round-Up" station, chemical dispensers and assorted tools and PVC supplies. At the western side of the chemical building is a washout area with a sink and outlet drain which drains directly on to the surrounding soils.

- Covered storage area with one pickup truck; one diesel tanker truck, one bob-cat; trailers, 3pallets of 46-0-0 fertilizer, eight tires, three 55-gallon oil drums, one approximately 1500- to 2000-gallon mixing tank, four 55-gallon hydraulic fuel drums, one pallets of quikrete and one pallet of red-e-crete. Staining of the soils was observed around the 55-gallon oil drums and the diesel truck.

- Northeast of the covered storage is an open above-ground tank storage area containing five, large, diesel tanks (red diesel). The two largest tanks are empty, two smaller tanks contain an unknown amount of diesel fuel and one tank contains an unknown amount of waste diesel. One fuel dispenser for diesel and one for waste diesel were located down slope of the tanks by the road.

4. An existing open water reservoir is located within the northeastern portion of the site and is used for irrigation of the groves. Due to the nature of use, i.e., irrigation, this reservoir is not considered to be a recognized environmental condition. Two pump stations with electrical boxes and two poles with three pole-mounted transformers on each are adjacent to the reservoir. A picnic area adjacent the reservoir has an empty stone storage building.

5. Northwest of the reservoir is a concrete structure (unknown use) with a date of 1947 etched in the concrete, a fountain, and what appears to be a possible septic system.

6. An upper pump station located in the northern portion of the property above the reservoir contains two concrete block structures. One concrete structure, with electrical meters on the outside, houses the water storage tank. The second concrete structure is for the well pump. Three pole-mounted transformers are located close to the upper pump station.

7. A proposed biological open space easement extends along the western-northwestern boundary of the site and includes several branches of Frey Creek. Two water well stations and a burn site were observed along the western side of the main branch of the creek. The northern well station includes a storage area with metal well pipe and rusted corrugated pipe. Electrical meters and three pole-mounted transformers are located within each of the well sites. The burn site is located adjacent to the lower (southern) well station and is approximately 110 feet by 125 feet in size. Petra was informed by a member of Shadow Run Ranch that the site was strictly used for burning vegetation from the groves. South of the lower (southern) well station is an area where smudge pots are stored. The smudge pots are directly placed on the soil.

8. A third well station located within the proposed biological open space easement is along the eastern side of the creek at the edge of the groves. An above ground, plastic water tank, electrical meter panel, a shed, one trailer mounted generator and three pole-mounted transformers were located within this area.

9. The remainder of the site within the central and southeastern portions consists of avocado and citrus groves. Within the groves are several water wells and windmills. Windmill areas had concrete pad foundations. Five windmills were diesel powered and the remainders are electric powered. Dark staining of the soils were noted around the diesel powered windmills. Several pole-mounted transformers, each containing three transformers, are also located within the groves by the electric windmills and wells.

Adjacent Site and Vicinity Observations

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

North — To the north of the subject site is natural open land of the Pauma Indian Reservation and Cleveland National Forrest.

East — To the east of the subject site is Adams Drive with residential and ranch land use beyond.

South — To the south of the subject site is State Highway 76 with an adjacent vacant parcel of land with the San Luis Rey River beyond.

West — To the west of the subject site are natural open land and the Agua Tibia Creek with residential and ranch land use 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 listing for the subject site. The EDR report mapped one site within the requested search radius. Thirty-five orphan sites (sites with inadequate address information to be mapped by EDR) were identified during the agency database search. Refer to the EDR Report in Appendix C for the search radius 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 B6; Shadow Run Ranch, 14504 HWY 76, Pauma Valley, CA (The Subject Site):
These listings are for the subject site of this Phase I report. The site is included on the Aboveground Petroleum Storage Tank Facilities (AST), San Diego Co. HMMD and (HAZNET) databases for above ground storage tanks (AST) and fertilizers. No releases or violations are reported. Based on the lack of recorded releases or violations, these listings do not currently appear to represent a recognized environmental condition with regards to the subject site.

Orphan Sites

Orphan sites are those that could not be located due to lack of complete address information. Thirty-five orphan sites are listed in the EDR report. Orphan sites may appear on more than one database. None of the other orphan sites listed in the EDR report are considered recognized environmental conditions, with regards to the subject site, due to the nature of the listings and/or their distance from the subject site.

Local Agencies

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

A. San Diego County

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

B. California Regional Water Quality Control Board

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

C. Geotracker

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

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

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

Evaluation of Records Search Results

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

Results of Aerial Photo Analysis

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

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, 1989, 1995, 2002, and 2005 were provided by EDR. A summary of the information obtained during the aerial photograph review follows. Copies of the aerial photographs obtained from EDR are included in Appendix C.

1939 Photograph

In the 1939 photograph, the site is mostly vacant land with orchards in the southwest portion of the property and areas of dry farming in the northeast portion. A major drainage pattern is visible crossing the site from the northeast toward the southwest. A recently planted citrus grove is visible to the southwest of the subject site.

1946 Photograph

In the 1946 photograph, the site is mostly vacant land with orchards in the southwest portion of the property and areas of dry farming in the northeast and south portions of the property. A major drainage pattern is visible crossing the site from the northeast toward the southwest. Random dirt roads are visible.

1953 Photograph

In the 1953 photograph, the site is mostly vacant land with orchards in the southwest portion of the property. A major drainage pattern is visible crossing the site from the northeast toward the southwest. Random dirt roads are visible. It appears that grading is under way in the area of the present day reservoir.

1963 Photograph

In the 1963 photograph, site is mostly vacant land with orchards in the southwest and northeast portion of the property. A major drainage pattern is visible crossing the site from the northeast toward the southwest. Residences to the east of the site have been constructed.

1975 Photograph

In the 1975 photograph, the northeast portion of the site is not visible. However, the southwest and central portions of the site contain orchards and the northeast (visible) portion is vacant land.

1989 Photograph

In the 1989 photograph, the majority of the site appears to be citrus groves. A couple of buildings appear in the main working area within the southwest portion of the site. The reservoir is visible in the northeast portion of the site.

1995, 2002, 2005 Photographs

In the 1995, 2002 and 2005 photographs, more buildings appear within the southwest portion of the site. Overall the site and vicinity appear similar to that observed during Petra's site inspection.

Historical USGS Topographic Maps

Petra reviewed the historical USGS topographic maps of the site and vicinity provided by EDR (1901, 1904, 1947, 1950, 1968, 1982, and 1988). No land use is shown for the subject site on the maps dated 1901 and 1904. Maps dated from 1947 and later show land use for groves within the subject site. The reservoir within the northeast portion of the site first appears on the 1968 map. These maps generally support observations made from the aerial photographs reviewed. Copies of the maps reviewed are provided in Appendix C.

Environmental Liens & 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. The results from this search indicated that there were no recorded Environmental Liens or AULs listed for the subject site. A copy of the lien and AUL search report is provided in Appendix D.

Fire Insurance Maps and City Directories

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

City Directories

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 property and Highway 76. EDR reports that the address researched were not identified in the research source. A copy of this search is presented in Appendix C.

Building Permits

Building Permit data provides information to identify current and/or former operations and structures/features which may represent a recognized environmental condition for the subject site. A search of building permits was conducted by EDR for this investigation. As of April 10, 2012, ERD does not have access to building permits in Pauma Valley, CA. A copy of this search is presented in Appendix C.

Interviews

Petra contacted Mr. Ron Deutschendorf, Chief Financial Officer, West Pauma Valley Ranch, Inc. and Ranch Manager of the subject site for approximately eight years. According to Mr. Deutschendorf, the site has been agriculture ranch with avocado and citrus groves. Mr. Deutschendorf reports that he is aware of two gas tanks, four red diesel tanks, and a water storage tank. Mr. Deutschendorf 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.

4. He stated that pesticides are used in conformance with county agriculture, weights and measures requirements.

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

Client Knowledge

An interview with the client (Ms. Shoepe) 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 building permit search, a review of historical aerial photographs and historical USGS topographic maps, fire insurance maps and interviews with people knowledgeable about the site. As of 4/10/12 EDR does not have access to building permit reports in the City where the target property is located (Pauma Valley, CA).

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

Several pole-mounted transformers were observed throughout the site. 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. Fluorescent light fixtures were present throughout the workshop building. Based on the age of the building it is possible that the light fixture ballasts contain PCBs. Additionally, fluorescent light tubes contain trace amounts of mercury.

Underground Storage Tanks

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

Above Ground Storage Tanks

Several ASTs were observed on the site and included the following:

- Two steel fuel storage tanks within a building in the main operation center. One is an empty, approximately 20,000±-gallon, gas tank and the other an approximately 8,000±-gallon diesel tank.
- Northeast of the operation center is an open area containing five, large diesel tanks (red diesel), the two largest tanks are empty, two other tanks are used for diesel and one is used for waste diesel.
- One empty water storage tank within a concrete structure at the upper pump station located north of the reservoir.
- One plastic water tank at a well station located along the eastern side of the creek within the open biological area.

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 wells 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, groves have been planted within the subject site as far back as the late 1930's. However, site specific information regarding pesticide use could not be obtained during this investigation.

Asbestos-Containing Materials

It is unknown if asbestos-containing materials are present in the structures located on the site. If the structures are to be renovated or demolished, it is recommended that they be assessed for asbestos-

containing materials. If present, asbestos-containing materials should be abated prior to demolition in accordance with current regulations.

Lead-Based Paints

It is unknown if lead-based paints are present in the structures located on the site. If the structures are to be renovated or demolished, it is recommended that they be assessed for lead-based paints. If present, lead-based paints should be abated prior to demolition in accordance with current regulations.

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

Several water wells were observed within the site. In the event the wells are not intended for future use, it is recommended that they 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 and included primarily scrap metal; containers of gas, oil, solvent and chemicals; paint cans; old tires and smudge pots. It is recommended that the debris be removed and disposed, in accordance with current regulations.

CONCLUSIONS

General Site Information

- The subject site is comprised of approximately 248± acres and is located approximately 350 feet northwest of the intersection of State Highway 76 and Adams Drive, in Pauma Valley, San Diego County, California. .

- The proposed project design consists of 45 residential lots of a minimum of 2.0-acres net each within a development area of 114.7acres. Additional land use will: a 91.7-acre biological open space lot to provide protections for sensitive habitat along Frey Creek; a 33.6-acre agricultural open space lot will accommodate an on-going agricultural operation; and an 8.1-acre recreational open space lot will provide a picnic area, playground, and tennis court.

- At the time of our investigation, the northeastern portion of the site was vacant and undeveloped land, while the remainder of the site was used for the cultivation of avocado and citrus trees.

- The subject site has a moderate to steep gradient ascending from the southwest to the northeast portion of the site. The highest elevations within the property form a ridge within the northeast portion of the site, which traverses from the northwest to the southeast.

- Several buildings are located within the southwest portion of the site which is the operation center of the ranch. The operation center includes houses, mobile homes, a workshop, fuel tanks and dispensers, chemical storage building, storage sheds, and covered storage areas. The workshop contained drums and containers of oil, solvents, and gas along with various tools and equipment. Staining was noted on the concrete floor.

- The proposed biological open space easement extends along the western-northwestern boundary of the site and includes several branches of Frey Creek. Three water well stations and one burn site were observed within this area, along the side of the main branch of the creek.

- The remainder of the site consists of avocado and citrus groves. Within the groves are several water wells and windmills. The windmill areas had concrete pad foundations. Five windmills are diesel powered and the remainders are electric powered. Dark staining of soils were noted in the immediate vicinity of the diesel powered windmills. Several pole-mounted transformers are also located within the groves by the electrical windmills and wells.

- Based on information obtained during this investigation, the site appears to have been predominantly vacant undeveloped land, but having some groves in the southwest portion of the site dating back to at least 1939. From approximately 1946 through the 1970's, different portions of the land were brought into cultivation and planted with groves. However, visible structures were not present prior to the late 1970s. Historic information dating back to 1901 was reviewed during this investigation.

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.

The following areas represent a potential recognized environmental condition with regards to the subject site.

1. Workshop: staining of the concrete and the contents within and surrounding the area.
2. Fuel tank building and pump station: For hydrocarbon spills.

3. Two smudge-pot storage areas: For hydrocarbon spills.
4. Chemical storage building and washout area: For pesticides.
5. Covered storage area: For pesticides and oil spills.
6. Area with four diesel tanks (red diesel) and pump station: For hydrocarbon spills.
7. All well pump locations: For pesticides, due to potential mixing area.
8. Burn site area along Frey creek: For metals and pesticides.
9. Diesel windmill sites: For hydrocarbons due to soil staining.
10. Grove areas and drainage channels: For pesticides.

Site Considerations

The following items are not considered recognized environmental conditions in accordance with ASTM 1527-05. However, these items may warrant consideration 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 wells are not intended for future use, it is recommended that they 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. 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.

3. 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.

4. It is unknown if asbestos-containing materials or lead-based paints are present in the homes/mobile homes located on the site. If the homes/mobile homes are to be demolished, it is recommended that they be assessed for asbestos-containing materials and lead based paints. If present, these materials should be abated prior to demolition in accordance with current regulations.

5. It is recommended that all trash and debris observed on the site be removed and disposed 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
President, Sr. Principal Engineer
PE 36641, REA-I 1655

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FIGURES

PETRA

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W E
S

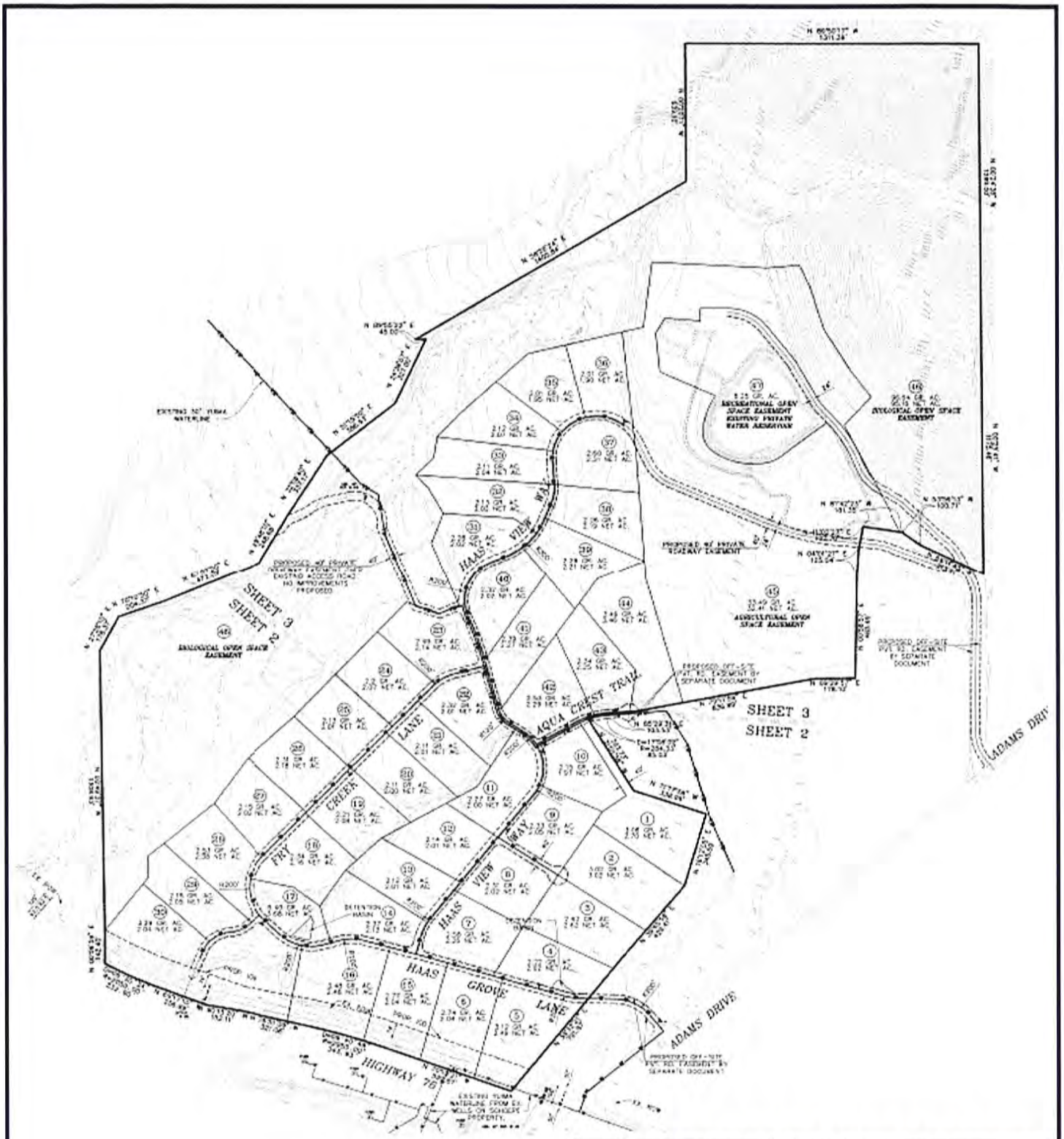
Reference: Bing Maps

PETRA GEOTECHNICAL, INC.
38655 SKY CANYON DRIVE, SUITE A
MURRIETA, CALIFORNIA 92563
PHONE: (951) 600-9271
COSTA MESA MURRIETA PALM DESERT SAN DIEGO SANTA CLARITA

SITE LOCATION MAP

Shadow Run Ranch Project
Tract No. TM 5223 RPL-2 (44 Lots)
Pauma Valley, California

DATE: April 2012	J.N.: 174-12	**Figure 1**
DWG BY: JC	SCALE: N/A	



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Reference: Base map by Masson & Associates, Inc.

PETRA GEOTECHNICAL, INC.
38655 SKY CANYON DRIVE, SUITE A
MURRIETA, CALIFORNIA 92563
PHONE: (951) 600-9271
COSTA MESA MURRIETA PALM DESERT SAN DIEGO SANTA CLARITA

SITE CONFIGURATION MAP

Shadow Run Ranch Project
Tract No. TM 5223 RPL-2 (44 Lots)
Pauma Valley, California

DATE: April 2012	J.N.: 174-12	Figure 2
DWG BY: JC	SCALE: N/A	

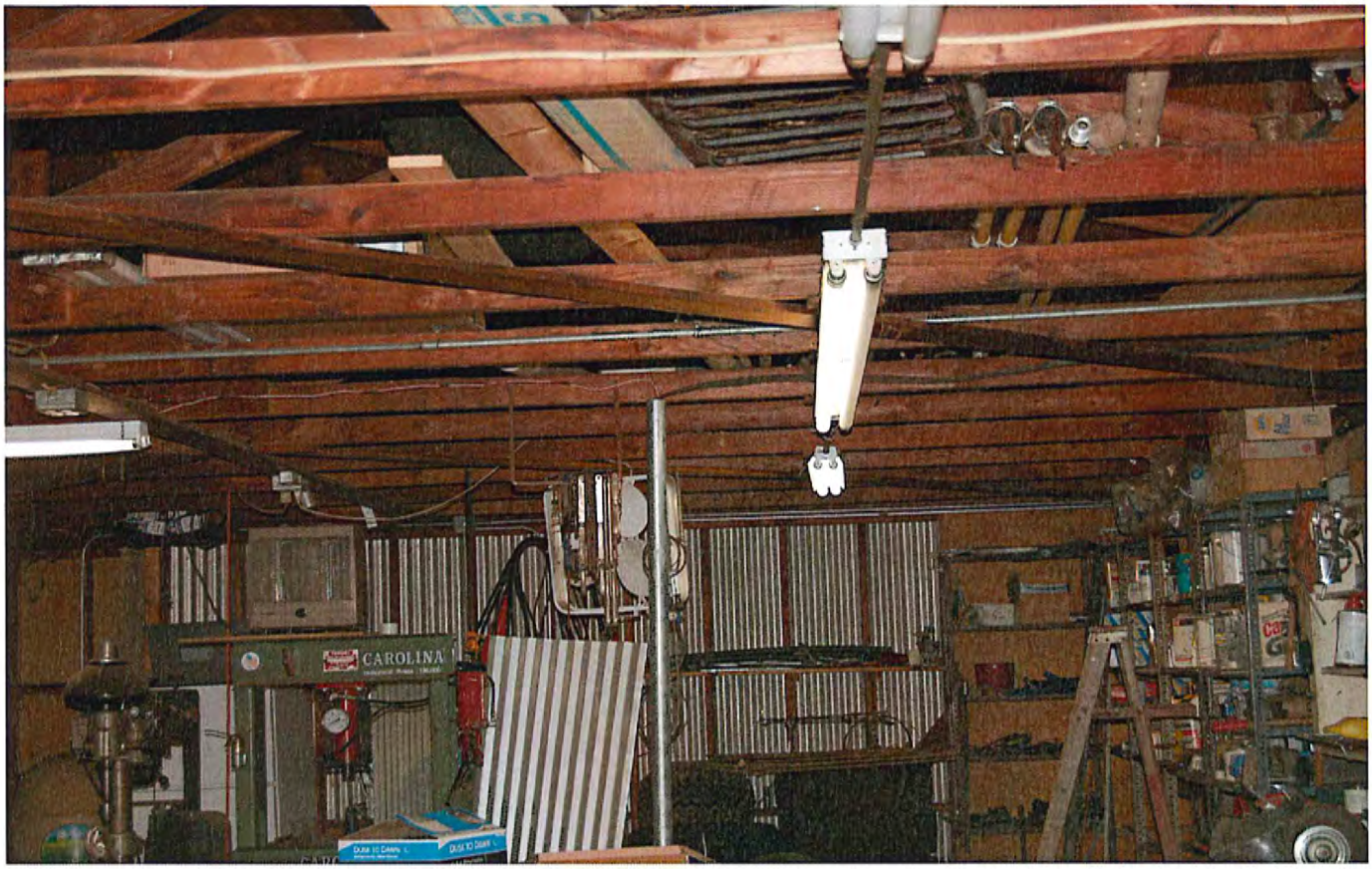
PLATE A

SITE PHOTOGRAPHS

PETRA

Veim of work shop within the operation center

55-gallon steel drums of motor oi within the operation center workshop



Flouresent lights containers and assorted equipment within the operation center workshop

Assorted oil and hydraulic fluid containers within shed attached to operation center workshop

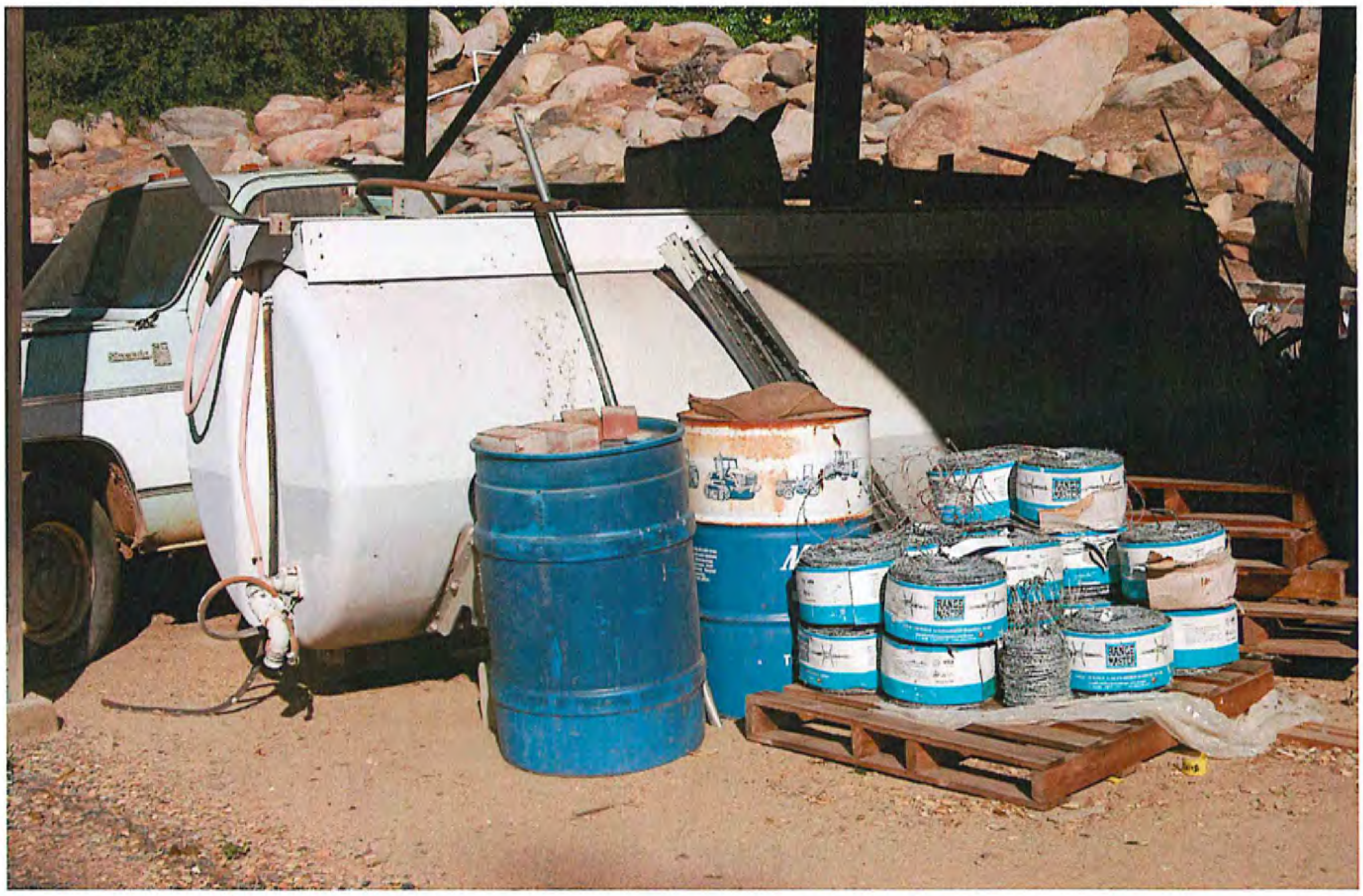
Compressor, tires, assorted canisters and tools within metal container adjacent operation center workshop

Minor staining of concrete and grate in changing area within operation center

View of chemical storage building with assorted chemicals, dispensers tires and tools

Sink attached to the chemical storage building with outlet drain

View Northwest: Covered storage within operation center



View Southwest: Covered storage within operation center

Diesel tanks at the northern portion of the operation center

Diesel dispenser at the northern portion of the operation center

Three pole-mounted transformers

Diesel powered windmill with concrete staining

Water tank and well along east side of Frey Creek

Soil staining adjacent to diesel windmill

APPENDIX A

SITE INSPECTION CHECKLIST

PETRA

PETRA GEOTECHNICAL, INC.
Environmental Division
12225 World Trade Drive, Suite P, San Diego, CA 92128 ✶ Phone (858) 485-5530 ✶ Fax (858) 485-8215

PHASE I ESA SITE INSPECTION CHECKLIST

J.N. 174-12 **Start:Time**_ **Miles**__

Date: _____ **Finish:Time**_ **Miles**__

1. Site Information

Address: 14504 HIGHWAY 76

Parcel Size: 248 ± - ACRES

Facility Size: _____

Map Reference: _____

Owner: SHADOW RUN RANCH, LLC, MS. SHERRILL SCHOEPE

2. Site Description

Topographic Conditions: MODERATE TO STEEP SLOPE UP TO THE NE

Obvious Geologic Features: SW FACING SIDE OF MOUNTAIN - FAN DEPOSITS

Estimated % of Site Covered by Buildings and Pavement: 10-15%

Ground Cover: AVACADO and CITRUS GROVES, WEEDS, BRUSH, MATIVE TREES

Type and Condition of Pavement: ASPHALT FAIR TO GOOD

Roads and Parking Facilities: _____

Structures: HOUSES MOBIL HOMES WORKSHOP, CHEMICAL BLDG. STORAGE BLDGS & SHEDS.

Description of Obstructions: _____

3. Indications of Current Site Use(s)

☒ Agriculture ☐ Industrial ☐ Commercial/Retail

☐ Residential ☐ Undeveloped ☐ No indications of current use

☐ Other: _____

4. Indications of Previous Site Use(s)

☒ Agriculture ☐ Industrial ☐ Commercial/Retail

PETRA GEOTECHNICAL, INC.
Environmental Division
12225 World Trade Drive, Suite P, San Diego, CA 92128 ✶ Phone (858) 485-5530 ✶ Fax (858) 485-8215

PHASE I ESA SITE INSPECTION CHECKLIST

☐ Residential ☐ Undeveloped ☐ No indications of prior use

☐ Other:_____

_____

PAGE NOT APPLICABLE ☐

5. Indications of Current Adjacent Land Use

North: NATURAL OPEN LAND - PAUMA INDIAN RESERVATION

South: HIGHWAY 76, ADJACENT VACANT PARCEL, SAN LUIS REY RIVER BEYOND

East: ADAMS DR, RESIDENTIAL AND RANCH USE BEYOND

West: NATURAL OPEN LAND, AGUA TIBIA CREEK, RESIDENTIAL & RANCH USE BEYOND

6. Indications of Previous Adjacent Land Use

North: _____

South: _____

East: _____

West: _____

7. Indications of Vicinity Adjacent Land Use

North: _____

South: _____

East: _____

West: _____

PAGE NOT APPLICABLE ☐

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

OPEN RESERVOIR NE PORTION OF SITE; FREY CREEK - WESTERN PORTION OF SITE, WELLS THROUGHOUT SITE

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

Approximate Capacity	Contents	Tank Composition	Location on Site
20,000 ± gal	EMPTY (GAS)	STEEL	OPERATION CENTER
8,000 ± gal	DIESEL	STEEL	OPERATION CENTER
15,000 ± gal	EMPTY (DIESEL)	STEEL	NE OF OP CENTER
10,000 ± gal	EMPTY (DIESEL)	STEEL	NE OF OP CENTER
(2) 2,000 ± gal	DIESEL	STEEL	NE OF OP CENTER
1,000 ± gal	WASTE DIESEL	STEEL	NE OF OP CENTER
5,000 ± gal	WATER	PLASTIC	EAST SIDE FREY CREEK
UNKNOWN	WATER	STEEL	UPPER PUMP STATION N OF RESERVOIR

10. Indications of USTs (fill pipes, vents, etc.) ☐ Y

11. Indications of Other Underground Structures (e.g. clarifiers, wells, dry wells, septic systems, etc.)

☐ Yes ☐ No

WELLS THROUGHOUT SITE

PAGE NOT APPLICABLE ☐

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

POLE MOUNTED TRANSFORMERS THROUGHOUT SITE.

FLOURESCENT LIGHTS IN WORKSHOP, HYDRAULIC CONTAINERS

PHASE I ESA SITE INSPECTION CHECKLIST

PAGE NOT APPLICABLE ☐

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

DIESEL POWERED windmills, SOIL + CONCRETE STAINING

DARK STAINING OF CONCRETE IN WORK SHOP

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

OPEN WATER RESERVOIR - N E PORTION OF SITE

15. Odors ☒ Yes ☐ No

FUEL

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

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

PAGE NOT APPLICABLE ☐

PAGE NOT APPLICABLE ☐

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

PESTICIDES, POISONS, GAS + DIESEL TANKS AND CONTAINERS, OILS + HYDRAULIC FLUIDS

19. Public Services

a. Potable Water Supply: _____

b. Sewage Disposal System: _____

c. Storm Water Runoff: STORM WATER RUNOFF, WATER FROM WELLS + IRRIGATION

d. Waste Water: _____

20. Site Observations

21. Site Sketch

SEE PLAN

PAGE NOT APPLICABLE ☐

22. Facility Information

a. Number and Size of Structures

11, VARIOUS SIZES

b. Site Housekeeping ☒ Good ☐ Average ☐ Poor

Provide Description APPEARS TO BE PROPERLY MAINTAINED FOR SIZE AND AGE OF STRUCTURES

a. Age of Structures if Known

UNKNOWN

b. Condition of Structures.

POOR TO GOOD

c. Description of Building Materials

Interior:

Exterior: CONCRETE; BLOCK; WOOD

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

PAGE NOT APPLICABLE ☐

UNKNOWN IF HOUSES OR MOBIL HOMES
UNKNOWN IF ASBESTOS-CONTAINING MATERIALS ARE PRESENT
WITHIN CORRUGATED PLASTIC COVERS ABOVE STORAGE AREAS
AND ELECTRICAL PANELS

d. Any Noted Stains or Corrosion

Provide Description DARK COLOR STAINING AT DIESEL POWERED
WINDMILLS; CONCRETE FLOOR IN WORKSHOP

PAGE NOT APPLICABLE ☐

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

AGRICULTURE RANCH - AVACADO AND CITRUS GROVES, FORMAN AND RANCH HANDS LIVE IN HOME AND MOBIL HOMES

e. Inaccessible Areas

WITHIN FREY CREEK AND PORTIONS OF N E

f. Heating and Cooling Systems and System Fuel Sources

PROPANE

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

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

m. Radioactive Sources (description/location/permits)

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

PAGE NOT APPLICABLE ❐

DIESEL FOR RANCH EQUIPMENT

PESTICIDES FOR GROVES

POISON FOR WEEDS AND PEST CONTROL

PAGE NOT APPLICABLE ☐

o. Chemical/Raw Materials Storage Areas (including hazardous materials, petroleum products) (description, location, list materials, number and size of containers, permits)

PESTICIDES, POISONS (PEST CONTROL + WEEDS)
CHEMICAL STORAGE BLDG, MAIN OP CENTER,
FUEL + DIESEL TANKS PREVIOUSLY LISTED

p. Chemical Waste Storage Areas (including hazardous waste and petroleum products) (description, location, list materials, and number and size of containers, permits)

23. Additional Observations/Notes:

APPENDIX B

AGENCY SEARCH RESULTS

PETRA

Petra Geotechnical Inc | 1013779

Contact EDR: Brett Dickinson | 8003520050

Order Confirmation

Thank you for your order. Your report(s) will be produced according to your requested service options.

ORDER STATUS BEGIN NEW ORDER

Target Property #1

Shadow Run Ranch
Highway 76
Pauma Valley, CA 92061
(33.342830, -117.016350)

Project: Shadow Run Ranch
PO: 174-12

Comments:

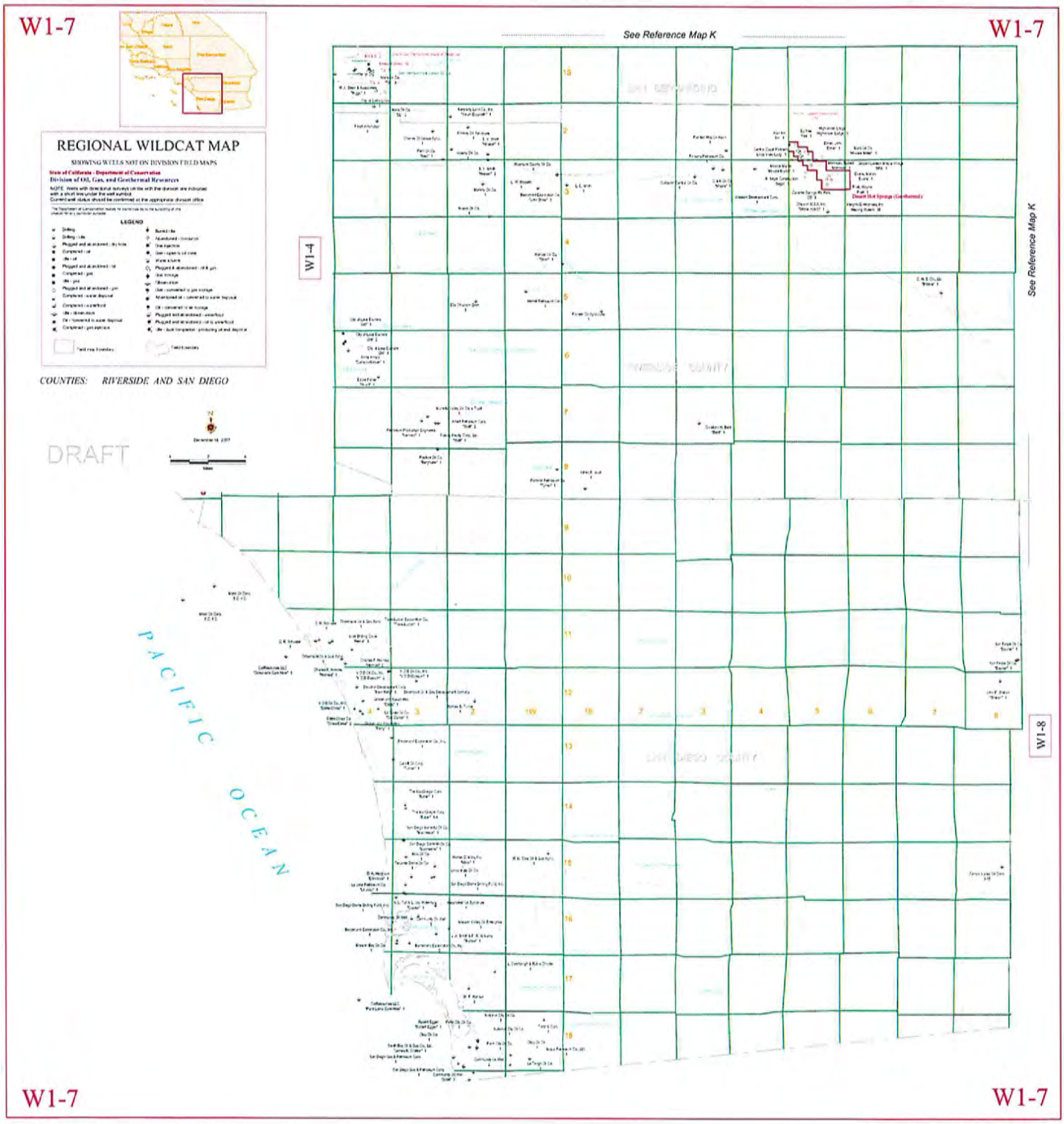
Service Options

Report	Delivery	Turnaround Time	Shipping
EDR Premium Package			
- EDR Radius Map Report with GeoCheck®	Email (no charge)	Normal Turnaround Time	
• Search Distances: Standard			
- Certified Sanborn® Map Report	Email (no charge)	Normal Turnaround Time	
- EDR City Directory	Email (no charge)	Normal Turnaround Time	
- Research Method: You select addresses and EDR selects addresses			
- Address Provided: Target Property			
- Hold City Directory research: No			
- EDR Aerial Photo Decade Package	Email (no charge)	Normal Turnaround Time	
- EDR Historical Topographic Maps	Email (no charge)	Normal Turnaround Time	
- EDR Environmental Lien and AUL Search	Email (no charge)	Normal Turnaround Time	
- EDR Property Tax Map Report	Email (no charge)	Normal Turnaround Time	
- EDR Building Permit Report	Email (no charge)	Normal Turnaround Time	
- EDR VEC App	Email (no charge)	Normal Turnaround Time	
- PARCEL FastTrack™	Download from Web site (no charge)	Normal Turnaround Time	

Delivery Information

Contact Name:	Jon Cain
Phone:	9518309455
Address:	3190 Airport Loop Drive Costa Mesa, CA 92626
Email Address:	jcain@petra-inc.com

Environmental Data Resources, Inc. ▪ 440 Wheelers Farms Road, Milford, CT 06461 ▪ 1-800-352-0050


W1-7
W1-7
See Reference Map K
REGIONAL WILDCAT MAP
SHOWING WELLS NOT ON DIVISION FIELD MAPS
State of California - Department of Conservation
Division of Oil, Gas, and Geothermal Resources
LEGEND
COUNTIES: RIVERSIDE AND SAN DIEGO
DRAFT
W1-4
W1-8
See Reference Map K
PACIFIC OCEAN
W1-7
W1-7

Oil, Gas & Geothermal - DOGGR Online Mapping System (DOMS) - Windows Internet Explorer

http://maps.conservation.ca.gov/doms/doms-app.html

File Edit View Favorites Tools Help

Favorites | Orange County Public Wo... | Orange County Public Wo... | Suggested Sites | Free Hotmail | Web Slice Gallery

Oil, Gas & Geothermal - DOGGR Online Mapping...

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State of California
Department of Conservation

Welcome to DOMS | Map Layers | Well Options | Load Wells | Streets | Topo | Imagery

Main | Find | List | Help

DOGGR
Online Mapping
System

Well Symbols

- New
- Active Producer
- Active Injector
- Dry Hole
- Plugged
- Geothermal

Data Info

DOGGR Home

Back to Top | Help | Contact Us | Site Map

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Copyright © 2010 State of California

Done | Internet | Protected Mode: Off | 100%

8:19 AM

Water Data Library Home - Windows Internet Explorer

http://www.water.ca.gov/waterdatalibrary/

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Favorites | Orange County Public Wo... | Orange County Public Wo... | Suggested Sites | Free Hotmail | Web Slice Gallery

Water Data Library Home

Page Safety Tools

Skip to: Content | Footer | Accessibility

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DWR California

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

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

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

Water Data Library

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

WDL STATION MAP

Location Search

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

Search

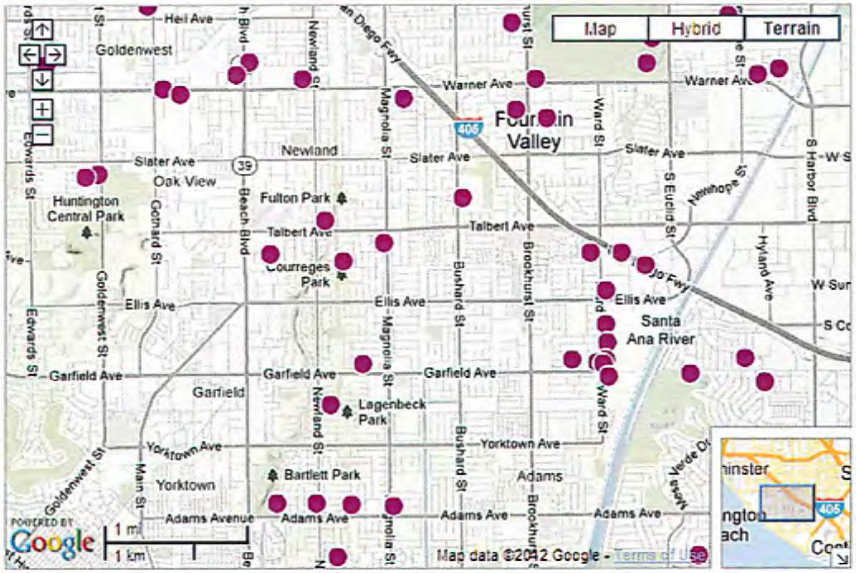
Site Type

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

- [x] Groundwater Level
- [ ] Water Quality
- [ ] Continuous Data

Refresh Map

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

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Map Center: 33.695494, -117.966385        Mouse LatLon: 33.690638, -117.995911
Map SW:     33.666782, -118.018055        Mouse Px:     361200, 839916
Map NE:     33.724197, -117.914715        Mouse Tile:   1410, 3280
Map Zoom:   13                            Mouse Click:  33.698637, -117.959175
```

Done

Internet | Protected Mode: Off

100%

9:03 AM

Water Data Library Home - Windows Internet Explorer

http://www.water.ca.gov/waterdatalibrary/

File Edit View Favorites Tools Help

Favorites | Orange County Public Wo... | Orange County Public Wo... | Suggested Sites | Free Hotmail | Web Slice Gallery

Water Data Library Home

Page Safety Tools

CA.GOV | DEPARTMENT OF WATER RESOURCES

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Search GO

DWR California

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

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

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

Water Data Library

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

WDL STATION MAP

Location Search

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

Search

Site Type

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

- [x] Groundwater Level
- [ ] Water Quality
- [ ] Continuous Data

Refresh Map

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

```
Map Center: 33.698672, -117.969432        Mouse LatLon: 33.704170, -117.961493
Map SW:     33.691495, -117.982349        Mouse Px:     1445602, 3359285
Map NE:     33.705848, -117.956514        Mouse Tile:   5646, 13122
Map Zoom:   15                            Mouse Click:  33.699065, -117.969990
```

Done | Internet | Protected Mode: Off | 100%

9:06 AM

Water Data Library Home - Windows Internet Explorer

http://www.water.ca.gov/waterdatalibrary/

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DWR California

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

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

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

Water Data Library

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WDL STATION MAP

Location Search

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

Search

Site Type

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

- [x] Groundwater Level
- [ ] Water Quality
- [ ] Continuous Data

Refresh Map

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

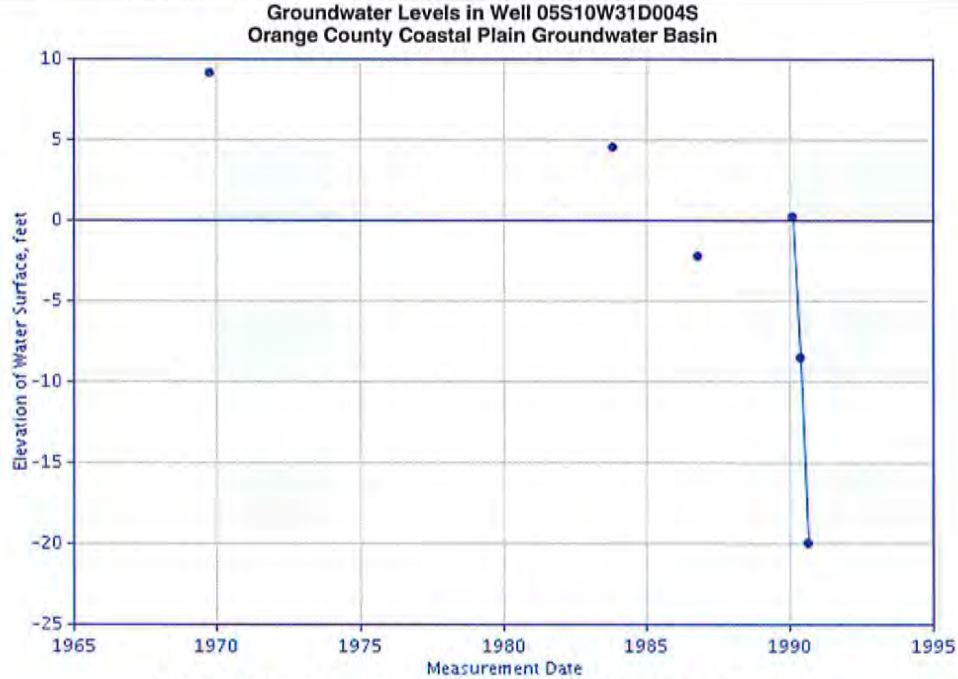
```
Map Center: 33.698672, -117.969432        Mouse LatLon: 33.697137, -117.957029
Map SW:     33.691495, -117.982349        Mouse Px:     1445706, 3359482
Map NE:     33.705848, -117.956514        Mouse Tile:   5647, 13122
Map Zoom:   15                            Mouse Click:  33.699065, -117.969990
```

Done | Internet | Protected Mode: Off | 100%

9:07 AM

Groundwater Level Data for Well 05S10W31D004S

Your selection returned a total of **6** 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.



NOTE: red circles denote questionable measurements. Please see the data table below for specifics.

Groundwater Level Readings

Meas. Date	R.P. Elev.	G.S. Elev.	RPWS	WSE	GSWS	QM Code	NM Code	Agency	Comment
10-07-1969	20.0	20.0	10.8	9.2	10.8			4417	
11-07-1983	20.0	20.0	15.4	4.6	15.4			4417	
10-30-1986	20.0	20.0	22.2	-2.2	22.2			4417	
02-22-1990	20.0	20.0	19.8	0.3	19.8			4417	
05-24-1990	20.0	20.0	28.5	-8.5	28.5			4417	
08-24-1990	20.0	20.0	40.0	-20.0	40.0			4417	

Well Coordinates

Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	410044	3729197	metres	11
LL	NAD27	117.9698	33.6989	decimal degrees	
LL	NAD83	117.9707	33.6989	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

New Search

Search for wells within 0.5 mile radius. Nearby Search

Water Data Library Home - Windows Internet Explorer

http://www.water.ca.gov/waterdatalibrary/

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Favorites | Orange County Public Wo... | Orange County Public Wo... | Suggested Sites | Free Hotmail | Web Slice Gallery

Water Data Library Home

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DWR California

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

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

- Water Data Library Home
- Groundwater Level Data
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Water Data Library

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

WDL STATION MAP

Location Search

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

Search

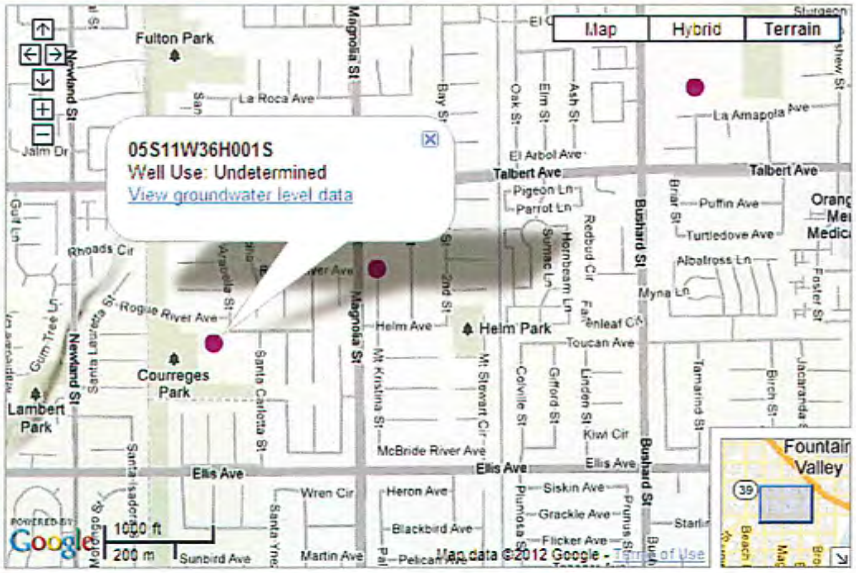
Site Type

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

- ☑ Groundwater Level
- ☐ Water Quality
- ☐ Continuous Data

Refresh Map

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




```
Map Center: 33.698672, -117.969432        Mouse LatLon: 33.697815, -117.958703
Map SW:     33.691495, -117.982349        Mouse Px:     1445667, 3359463
Map NE:     33.705848, -117.956514        Mouse Tile:   5647, 13122
Map Zoom:   15                            Mouse Click:  33.699065, -117.969990
```

Internet | Protected Mode: Off 100%

9:09 AM

Water Data Library Home - Windows Internet Explorer

http://www.water.ca.gov/waterdatalibrary/

File Edit View Favorites Tools Help

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Water Data Library Home

Page Safety Tools

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DWR California

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

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

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

Water Data Library

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

WDL STATION MAP

Location Search

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

Search

Site Type

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

- [x] Groundwater Level
- [ ] Water Quality
- [ ] Continuous Data

Refresh Map

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

```
Map Center:  33.703278, -117.965999        Mouse LatLon:  33.703671, -117.955613
Map SW:      33.696101, -117.978916        Mouse Px:      1445739, 3359299
Map NE:      33.710454, -117.953081        Mouse Tile:    5647, 13122
Map Zoom:    15                            Mouse Click:   33.699065, -117.969990
```

Internet | Protected Mode: Off 100%

9:10 AM

Water Data Library Home - Windows Internet Explorer

http://www.water.ca.gov/waterdatalibrary/

File Edit View Favorites Tools Help

Favorites | Orange County Public Wo... | Orange County Public Wo... | Suggested Sites | Free Hotmail | Web Slice Gallery

Water Data Library Home

Page Safety Tools

CA.GOV | DEPARTMENT OF WATER RESOURCES

Skip to: Content | Footer | Accessibility

Search GO

DWR California

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

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

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

Water Data Library

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

WDL STATION MAP

Location Search

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

Search

Site Type

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

- [x] Groundwater Level
- [ ] Water Quality
- [ ] Continuous Data

Refresh Map

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

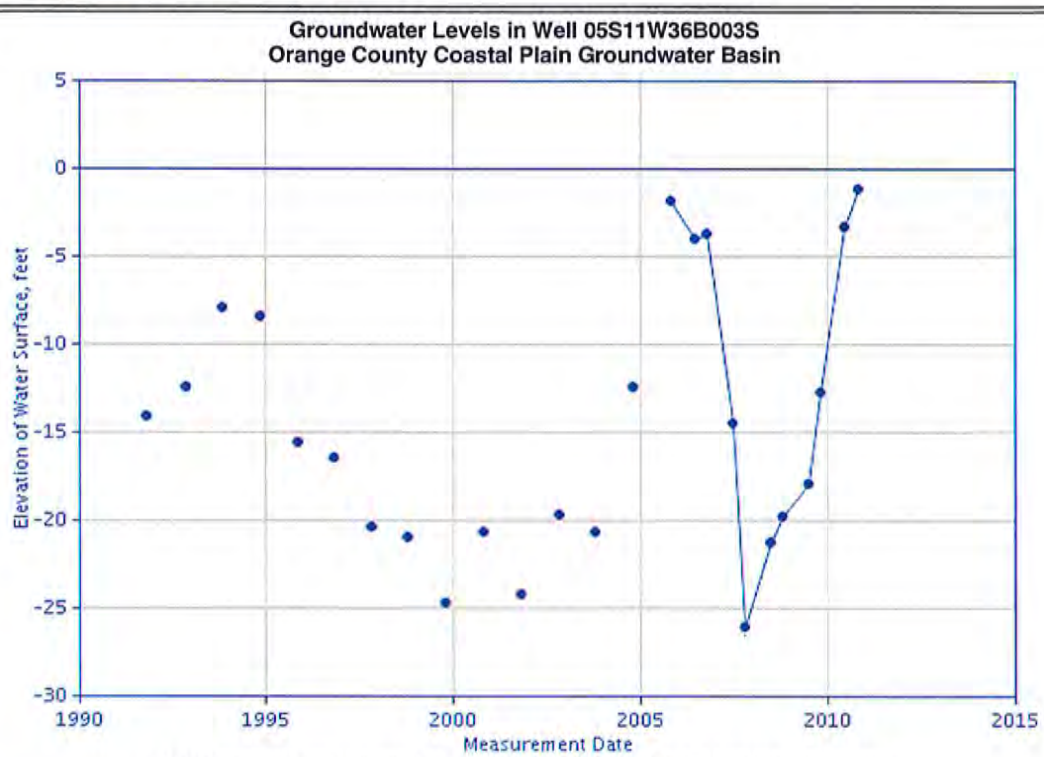
```
Map Center:  33.701100, -117.970848        Mouse LatLon:  33.698387, -117.966127
Map SW:      33.693923, -117.983766        Mouse Px:      1445494, 3359447
Map NE:      33.708276, -117.957931        Mouse Tile:    5646, 13122
Map Zoom:    15                            Mouse Click:   33.699065, -117.969990
```

Internet | Protected Mode: Off 100%

9:12 AM

Groundwater Level Data for Well 05S11W36B003S

Your selection returned a total of **25** 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.



NOTE: red circles denote questionable measurements. Please see the data table below for specifics.

Groundwater Level Readings

Meas. Date	R.P. Elev.	G.S. Elev.	RPWS	WSE	GSWS	QM Code	NM Code	Agency	Comment
10-29-1991	40.0	41.5	54.1	-14.1	55.6			4417	
11-05-1992	40.0	41.5	52.4	-12.4	53.9			4417	
11-03-1993	40.0	41.5	47.9	-7.9	49.3			4417	
11-01-1994	40.0	41.5	48.4	-8.4	49.9			4417	
11-03-1995	40.0	41.5	55.5	-15.5	57.0			4417	
11-01-1996	40.0	41.5	56.4	-16.4	57.8			4417	
10-27-1997	40.0	41.5	60.3	-20.3	61.8			4417	
10-27-1998	40.0	41.5	60.9	-20.9	62.4			4417	
10-25-1999	40.0	41.5	64.7	-24.7	66.2			4417	
11-03-2000	41.5	40.0	62.1	-20.6	60.6			4417	
11-01-2001	41.5	40.0	65.6	-24.2	64.2			4417	
11-04-2002	41.5	40.0	61.1	-19.6	59.6			4417	
10-30-2003	41.5	40.0	62.1	-20.6	60.6			4417	
10-28-2004	41.5	40.0	53.9	-12.4	52.4			4417	
10-28-2005	41.5	40.0	43.3	-1.8	41.8			4417	
06-28-2006	41.5	40.0	45.4	-3.9	43.9			4417	
10-26-2006	41.5	40.0	45.1	-3.6	43.6			4417	
06-25-2007	41.5	40.0	56.0	-14.5	54.5			4417	
10-30-2007	41.5	40.0	67.5	-26.1	66.1			4417	
07-02-2008	41.5	40.0	62.7	-21.2	61.2			4417	
10-27-2008	41.5	40.0	61.2	-19.7	59.7			4417	
06-30-2009	41.5	40.0	59.4	-17.9	57.9			4417	

11-03-2009	41.5	40.0	54.2	-12.7	52.7			4417	
06-30-2010	41.5	40.0	44.7	-3.3	43.3			4417	
10-29-2010	41.5	40.0	42.6	-1.1	41.2			4417	

Well Coordinates

Projection	Datum	Easting	Northing	Units	Zone
UTM	NAD27	409461	3729265	metres	11
LL	NAD27	117.9770	33.7012	decimal degrees	
LL	NAD83	117.9779	33.7012	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

New Search

Search for wells within 0.5 mile radius. Nearby Search

GeoTracker - Windows Internet Explorer

http://geotracker.waterboards.ca.gov/map/?CMD=runreport&myaddress=14504+Highway+76+Pala

File Edit View Favorites Tools Help

Favorites | Orange County Public Wo... | Orange County Public Wo... | Suggested Sites | Free Hotmail | Web Slice Gallery

GeoTracker

Page Safety Tools

GEOTRACKER

LAYERS

☒ SIGNIFIES A CLOSED SITE

- ☑ Leaking Underground Tank (LUST) Cleanup Sites
- ☑ Other Cleanup Sites
- ☑ Land Disposal Sites
- ☑ Military Sites
- ☑ WDR Sites
- ☑ Permitted Underground Storage Tank (UST) Facilities
- ☑ Monitoring Wells*

* ZOOM IN TO SEE MWS

- ☐ DTSC Cleanup Sites
- ☐ DTSC Haz Waste Permit

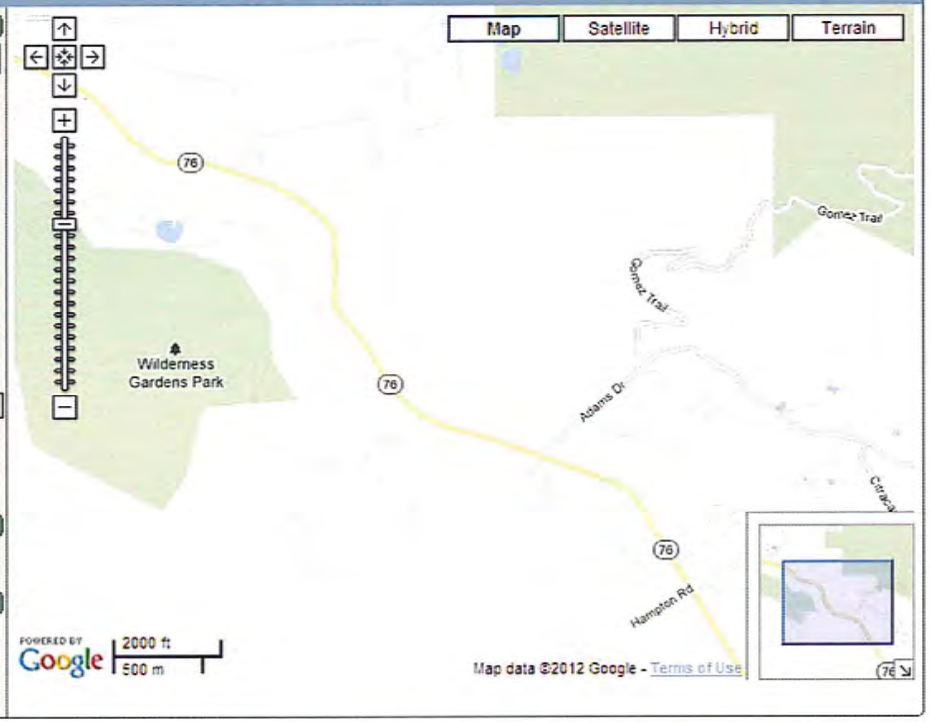
MAP SIZE

640x480

OPTIONS

☑ Site List - EXPORT TO EXCEL

0 Sites



☐ SHOW SITES WITHIN 1000 FEET OF THE FOLLOWING ADDRESS: 14504 Highway 76 Pala Go

SITE LIST

SITE NAME	GLOBAL ID	CLEANUP STATUS	ADDRESS	CITY

Error on page. Internet | Protected Mode: Off 100%

2:05 PM

APPENDIX C

EDR HISTORICAL REPORTS

PETRA

Shadow Run Ranch
Highway 76
Pauma Valley, CA 92061

Inquiry Number: 03300179.2r
April 10, 2012

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

FORM-YAS-BXD

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Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	14
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-12
Physical Setting Source Map Findings	A-14
Physical Setting Source Records Searched	A-34

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

HIGHWAY 76
PAUMA VALLEY, CA 92061

COORDINATES

Latitude (North):	33.3428000 - 33' 20' 34.08"
Longitude (West):	117.0164000 - 117' 0' 59.04"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	498473.9
UTM Y (Meters):	3689098.8
Elevation:	786 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	33117-C1 PALA, CA
Most Recent Revision:	1988
East Map:	33116-C8 BOUCHER HILL, CA
Most Recent Revision:	1988

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2009, 2010
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

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

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

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report
SLIC..... Statewide SLIC Cases

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

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

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

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
Toxic Pits..... Toxic Pits Cleanup Act Sites
CDL..... Clandestine Drug Labs
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
LUCIS..... Land Use Control Information System
LIENS..... Environmental Liens Listing
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

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

Other Ascertainable Records

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

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations.. EDR Proprietary Historic Gas Stations
EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

State and tribal registered storage tank lists

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST PAUMA VALLEY RANCH INC	***14504 STATE HWY 76***	***SSW 0 - 1/8 (0.082 mi.)***	***1***	***8***

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2005 has revealed that there are 2 INDIAN RESERV sites within approximately 1 mile of the target property.

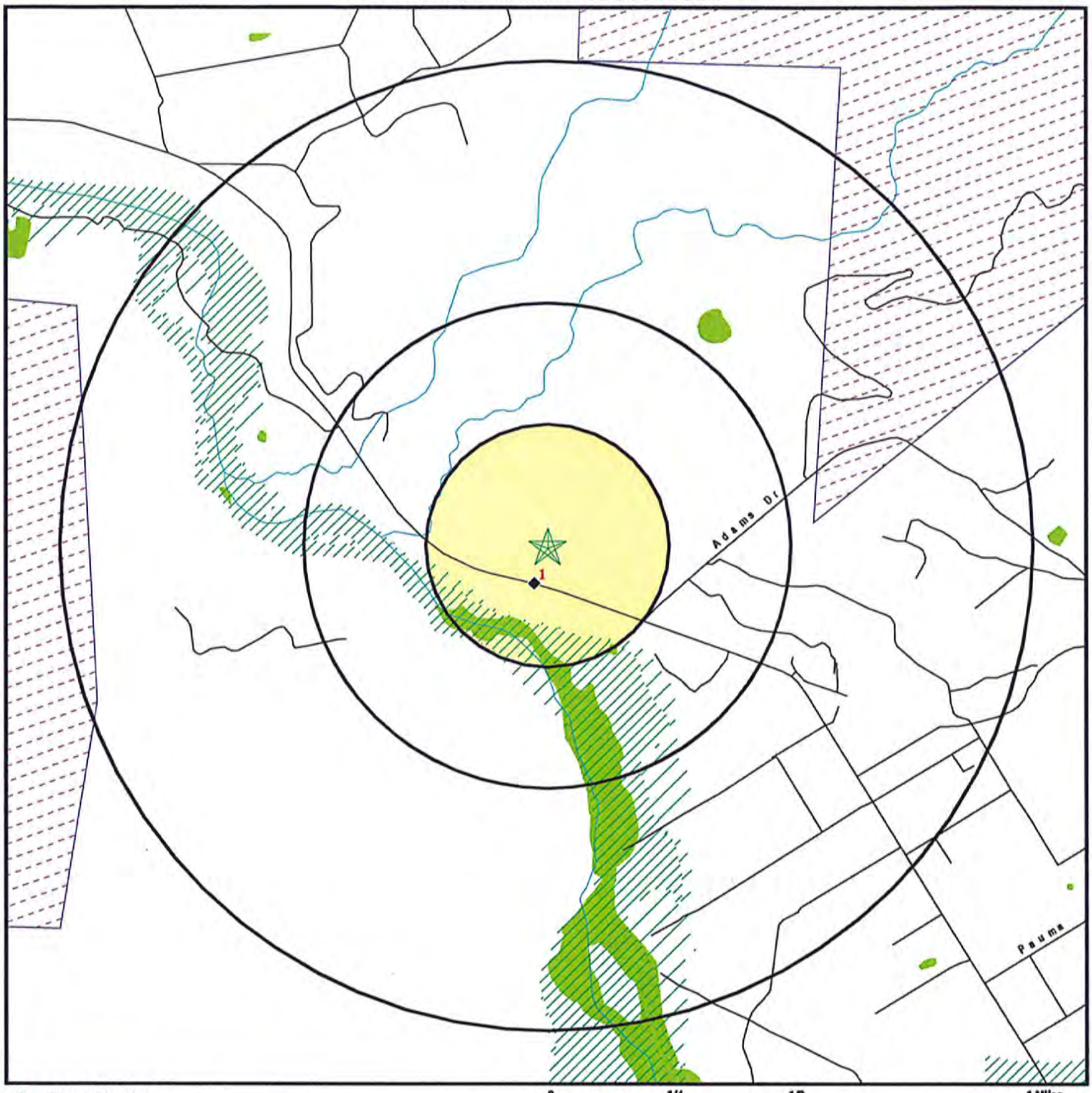
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PALA INDIAN RESERVATION		W 1/2 - 1 (0.939 mi.)	0	8
MISSION INDIAN RESERVATION		E 1/2 - 1 (0.550 mi.)	0	8

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 35 records.

Site Name	Database(s)
INDUSTRIAL ASPHALT PRODUCTS	SWEEPS UST
CAL-MAT PALA	SWEEPS UST
PAUMA VISTA RANCH	SWEEPS UST
PACIFIC BELL PALACA11/DB119	SWEEPS UST
ROSS RANCH	SWEEPS UST
PALA INDIAN RESERVATION	CERCLIS-NFRAP
SCHOEPE ENTERPRISES/SHADOW RUN	HIST UST
JAMES C. ROBERTS, IN.C	HIST UST
PACIFIC BELL (DB-119)	HIST UST
FLEET TRAINING CENTER	AST
SHORE INTERMEDIATE MAINTENANCE	AST
ORANGE GROVE ENERGY CENTER	RCRA-SQG
PACIFIC BELL	RCRA-SQG,FINDS
PALA TRANSFER STATION	FINDS,RCRA-CESQG
LA JOLLA BAND OF INDIANS TRANSFER	RCRA-CESQG
AT THE INTERSECTION OF MANCHESTER	ERNS
CHUCHUA OASIS RANCH	FINDS
AZTEC PERLITE CO INC	MINES
WESTERN SALT CO	MINES
WESTERN SALT CO	MINES
REED OPERATION	MINES
HARBORLITE CORP	MINES
PALA INTERNATIONAL	MINES
HIGH DESSERT GEMS AND MINERALS	MINES
NATIONAL QUARRIES LLC	MINES
JIM MEANS	MINES
SIM J. HARRIS	MINES
MILLENNIUM INC	MINES
SOUTHERN CA GEM INDUSTRIES	MINES
CHUCHUA OASIS RANCH	ICIS
ACORN MINI MARKET	INDIAN UST R4
CALMAT / INDUSTRIAL ASPHALT	INDIAN UST R4
PALA STORE	INDIAN UST R4
LA JOLLA TRADING POST	INDIAN UST R4
LA JOLLA TRANSFER STATION	SWRCY

OVERVIEW MAP - 03300179.2r



0 1/4 1/2 1 Miles

- 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: Shadow Run Ranch ADDRESS: Highway 76 Pauma Valley CA 92061 LAT/LONG: 33.3428 / 117.0164	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY #: 03300179.2r DATE: April 10, 2012 2:21 pm

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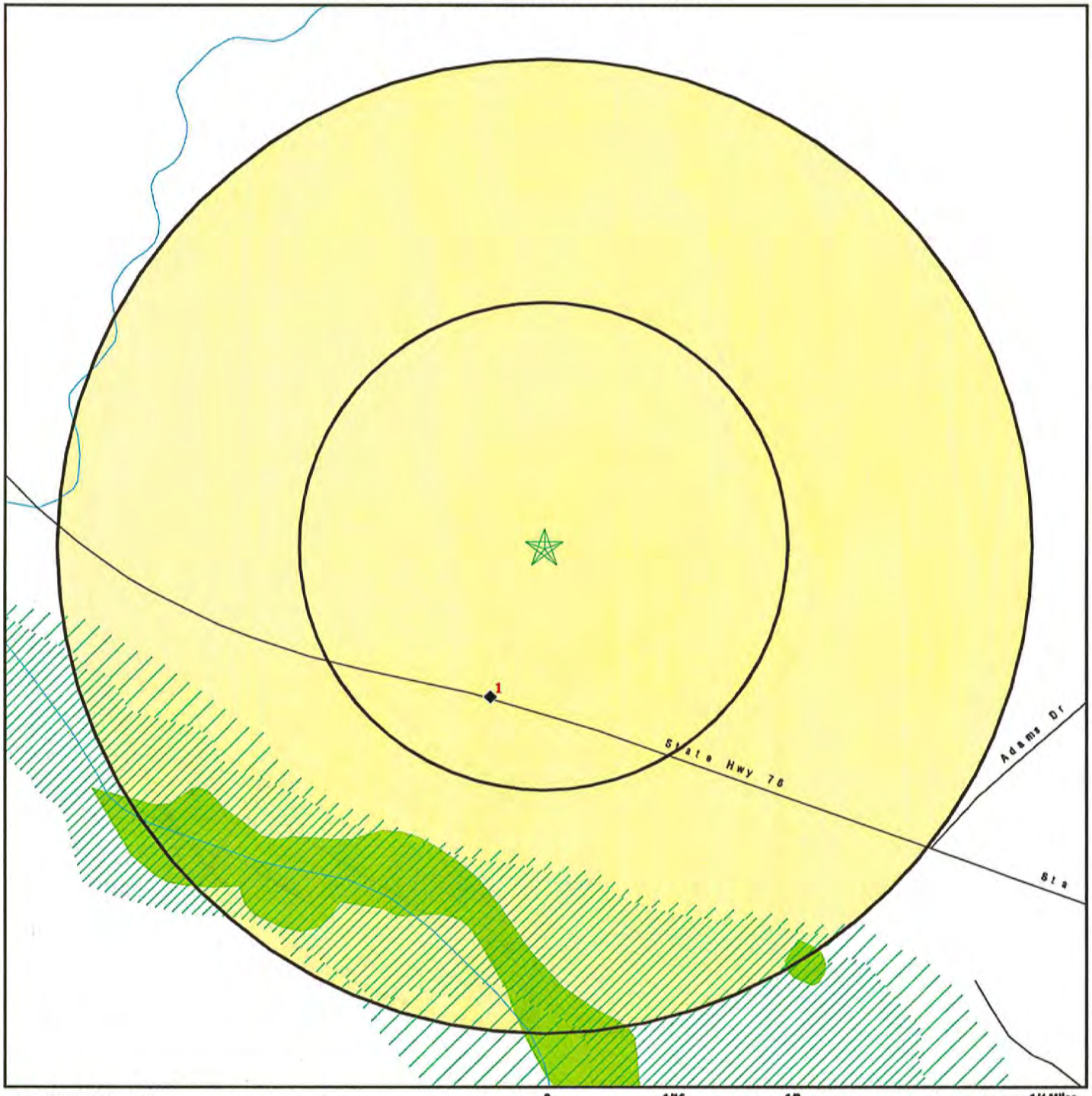
DETAIL MAP - 03300179.2r



0 1/16 1/8 1/4 Miles

- 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: Shadow Run Ranch ADDRESS: Highway 76 Pauma Valley CA 92061 LAT/LONG: 33.3428 / 117.0164	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY #: 03300179.2r DATE: April 10, 2012 2:22 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
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
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
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
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	0	NR	NR	0
SLIC	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
SAN DIEGO CO. SAM	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
San Diego Co. HMMD	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
SWEEPS UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
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
Other Ascertainable Records								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
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	2	NR	2
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PROC	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
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	0	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
EDR Historical Auto Stations	0.250		0	0	NR	NR	NR	0
EDR Historical Cleaners	0.250		0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

IND RES **PALA INDIAN RESERVATION** **INDIAN RESERV** **CIND100528**
Region **N/A**
West **PALA INDIAN RESERVATION (County), CA**
1/2-1
4958 ft.

INDIAN RESERV:

Feature:	Indian Reservation
Name:	Pala Indian Reservation
Agency:	BIA
State:	CA

IND RES **MISSION INDIAN RESERVATION** **INDIAN RESERV** **CIND100529**
Region **N/A**
East **MISSION INDIAN RESERVATIO (County), CA**
1/2-1
2905 ft.

INDIAN RESERV:

Feature:	Indian Reservation
Name:	Mission Indian Reservation
Agency:	BIA
State:	CA

---

1 **WEST PAUMA VALLEY RANCH INC** **AST** **S104761406**
SSW **14504 STATE HWY 76** **San Diego Co. HMMD** **N/A**
< 1/8 **PAUMA VALLEY, CA 92061** **HAZNET**
0.082 mi.
433 ft.

Relative:
Lower

Actual:
759 ft.

AST:

Owner:	SHADOW RUN RANCH
Total Gallons:	36000
Certified Unified Program Agencies:	San Diego

San Diego Co. HMMD:

Facility ID:	199407
Inactive Indicator:	Active
Business Code:	6HKAG
SIC:	Not reported
Permit Expiration:	Not reported
Owner:	SHERRILL A SCHOEPE
2nd Name:	Not reported
Mailing Address:	PO BOX 1249
Mailing City,St,Zip:	PAUMA, CA 92061
Map Code/Business Plan on File:	Not reported
Corporate Code:	Not reported
Fire Dept District:	Rincon/CA Dept. of Forestry
Census Tract Number:	191.0
EPA ID:	Not reported
Gas Station:	Not reported
Inspection Date:	11/30/07
Reinspection Date:	Not reported
Inspector Name:	MSEDGHI
Violation Notice Issued:	Not reported
Facility Contact:	RON DEUTSCHENDORF SR/MIGUEL FE
Delinquent Flag:	Not Delinquent
Last Update:	08/30/10

WEST PAUMA VALLEY RANCH INC (Continued) **S104761406**

Last Delinquent Letter:	Not reported
Delinquent Comment:	Not reported
Last Letter Type:	Not reported
Property Owner:	SCHOEPE SHERRILL A REVOCABLE T
Property Address:	P O BOX 572
Property City,St,Zip:	PAUMA VALLEY, CA 92061
Tank Owner:	Not reported
Tank Address:	Not reported
Tank City,St,Zip:	Not reported
Business Plan Acceptance Date:	Not reported
Reinspection Date Y2K Compatible:	11/30/10
Facility Phone:	760-742-3172

HMMD DISCLOSURE INVENTORY:

Item Number:	DIE
Chemical Name:	DIESEL 3 TANKS
Case Number:	684-76-346
Quantity Stored At One Time:	Not reported
Quantity Stored at One Time:	Not reported
Annual Quantity String:	Not reported
Annual Quantity String:	Not reported
Measurement Units:	Not reported
Carcinogen:	No
1st Hazard Category:	FIRE
2nd Hazard Category:	ACUTE

Item Number:	DRY
Chemical Name:	DRY NITROGEN FERTILIZER
Case Number:	7727-37-9
Quantity Stored At One Time:	Not reported
Quantity Stored at One Time:	Not reported
Annual Quantity String:	Not reported
Annual Quantity String:	Not reported
Measurement Units:	Not reported
Carcinogen:	No
1st Hazard Category:	FIRE
2nd Hazard Category:	ACUTE

Item Number:	GAS
Chemical Name:	GASOLINE
Case Number:	8006-61-9
Quantity Stored At One Time:	Not reported
Quantity Stored at One Time:	Not reported
Annual Quantity String:	Not reported
Annual Quantity String:	Not reported
Measurement Units:	Not reported
Carcinogen:	No
1st Hazard Category:	FIRE
2nd Hazard Category:	ACUTE

Item Number:	MET
Chemical Name:	METALDEHYDE
Case Number:	108-62-3
Quantity Stored At One Time:	Not reported
Quantity Stored at One Time:	Not reported
Annual Quantity String:	Not reported
Annual Quantity String:	Not reported
Measurement Units:	Not reported

WEST PAUMA VALLEY RANCH INC (Continued) **S104761406**

Carcinogen:	No
1st Hazard Category:	ACUTE
2nd Hazard Category:	Not reported

Item Number:	OXY
Chemical Name:	OXYGEN (1X331)
Case Number:	7782-44-7
Quantity Stored At One Time:	Not reported
Quantity Stored at One Time:	Not reported
Annual Quantity String:	Not reported
Annual Quantity String:	Not reported
Measurement Units:	Not reported
Carcinogen:	No
1st Hazard Category:	FIRE
2nd Hazard Category:	PRESSURE RELEASE

Item Number:	PRO
Chemical Name:	PROPANE
Case Number:	74-98-6
Quantity Stored At One Time:	Not reported
Quantity Stored at One Time:	Not reported
Annual Quantity String:	Not reported
Annual Quantity String:	Not reported
Measurement Units:	Not reported
Carcinogen:	No
1st Hazard Category:	FIRE
2nd Hazard Category:	PRESSURE RELEASE

HMMD UNDERGROUND TANKS:

Tank Number:	Not reported
Tank ID Number:	Not reported
Waste or Product:	Not reported
Tank Contents:	Not reported

HMMD VIOLATIONS:

Inspection Date:	Not reported
Waste Code:	Not reported
Occurrences:	Not reported
Item Number:	Not reported

HMMD WASTE STREAMS:

Inspection Date:	Not reported
Waste Item #:	Not reported
Waste Code:	Not reported
Waste Name:	Not reported
Qnty at Inspection:	Not reported
Quantity String:	Not reported
Annual Qty:	Not reported
Annual Qty String:	Not reported
Measurement Unit:	Not reported
Treatment Method:	Not reported
Storage Method:	Not reported
Haz Waste Hauler:	Not reported
Waste Desc:	Not reported
Carcinogen:	No

WEST PAUMA VALLEY RANCH INC (Continued) **S104761406**

Facility ID:	204329
Inactive Indicator:	Active
Business Code:	6HK18
SIC:	Not reported
Permit Expiration:	Not reported
Owner:	YUIMA MUNICIPAL WATER DISTRICT
2nd Name:	Not reported
Mailing Address:	P O BOX 177
Mailing City,St,Zip:	PAUMA VALLEY, CA 92061
Map Code/Business Plan on File:	Not reported
Corporate Code:	Not reported
Fire Dept District:	Rincon/CA Dept. of Forestry
Census Tract Number:	191.0
EPA ID:	Not reported
Gas Station:	Not reported
Inspection Date:	09/16/08
Reinspection Date:	Not reported
Inspector Name:	GGRIFFIT
Violation Notice Issued:	Not reported
Facility Contact:	ROBERT FOWLER
Delinquent Flag:	Not Delinquent
Last Update:	08/30/10
Last Delinquent Letter:	Not reported
Delinquent Comment:	Not reported
Last Letter Type:	Not reported
Property Owner:	SCHOEPE SHERRILL A REVOCABLE T
Property Address:	P O BOX 572
Property City,St,Zip:	PAUMA VALLEY, CA 92061
Tank Owner:	Not reported
Tank Address:	Not reported
Tank City,St,Zip:	Not reported
Business Plan Acceptance Date:	Not reported
Reinspection Date Y2K Compatible:	09/16/10
Facility Phone:	760-742-3704

HMMD DISCLOSURE INVENTORY:

Item Number:	SOD
Chemical Name:	SODIUM HYPO-CHLORITE BLEACH 12.9%
Case Number:	7681-52-9
Quantity Stored At One Time:	Not reported
Quantity Stored at One Time:	Not reported
Annual Quantity String:	Not reported
Annual Quantity String:	Not reported
Measurement Units:	Not reported
Carcinogen:	No
1st Hazard Category:	REACTIVE
2nd Hazard Category:	ACUTE

HMMD UNDERGROUND TANKS:

Tank Number:	Not reported
Tank ID Number:	Not reported
Waste or Product:	Not reported
Tank Contents:	Not reported

HMMD VIOLATIONS:

Inspection Date:	09/16/08
Waste Code:	Not reported

WEST PAUMA VALLEY RANCH INC (Continued) **S104761406**

Occurrences: Not reported
Item Number: 3391

HMMD WASTE STREAMS:
Inspection Date: Not reported
Waste Item #: Not reported
Waste Code: Not reported
Waste Name: Not reported
Qnty at Inspection: Not reported
Quantity String: Not reported
Annual Qty: Not reported
Annual Qty String: Not reported
Measurement Unit: Not reported
Treatment Method: Not reported
Storage Method: Not reported
Haz Waste Hauler: Not reported
Waste Desc: Not reported
Carcinogen: No

HAZNET:
Year: 2010
Gepaid: CAL000249228
Contact: RONALD L DEUTSCHENDORF, SR
Telephone: 7607423097
Mailing Name: Not reported
Mailing Address: PO BOX 1249
Mailing City,St,Zip: PAUMA VALLEY, CA 920610000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons: 1
Facility County: San Diego

Year: 2010
Gepaid: CAL000249228
Contact: RONALD L DEUTSCHENDORF, SR
Telephone: 7607423097
Mailing Name: Not reported
Mailing Address: PO BOX 1249
Mailing City,St,Zip: PAUMA VALLEY, CA 920610000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons: 0.2
Facility County: San Diego

Year: 2010
Gepaid: CAL000249228
Contact: RONALD L DEUTSCHENDORF, SR
Telephone: 7607423097
Mailing Name: Not reported

WEST PAUMA VALLEY RANCH INC (Continued) **S104761406**

Mailing Address:	PO BOX 1249
Mailing City,St,Zip:	PAUMA VALLEY, CA 920610000
Gen County:	Not reported
TSD EPA ID:	CAD008302903
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons:	0.2
Facility County:	San Diego

Year:	2010
Gepaid:	CAL000249228
Contact:	RONALD L DEUTSCHENDORF, SR
Telephone:	7607423097
Mailing Name:	Not reported
Mailing Address:	PO BOX 1249
Mailing City,St,Zip:	PAUMA VALLEY, CA 920610000
Gen County:	Not reported
TSD EPA ID:	CAD008302903
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.1
Facility County:	San Diego

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: 09/07/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 141

Source: EPA
Telephone: N/A
Last EDR Contact: 04/05/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

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: 09/07/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 141

Source: EPA
Telephone: N/A
Last EDR Contact: 04/05/2012
Next Scheduled EDR Contact: 07/23/2012
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
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Count: 35 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PAUMA VALLEY	1000220728	JAMES C. ROBERTS, IN.C	STAR RT. 15450 HWY 76	92061	HIST UST
PAUMA VALLEY	1000250504	PACIFIC BELL	PAUMA VALLEY PALA	92061	RCRA-SQG,FINDS
PALA	1005415471	PALA TRANSFER STATION	12802 HWY 76	92059	FINDS,RCRA-CESQG
PALA INDIAN RESERVAT	1007117511	PALA INDIAN RESERVATION	HIGHWAY 76 NEAR LILAC ROAD	92059	CERCLIS-NFRAP
PAUMA VALLEY	1008335573	CHUCHUA OASIS RANCH	SAN LUIS REY RIVER	92061	FINDS
PALA	1009393088	PALA STORE	P.O. BOX 154	92059	INDIAN UST R4
VALLEY CENTER	1009393157	LA JOLLA TRADING POST	HIGHWAY 76 AND 100 CAMPGRIUND	92082	INDIAN UST R4
PALA	1009393179	CALMAT / INDUSTRIAL ASPHALT	HIGHWAY 76 6.7 MILES EAST OF I	92059	INDIAN UST R4
PALA	1009393223	ACORN MINI MARKET	HWY 76 & PALA MISSION ROAD	92059	INDIAN UST R4
PAUMA VALLEY	1011580974	CHUCHUA OASIS RANCH	SAN LUIS REY RIVER PAUMA VA	92061	ICIS
PAUMA VALLEY	1012176378	LA JOLLA BAND OF INDIANS TRANSFER	22000 HWY 76	92061	RCRA-CESQG
PALA	1014387286	ORANGE GROVE ENERGY CENTER	35435 PALA DEL NORTE RD	92059	RCRA-SQG
	2011974562	AT THE INTERSECTION OF MANCHESTER	AT THE INTERSECTION OF MANCHES		ERNS
	A100345749	FLEET TRAINING CENTER	(TENANT ON NAVAL STATION)		AST
	A100346114	SHORE INTERMEDIATE MAINTENANCE	(TENANT)		AST
	M300001892	NATIONAL QUARRIES LLC	NATIONAL QUARRIES		MINES
	M300002119	HIGH DESSERT GEMS AND MINERALS	HIMALAYA MINE CALIF		MINES
	M300002121	JIM MEANS	PACKRAT MINES		MINES
	M300002122	MILLENNIUM INC	STEWART LITHIA MINE		MINES
	M300002123	PALA INTERNATIONAL	HIMALAYA MINE		MINES
	M300002124	REED OPERATION	ELIZABETH R MINE		MINES
	M300002125	SOUTHERN CA GEM INDUSTRIES	TOURMALINE QUEEN MINE		MINES
	M300002489	WESTERN SALT CO	CHULA VISTA PLANT		MINES
	M300002614	AZTEC PERLITE CO INC	AZTEC ESCONDIDO PLANT		MINES
	M300002616	HARBORLITE CORP	HARBORLITE ESCONDIDO PLANT		MINES
	M300002765	WESTERN SALT CO	CHULA VISTA PLANT		MINES
	M300003184	SIM J. HARRIS	PALA SAND PLANT		MINES
PALA	S106923790	CAL-MAT PALA	HWY 76 7MI E I-15	92059	SWEEPS UST
PALA	S106927505	INDUSTRIAL ASPHALT PRODUCTS	HWY 76 6MI E I-15	92059	SWEEPS UST
PAUMA VALLEY	S106930368	PACIFIC BELL PALACA11/DB119	HIGHWAY 76	92061	SWEEPS UST
PAUMA VALLEY	S106930561	PAUMA VISTA RANCH	HIGHWAY 76	92061	SWEEPS UST
PAUMA VALLEY	S106931600	ROSS RANCH	COR HWY 76 & RESERVA	92061	SWEEPS UST
PAUMA VALLEY	S110071931	LA JOLLA TRANSFER STATION	22000 HWY 76	92061	SWRCY
PAUMA VALLEY - PALA	U001572032	PACIFIC BELL (DB-119)	O U.S.HIGHWAY 76	92059	HIST UST
PAUMA VALLEY	U001572069	SCHOEPE ENTERPRISES/SHADOW RUN	HWY 76	92061	HIST UST

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: 09/07/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 141

Source: EPA
Telephone: N/A
Last EDR Contact: 04/05/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 12/27/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 04/05/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/13/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 04/05/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

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: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
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: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
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: 10/03/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
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: 03/14/2012
Date Data Arrived at EDR: 03/15/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 18

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes 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: 03/14/2012
Date Data Arrived at EDR: 03/15/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 18

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2012
Next Scheduled EDR Contact: 05/21/2012
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 inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/20/2012
Date Data Arrived at EDR: 02/20/2012
Date Made Active in Reports: 03/29/2012
Number of Days to Update: 38

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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

Date of Government Version: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 32

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

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

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

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

LUST REG 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 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 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

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

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

LUST REG 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 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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

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

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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

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

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

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

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

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

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

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

Date of Government Version: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 32

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

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

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

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

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

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

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

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/07/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

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

Date of Government Version: 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: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

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

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 50

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

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

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 33

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

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

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
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
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

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: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 50

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

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: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 42

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

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

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

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

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

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

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/16/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 03/14/2012
Date Data Arrived at EDR: 03/15/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 18

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

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

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

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: 08/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
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: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 31

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 01/20/2012
Date Data Arrived at EDR: 01/24/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 28

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/06/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

Date of Government Version: 10/07/2011
Date Data Arrived at EDR: 12/09/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 32

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/06/2012
Next Scheduled EDR Contact: 06/18/2012
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: 03/14/2012
Date Data Arrived at EDR: 03/15/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 18

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2012
Next Scheduled EDR Contact: 05/21/2012
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: 12/31/2011
Date Data Arrived at EDR: 02/14/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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

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

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

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

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

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

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

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

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 06/18/2012
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
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 09/09/2011
Date Data Arrived at EDR: 09/16/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 06/04/2012
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: 03/12/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

DEED: Deed Restriction Listing

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

Date of Government Version: 03/12/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/13/2012
Next Scheduled EDR Contact: 06/25/2012
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: 10/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 05/03/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 43

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 32

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

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

Date of Government Version: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 32

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/29/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 94

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 05/21/2012
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 01/25/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 36

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
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: 09/28/2011
Date Data Arrived at EDR: 12/14/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 27

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/14/2012
Next Scheduled EDR Contact: 06/25/2012
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: 02/28/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/07/2012
Next Scheduled EDR Contact: 06/18/2012
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: 02/28/2012
Next Scheduled EDR Contact: 06/11/2012
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: 03/28/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
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
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 01/12/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/10/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/13/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

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

BRS: Biennial Reporting System

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

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

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
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: 02/20/2012
Date Data Arrived at EDR: 02/20/2012
Date Made Active in Reports: 03/29/2012
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

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

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 01/03/2012
Date Data Arrived at EDR: 01/03/2012
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 16

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
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 [CALSITES]. This listing is no longer updated by the state agency.

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

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

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

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

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

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

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

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

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

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/19/2011
Date Made Active in Reports: 08/16/2011
Number of Days to Update: 28

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/30/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/06/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

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

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: N/A

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

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

Date of Government Version: 02/22/2012
Date Data Arrived at EDR: 02/24/2012
Date Made Active in Reports: 04/04/2012
Number of Days to Update: 40

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
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: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

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

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
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: 03/16/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

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

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

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

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/02/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

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: 01/18/2012
Date Data Arrived at EDR: 01/18/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 31

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 02/24/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 20

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

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

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

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

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

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

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

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

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

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

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

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

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 01/12/2012
Date Data Arrived at EDR: 01/13/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 39

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/12/2012
Date Data Arrived at EDR: 01/13/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 42

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 14

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Semi-Annually

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: 03/16/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

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

Date of Government Version: 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: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/29/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 35

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/17/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Semi-Annually

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

Date of Government Version: 01/23/2012
Date Data Arrived at EDR: 01/24/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 28

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/24/2012
Next Scheduled EDR Contact: 05/07/2012
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: 11/17/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

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

Date of Government Version: 12/29/2011
Date Data Arrived at EDR: 02/02/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 19

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Annually

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

Date of Government Version: 01/23/2012
Date Data Arrived at EDR: 01/25/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 28

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 04/06/2012
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: 03/05/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Annually

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

Date of Government Version: 01/16/2012
Date Data Arrived at EDR: 01/18/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 35

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/16/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 01/13/2012
Date Data Arrived at EDR: 01/24/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Semi-Annually

NAPA COUNTY:

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

Date of Government Version: 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: 03/05/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: No Update Planned

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

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

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: No Update Planned

ORANGE COUNTY:

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

Date of Government Version: 02/01/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 4

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Annually

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

Date of Government Version: 02/01/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 4

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 02/01/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 04/03/2012
Number of Days to Update: 46

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

PLACER COUNTY:

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

Date of Government Version: 03/19/2012
Date Data Arrived at EDR: 03/19/2012
Date Made Active in Reports: 04/04/2012
Number of Days to Update: 16

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
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: 01/18/2012
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 26

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 29

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/26/2012
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/02/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 11/08/2011
Number of Days to Update: 27

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2011
Date Data Arrived at EDR: 10/14/2011
Date Made Active in Reports: 11/08/2011
Number of Days to Update: 25

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

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

Date of Government Version: 03/01/2012
Date Data Arrived at EDR: 03/01/2012
Date Made Active in Reports: 03/27/2012
Number of Days to Update: 26

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

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

Date of Government Version: 09/09/2010
Date Data Arrived at EDR: 09/15/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 14

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/16/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 39

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

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

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

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite 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: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
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: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
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: 01/18/2012
Date Data Arrived at EDR: 01/18/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 35

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

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

Date of Government Version: 01/17/2012
Date Data Arrived at EDR: 01/17/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 35

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Annually

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

Date of Government Version: 12/15/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 35

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

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

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
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: 03/05/2012
Date Data Arrived at EDR: 03/07/2012
Date Made Active in Reports: 03/27/2012
Number of Days to Update: 20

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/05/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Annually

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

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 4

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Annually

SOLANO COUNTY:

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

Date of Government Version: 12/19/2011
Date Data Arrived at EDR: 01/06/2012
Date Made Active in Reports: 01/27/2012
Number of Days to Update: 21

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 12/19/2011
Date Data Arrived at EDR: 01/17/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 38

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

SONOMA COUNTY:

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

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

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

SUTTER COUNTY:

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

Date of Government Version: 03/12/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 04/03/2012
Number of Days to Update: 21

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

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

Date of Government Version: 02/03/2012
Date Data Arrived at EDR: 02/22/2012
Date Made Active in Reports: 03/29/2012
Number of Days to Update: 36

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

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

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

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

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

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 12/27/2011
Date Data Arrived at EDR: 02/03/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 18

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/17/2012
Number of Days to Update: 29

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

YOLO COUNTY:

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

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 01/06/2012
Date Made Active in Reports: 01/17/2012
Number of Days to Update: 11

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Annually

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/20/2012
Date Data Arrived at EDR: 02/20/2012
Date Made Active in Reports: 03/15/2012
Number of Days to Update: 24

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Annually

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

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 02/09/2012
Date Made Active in Reports: 03/09/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/09/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 03/06/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

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

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

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

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Annually

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

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

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

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

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

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

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

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

SHADOW RUN RANCH
HIGHWAY 76
PAUMA VALLEY, CA 92061

TARGET PROPERTY COORDINATES

Latitude (North):	33.3428 - 33' 20' 34.08"
Longitude (West):	117.0164 - 117' 0' 59.04"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	498473.9
UTM Y (Meters):	3689098.8
Elevation:	786 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	33117-C1 PALA, CA
Most Recent Revision:	1988
East Map:	33116-C8 BOUCHER HILL, CA
Most Recent Revision:	1988

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

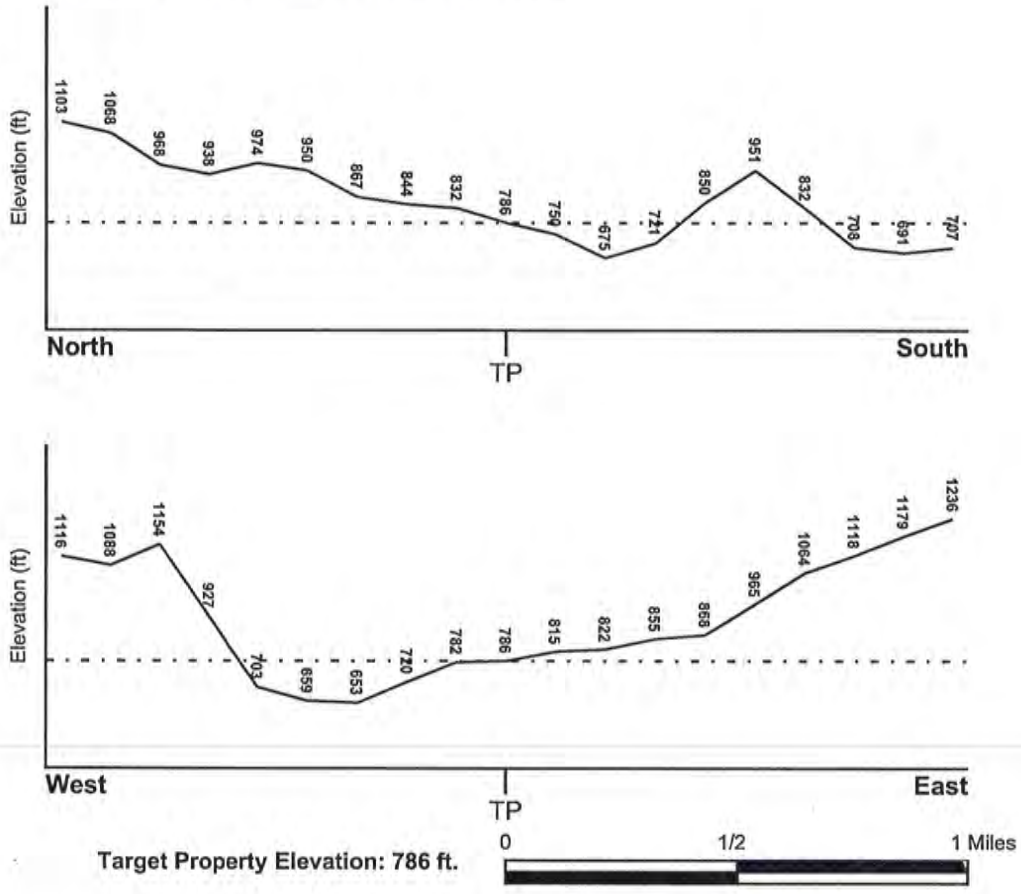
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 786 ft.

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	FEMA Flood Electronic Data
SAN DIEGO, CA	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	NWI Electronic Data Coverage
PALA	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

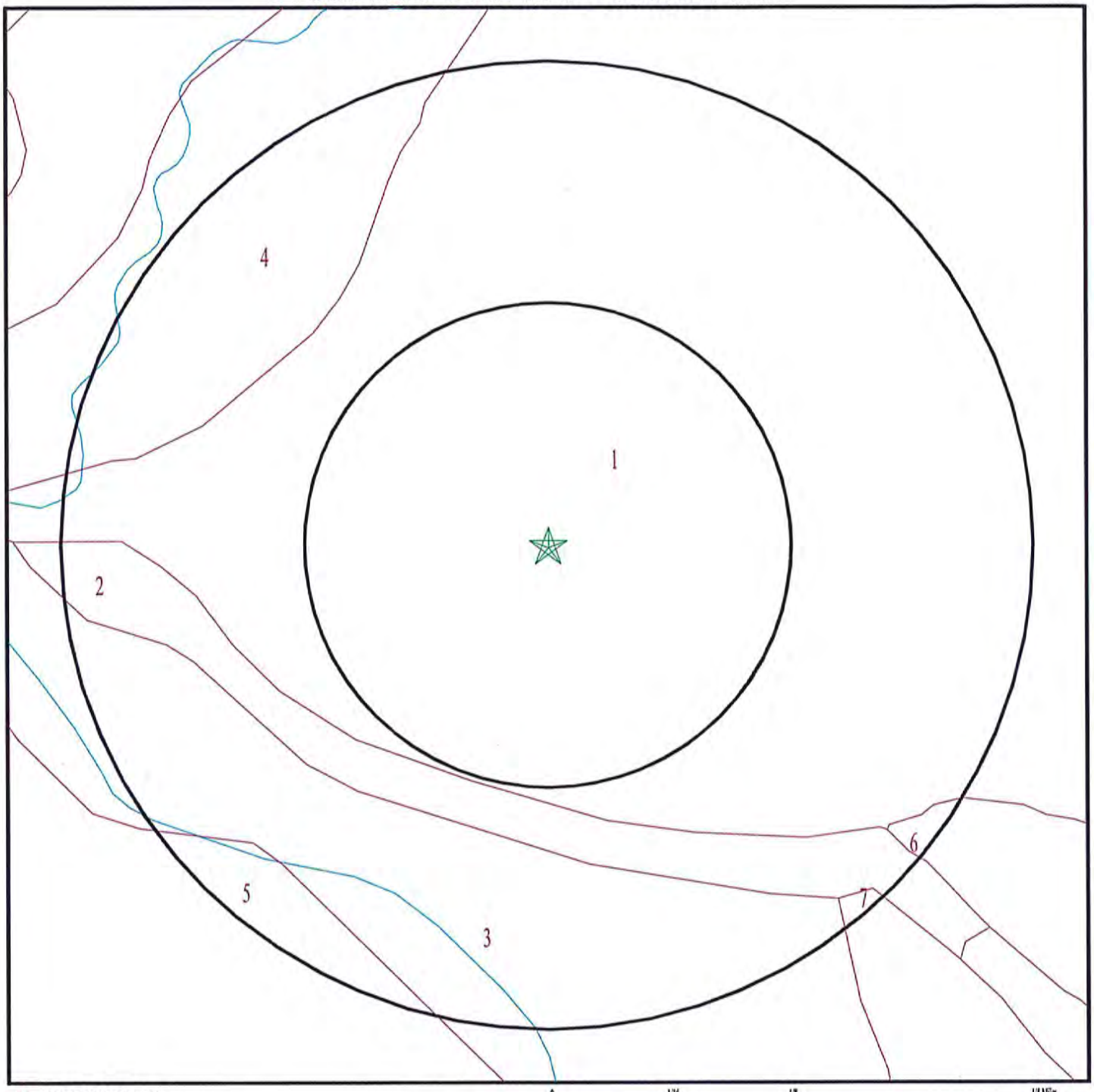
Era:	Mesozoic
System:	Cretaceous
Series:	Cretaceous granitic rocks
Code:	Kg *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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

SSURGO SOIL MAP - 03300179.2r



★ Target Property

SSURGO Soil

Water

0 1/16 1/8 1/4 Miles

SITE NAME: Shadow Run Ranch ADDRESS: Highway 76 Pauma Valley CA 92061 LAT/LONG: 33.3428 / 117.0164	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY #: 03300179.2r DATE: April 10, 2012 2:23 pm

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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: SOBOBA

Soil Surface Texture: stony loamy sand

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

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	stony loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141 Min: 141	Max: 7.8 Min: 6.6
2	11 inches	59 inches	very stony loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141 Min: 141	Max: 7.8 Min: 6.6

Soil Map ID: 2

Soil Component Name: TERRACE ESCARPMENTS

Soil Surface Texture: variable

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

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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

Soil Map ID: 3

Soil Component Name: RIVERWASH

Soil Surface Texture: gravelly coarse sand

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

Soil Drainage Class: Excessively drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 168 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	gravelly coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel.	Max: 141 Min: 42	Max: Min:
2	5 inches	59 inches	stratified extremely gravelly coarse sand to gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel.	Max: 141 Min: 42	Max: Min:

Soil Map ID: 4

Soil Component Name: STONY LAND

Soil Surface Texture: unweathered bedrock

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

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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

Soil Map ID: 5

Soil Component Name: CIENEBA

Soil Surface Texture: coarse 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:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 5 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	7 inches	11 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: ANDERSON

Soil Surface Texture: very gravelly 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: Somewhat excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 6.5 Min: 5.6
2	25 inches	59 inches	very gravelly coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 6.5 Min: 5.6

Soil Map ID: 7

Soil Component Name: VISALIA

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: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6.5 Min: 6.1
2	11 inches	40 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6.5 Min: 6.1
3	40 inches	59 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6.5 Min: 6.1

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

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	USGS3127545	1/8 - 1/4 Mile SSE
B5	USGS3127398	1/4 - 1/2 Mile WNW
C7	USGS3127400	1/2 - 1 Mile WNW
D8	USGS3127493	1/2 - 1 Mile SSE
D9	USGS3127497	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D10	USGS3127498	1/2 - 1 Mile SSE
D13	USGS3127492	1/2 - 1 Mile SSE
E15	USGS3127483	1/2 - 1 Mile SSE
F16	USGS3127429	1/2 - 1 Mile WNW
G19	USGS3127471	1/2 - 1 Mile SSE
G20	USGS3127467	1/2 - 1 Mile SSE
G22	USGS3127458	1/2 - 1 Mile SSE
24	USGS3127287	1/2 - 1 Mile NNW
H26	USGS3127453	1/2 - 1 Mile SSE
27	USGS3127455	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

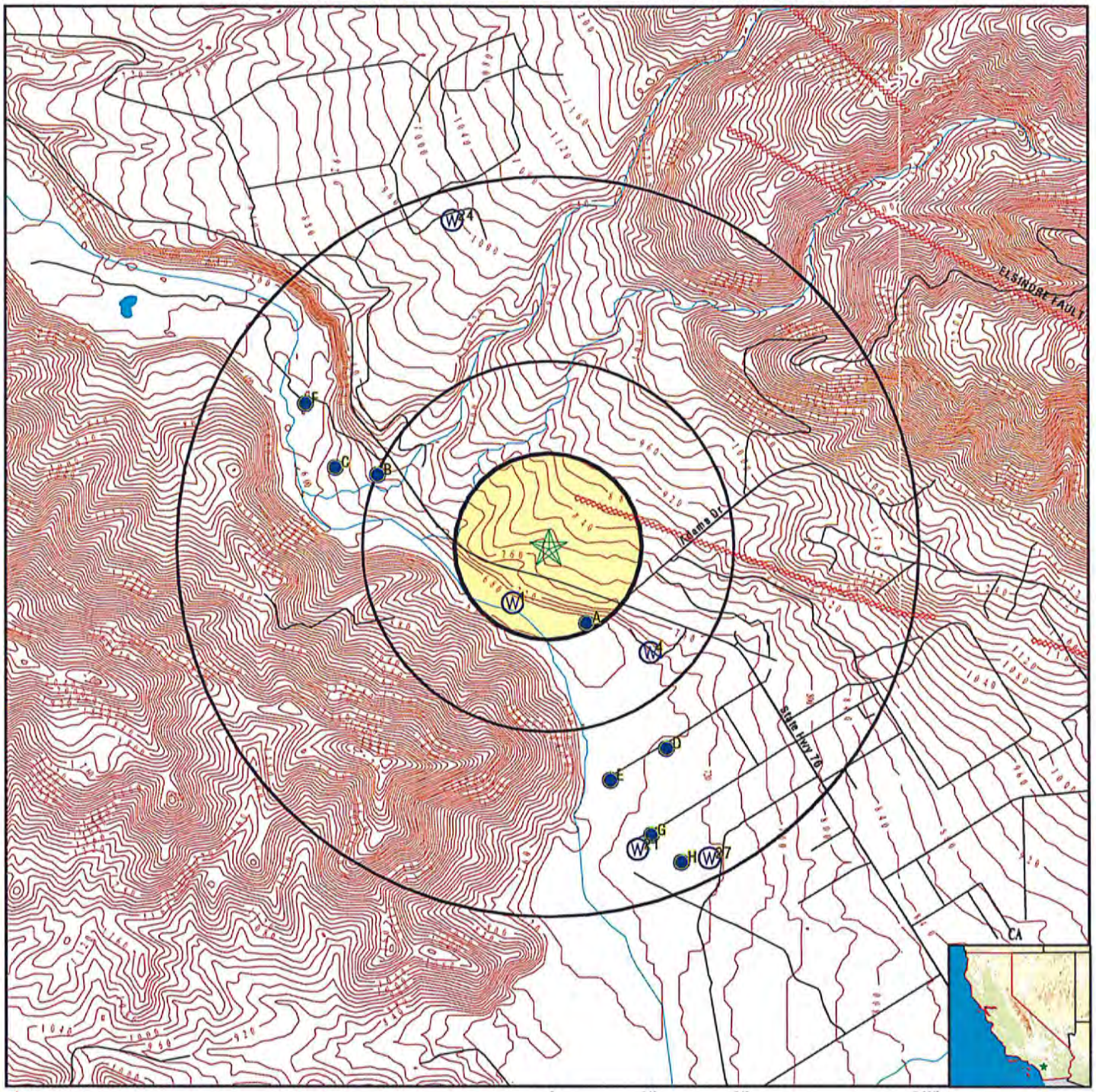
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	10024	1/8 - 1/4 Mile SSW
A2	CADW40000002399	1/8 - 1/4 Mile SSE
4	10021	1/4 - 1/2 Mile SE
B6	CADW40000002447	1/2 - 1 Mile WNW
D11	10022	1/2 - 1 Mile SSE
C12	CADW40000002449	1/2 - 1 Mile WNW
E14	CADW40000002351	1/2 - 1 Mile SSE
F17	CADW40000002474	1/2 - 1 Mile WNW
G18	10023	1/2 - 1 Mile SSE
21	CADW40000002333	1/2 - 1 Mile SSE
H23	CADW40000002328	1/2 - 1 Mile SSE
H25	CADW40000002329	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 03300179.2r



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

0 1/4 1/2 1 Miles

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

N

SITE NAME: Shadow Run Ranch ADDRESS: Highway 76 Pauma Valley CA 92061 LAT/LONG: 33.3428 / 117.0164	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY #: 03300179.2r DATE: April 10, 2012 2:23 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **SSW** **1/8 - 1/4 Mile** **Lower**	**CA WELLS**	**10024**

Water System Information:

Prime Station Code:	10S/01W-06A02 S	User ID:	37C
FRDS Number:	3700006001	County:	San Diego
District Number:	67	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	332026.0 1170102.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 02		
System Number:	3700006		
System Name:	PAUMA RIDGE MWC		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

A2 **SSE** **1/8 - 1/4 Mile** **Lower**	**CA WELLS**	**CADW40000002399**

Longitude:	-117.0142
Latiude:	33.3398
Stwellno:	10S01W05D001S
Districtco:	3
Welluseco:	Z
Countyco:	37
Gwcode:	900700
Site id:	CADW40000002399

A3 **SSE** **1/8 - 1/4 Mile** **Lower**	**FED USGS**	**USGS3127545**

Agency cd:	USGS	Site no:	332023117004801
Site name:	010S001W05D001S		
Latitude:	332023	EDR Site id:	USGS3127545
Longitude:	1170048	Dec lat:	33.33975569
Dec lon:	-117.01419488	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	PALA	Map scale:	24000
Altitude:	775.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Stream channel		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1978-08-17
Water quality data end date:	1978-08-17	Water quality data count:	1
Ground water data begin date:	1972-04-18	Ground water data end date:	1985-05-01
Ground water data count:	20		

Ground-water levels, Number of Measurements: 20

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-05-01	22.57				
Note: A nearby site that taps the same aquifer was being pumped.					
1984-11-13	22.00				
Note: The site had been pumped recently.					
1984-04-30	12.26		1983-10-18	13.34	
1983-04-26					
Note: The site was flowing, but the head could not be measured without additional equipment.					
1982-10-18	34.89				
Note: A nearby site that taps the same aquifer was being pumped.					
1982-03-02	-0.85		1981-10-29	17.64	
1981-03-11					
Note: The site was flowing, but the head could not be measured without additional equipment.					
1980-10-08	15.30		1980-05-12	8.04	
1979-09-12	44.63				
Note: A nearby site that taps the same aquifer was being pumped.					
1979-03-22	3.64				
1978-10-12	50.88				
Note: A nearby site that taps the same aquifer was being pumped.					
1978-03-16	22.37				
1977-09-27	62.05				
Note: A nearby site that taps the same aquifer was being pumped.					
1977-03-24	50.78				
Note: A nearby site that taps the same aquifer was being pumped.					
1976-08-13	58.22				
Note: A nearby site that taps the same aquifer was being pumped.					
1975-06-19	32.09		1972-04-18	30.39	

4
SE
1/4 - 1/2 Mile
Lower

CA WELLS **10021**

Water System Information:

Prime Station Code:	10S/01W-05E02 S	User ID:	37C
FRDS Number:	3702754001	County:	San Diego
District Number:	67	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	332019.0 1170039.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 02		

System Number:	3702754		
System Name:	RANCHO CORRIDO		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		
Sample Collected:	01/27/2011	Findings:	28.93 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/24/2011	Findings:	25.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/29/2011	Findings:	23.14 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/28/2011	Findings:	25.37 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/26/2011	Findings:	25.3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/28/2011	Findings:	20.5 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/27/2011	Findings:	26.3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/26/2011	Findings:	25.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/27/2011	Findings:	24.5 MG/L
Chemical:	NITRATE (AS NO3)		

B5
WNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS3127398**

Agency cd:	USGS	Site no:	332044117012301
Site name:	009S001W31Q001S		
Latitude:	332044	EDR Site id:	USGS3127398
Longitude:	1170123	Dec lat:	33.34558881
Dec lon:	-117.02391733	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	705.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	19640101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	164	Hole depth:	164
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1978-08-01
Water quality data end date:	1981-06-23	Water quality data count:	2
Ground water data begin date:	1971-09-01	Ground water data end date:	1978-03-23
Ground water data count:	3		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1978-03-23	98.54		1971-09-29	104.99	
1971-09-01	105.00				

B6
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADW40000002447**

Longitude:	-117.0239
Latiude:	33.3456
Stwellno:	09S01W31Q001S
Districtco:	3
Welluseco:	Z
Countyco:	37
Gwcode:	900700
Site id:	CADW40000002447

C7
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS3127400**

Agency cd:	USGS	Site no:	332045117013001
Site name:	009S001W31P001S		
Latitude:	332045	EDR Site id:	USGS3127400
Longitude:	1170130	Dec lat:	33.34586657
Dec lon:	-117.02586183	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	645.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Stream channel		
Site type:	Ground-water other than Spring	Date construction:	19680101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	91.0	Hole depth:	91.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-09-01	Ground water data end date:	1971-09-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-09-01	46.00	

D8
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS3127493**

Agency cd:	USGS	Site no:	332005117004101
Site name:	010S001W05M005S		
Latitude:	332005.4	EDR Site id:	USGS3127493
Longitude:	1170041.1	Dec lat:	33.33483333
Dec lon:	-117.01141667	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	PALA	Map scale:	24000
Altitude:	700		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19990707
Date inventoried:	20040630	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	200	Hole depth:	209
Source of depth data:	driller		
Project number:	9677BHM22		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

D9
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS3127497**

Agency cd:	USGS	Site no:	332006117003501
Site name:	010S001W05L001S		
Latitude:	332006	EDR Site id:	USGS3127497
Longitude:	1170035	Dec lat:	33.33503361
Dec lon:	-117.01058372	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	706.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	200	Hole depth:	200
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1961-03-08
Water quality data end date:	1961-03-08	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

D10
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS3127498**

Agency cd:	USGS	Site no:	332006117003502
Site name:	010S001W05M002S		
Latitude:	332006	EDR Site id:	USGS3127498
Longitude:	1170035	Dec lat:	33.33503361
Dec lon:	-117.01058372	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	700.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	200	Hole depth:	200
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

D11
SSE
1/2 - 1 Mile
Lower

CA WELLS **10022**

Water System Information:

Prime Station Code:	10S/01W-05L02 S	User ID:	37C
FRDS Number:	3700936001	County:	San Diego
District Number:	67	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	332006.0 1170035.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 02		
System Number:	3700936		
System Name:	RANCHO ESTATES MWC		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

C12
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADW40000002449**

Longitude:	-117.0259
Latiude:	33.3459
Stwellno:	09S01W31P001S
Districtco:	3
Welluseco:	Z
Countyco:	37
Gwcode:	900700
Site id:	CADW40000002449

D13
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS3127492**

Agency cd:	USGS	Site no:	332004117003801
Site name:	010S001W05M004S		
Latitude:	332004	EDR Site id:	USGS3127492
Longitude:	1170038	Dec lat:	33.33447806
Dec lon:	-117.01141708	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	700.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19700101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	231	Hole depth:	235
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1970-11-01	Ground water data end date:	1970-11-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1970-11-01	46.00	

E14
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADW40000002351**

Longitude:	-117.0131
Latiude:	33.3336
Stwellno:	10S01W05M001S
Districtco:	3
Welluseco:	Z
Countyco:	37
Gwcode:	900700
Site id:	CADW40000002351

E15
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS3127483**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	332001117004401
Site name:	010S001W05M001S		
Latitude:	332001	EDR Site id:	USGS3127483
Longitude:	1170044	Dec lat:	33.33364474
Dec lon:	-117.01308381	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	PALA	Map scale:	24000
Altitude:	710.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	270	Hole depth:	270
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1972-09-15
Water quality data end date:	1984-09-06	Water quality data count:	6
Ground water data begin date:	1964-06-20	Ground water data end date:	1989-09-07
Ground water data count:	107		

Ground-water levels, Number of Measurements: 107

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1989-09-07					
Note: The site was being pumped.					
1985-12-26	9.67				
1985-10-17	80.48				
Note: The site was being pumped.					
1985-08-14	49.60				
Note: The site had been pumped recently.					
1985-06-06	54.48				
Note: The site was being pumped.					
1985-05-01	20.72		1985-02-11	4.63	
1984-12-17	8.93				
1984-11-06	42.75				
Note: The site had been pumped recently.					
1984-08-29	63.08				
Note: The site was being pumped.					
1984-06-25	67.18				
Note: The site was being pumped.					
1984-04-30	26.43				
Note: A nearby site that taps the same aquifer was being pumped.					
1984-02-15	17.14		1983-12-08	4.23	
1983-10-18	49.35				
Note: The site was being pumped.					

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-08-29	50.37				
Note: The site was being pumped.					
1983-07-08	71.22				
Note: The site was being pumped.					
1983-04-25	1.52		1983-02-25	4.18	
1982-12-15	6.28				
1982-10-19	73.30				
Note: The site was being pumped.					
1982-04-13	9.72		1982-03-02	3.18	
1981-11-25	59.24				
Note: The site was being pumped.					
1981-10-16	61.10				
Note: The site was being pumped.					
1981-09-16	76.23				
Note: The site was being pumped.					
1981-08-07	79.82				
Note: The site was being pumped.					
1981-07-10	43.67		1981-06-03	24.84	
1981-04-07	7.91		1981-03-11	1.00	
1981-02-18	9.66				
Note: A nearby site that taps the same aquifer was being pumped.					
1981-01-28	6.38		1980-12-09	4.62	
1980-11-03	54.62				
1980-09-04	37.72				
Note: A nearby site that taps the same aquifer was being pumped.					
1980-07-30	67.16				
Note: The site was being pumped.					
1980-06-26	32.67				
Note: A nearby site that taps the same aquifer was being pumped.					
1980-05-15	10.66		1980-03-31	3.88	
1980-02-05	2.94				
1979-11-16					
Note: The site was being pumped.					
1979-10-17	42.32		1979-08-14	46.58	
1979-07-18	49.04				
1979-06-15	69.55				
Note: The site was being pumped.					
1979-05-08	21.52				
Note: The site had been pumped recently.					
1979-04-11	3.76		1979-03-22	4.25	
1979-02-05	6.72		1979-01-04	16.42	
1978-11-15	34.61				
1978-10-11	81.85				
Note: The site was being pumped.					
1978-09-07	37.25				
1978-07-21	85.63				
Note: The site was being pumped.					
1978-03-16	24.86		1978-01-26	41.78	
1977-12-20	62.06				
1977-11-18	95.00				
Note: The site was being pumped.					
1977-09-27	95.09				
Note: The site was being pumped.					
1977-08-25	94.55				
Note: The site was being pumped.					

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1977-07-22	95.20				
Note: The site was being pumped.					
1977-06-08	89.50				
Note: The site was being pumped.					
1977-04-22	85.08				
Note: The site was being pumped.					
1977-03-24	91.93				
Note: The site was being pumped.					
1977-02-04	39.05				
1976-12-17	94.55				
Note: The site was being pumped.					
1976-11-19	80.02				
Note: The site was being pumped.					
1976-10-07	90.97				
Note: The site was being pumped.					
1976-09-03	94.86				
Note: The site was being pumped.					
1976-07-29	88.00				
Note: The site was being pumped.					
1976-06-16	85.69				
Note: The site was being pumped.					
1976-01-21	80.32				
Note: The site was being pumped.					
1975-12-09	47.33				
Note: The site had been pumped recently.					
1975-05-22	41.24				
Note: A nearby site that taps the same aquifer was being pumped.					
1975-04-22	21.59		1975-01-30	46.58	
1973-03-23	31.67		1972-04-20	34.09	
1969-06-25	23.83				
1969-04-21	95.00				
Note: The site was being pumped.					
1969-04-07	15.00		1969-04-01	16.00	
1969-03-25	16.00		1969-03-13	20.00	
1969-01-22	41.00		1969-01-15	41.00	
1968-12-17	96.00				
Note: The site was being pumped.					
1968-03-04	96.00				
Note: The site was being pumped.					
1968-02-20	34.00		1968-02-05	31.00	
1968-01-22	39.00				
1967-06-05	112.00				
Note: The site was being pumped.					
1967-05-15	31.00		1967-05-03	30.00	
1967-04-25	94.00				
Note: The site was being pumped.					
1967-04-18	44.00		1967-04-12	36.00	
1967-04-04	37.00		1966-03-03	43.00	
1966-02-08	40.50		1966-01-11	44.00	
1965-12-21	48.00		1965-12-06	53.00	
1964-08-14	125.00				
Note: The site was being pumped.					
1964-07-11	94.42				
Note: The site was being pumped.					
1964-06-20	94.00				
Note: The site was being pumped.					

Map ID Direction Distance Elevation	Database	EDR ID Number
F16 **WNW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS3127429**

Agency cd:	USGS	Site no:	332054117013501
Site name:	009S001W31L001S		
Latitude:	332054	EDR Site id:	USGS3127429
Longitude:	1170135	Dec lat:	33.3483665
Dec lon:	-117.02725074	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	590.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	60.0	Hole depth:	60.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1964-06-19
Water quality data end date:	1981-06-23	Water quality data count:	3
Ground water data begin date:	1967-02-01	Ground water data end date:	1967-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-02-01	14.00	

F17 **WNW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADW40000002474**

Longitude:	-117.0273
Latiude:	33.3484
Stwellno:	09S01W31L001S
Districtco:	3
Welluseco:	Z
Countyco:	37
Gwcode:	900700
Site id:	CADW40000002474

Map ID Direction Distance Elevation	Database	EDR ID Number
G18 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**10023**

Water System Information:

Prime Station Code:	10S/01W-05M04 S	User ID:	37C
FRDS Number:	3700934001	County:	San Diego
District Number:	67	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	331955.0 1170039.0	Precision:	100 Feet (one Second)
Source Name:	WELL 04 WESTERN		
System Number:	3700934		
System Name:	PAUMA VALLEY MWC		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		
Sample Collected:	06/28/2011	Findings:	35.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/26/2011	Findings:	27.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/29/2011	Findings:	33.4 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/28/2011	Findings:	27.1 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/31/2011	Findings:	11.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/31/2011	Findings:	1. UNITS
Chemical:	COLOR		
Sample Collected:	10/31/2011	Findings:	830. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/31/2011	Findings:	7.21
Chemical:	PH, LABORATORY		
Sample Collected:	10/31/2011	Findings:	148. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	10/31/2011	Findings:	148. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/31/2011	Findings:	291. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	10/31/2011	Findings:	82. MG/L
Chemical:	CALCIUM		
Sample Collected:	10/31/2011	Findings:	25. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/31/2011	Findings:	41. MG/L
Chemical:	SODIUM		

Sample Collected:	10/31/2011	Findings:	4.8 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/31/2011	Findings:	119. MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/31/2011	Findings:	0.5 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	10/31/2011	Findings:	540. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/31/2011	Findings:	32. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/31/2011	Findings:	0.2 NTU
Chemical:	TURBIDITY, LABORATORY		

G19
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS3127471**

Agency cd:	USGS	Site no:	331954117003801
Site name:	010S001W05N001S		
Latitude:	331954	EDR Site id:	USGS3127471
Longitude:	1170038	Dec lat:	33.33170035
Dec lon:	-117.01141712	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	704.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	107	Hole depth:	107
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
G20 **SSE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS3127467**

Agency cd:	USGS	Site no:	331953117004001
Site name:	010S001W05N002S		
Latitude:	331953	EDR Site id:	USGS3127467
Longitude:	1170040	Dec lat:	33.33142258
Dec lon:	-117.01197269	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	704.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19630101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	190	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1963-08-22
Water quality data end date:	1964-06-29	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

---

21 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADW40000002333**

Longitude:	-117.0114
Latiude:	33.3309
Stwellno:	10S01W05N003S
Districtco:	3
Welluseco:	Z
Countyco:	37
Gwcode:	900700
Site id:	CADW40000002333

Map ID Direction Distance Elevation	Database	EDR ID Number
G22 **SSE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS3127458**

Agency cd:	USGS	Site no:	331951117003801
Site name:	010S001W05N003S		
Latitude:	331951	EDR Site id:	USGS3127458
Longitude:	1170038	Dec lat:	33.33086704
Dec lon:	-117.01141713	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	700.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19640101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	303	Hole depth:	303
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1964-11-01	Ground water data end date:	1964-11-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1964-11-01	0.00	

	Database	EDR ID Number
H23 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADW40000002328**

Longitude:	-117.01
Latiude:	33.3303
Stwellno:	10S01W05P001S
Districtco:	3
Welluseco:	Z
Countyco:	37
Gwcode:	900700
Site id:	CADW40000002328

Map ID Direction Distance Elevation	Database	EDR ID Number
24 **NNW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS3127287**

Agency cd:	USGS	Site no:	332120117011201
Site name:	009S001W31Z001S		
Latitude:	332120	EDR Site id:	USGS3127287
Longitude:	1170112	Dec lat:	33.35558858
Dec lon:	-117.02086156	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	1025.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19300101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	700	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

H25 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADW40000002329**

Longitude:	-117.0089
Latiude:	33.3306
Stwellno:	10S01W05P006S
Districtco:	3
Welluseco:	Z
Countyco:	37
Gwcode:	900700
Site id:	CADW40000002329

Map ID Direction Distance Elevation	Database	EDR ID Number
H26 **SSE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS3127453**

Agency cd:	USGS	Site no:	331949117003301
Site name:	010S001W05P001S		
Latitude:	331949	EDR Site id:	USGS3127453
Longitude:	1170033	Dec lat:	33.3303115
Dec lon:	-117.0100282	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	705.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19590101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	340	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1960-04-20
Water quality data end date:	1960-04-20	Water quality data count:	1
Ground water data begin date:	1990-03-21	Ground water data end date:	1992-12-17
Ground water data count:	10		

Ground-water levels, Number of Measurements: 10

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1992-12-17	66.88		1992-03-17	40.85	
1991-12-18	68.40				
1991-09-24					
Note: The site was being pumped.					
1991-06-19	75.95				
Note: A nearby site that taps the same aquifer was being pumped.					
1991-03-28	34.34		1990-12-20	63.06	
1990-09-17	0.0				
Note: The site was being pumped.					
1990-06-13	40.35				
Note: A nearby site that taps the same aquifer was being pumped.					
1990-03-21	34.98				
Note: A nearby site that taps the same aquifer had been pumped recently.					

Map ID Direction Distance Elevation	Database	EDR ID Number
27 **SSE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS3127455**

Agency cd:	USGS	Site no:	331950117002901
Site name:	010S001W05P006S		
Latitude:	331950	EDR Site id:	USGS3127455
Longitude:	1170029	Dec lat:	33.33058928
Dec lon:	-117.00891705	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	712.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-11-01	Ground water data end date:	1971-11-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-11-01	54.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92061	1	0

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.

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

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

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

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

STATE RECORDS

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

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

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

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

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

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Shadow Run Ranch
Highway 76
Pauma Valley, CA 92061

Inquiry Number: 3300179.3
April 10, 2012

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

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

Certified Sanborn® Map Report

4/10/12

Site Name:
Shadow Run Ranch
Highway 76
Pauma Valley, CA 92061

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

EDR Inquiry # 3300179.3

Contact: Jon Cain

EDR® Environmental Data Resources Inc

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 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:	Shadow Run Ranch
Address:	Highway 76
City, State, Zip:	Pauma Valley, CA 92061
Cross Street:	
P.O. #	174-12
Project:	Shadow Run Ranch
Certification #	97CA-485B-A77B

Sanborn® Library search results
Certification # 97CA-485B-A77B

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

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Shadow Run Ranch
Highway 76
Pauma Valley, CA 92061

Inquiry Number: 3300179.4
April 10, 2012

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

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

EDR Historical Topographic Map Report

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

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

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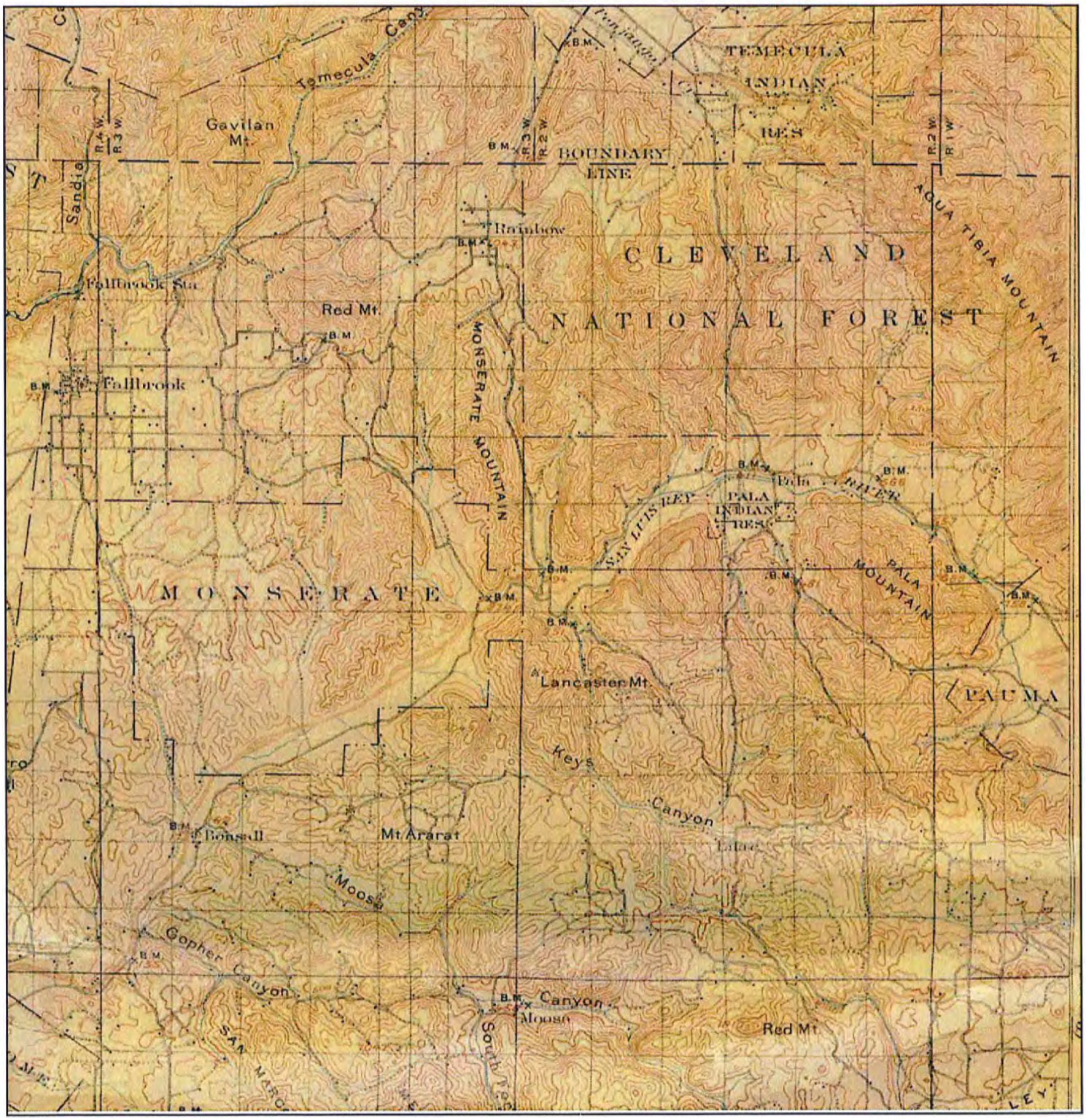
Historical Topographic Map



N	TARGET QUAD NAME: SAN LUIS REY MAP YEAR: 1901 SERIES: 30 SCALE: 1:125000	SITE NAME: Shadow Run Ranch ADDRESS: Highway 76 Pauma Valley, CA 92061 LAT/LONG: 33.3428 / -117.0164	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3300179.4 RESEARCH DATE: 04/10/2012

Historical Topographic Map

Unsurveyed Area on the Topographic Map

N	TARGET QUAD NAME: SOUTHERN CA SHEET 2 MAP YEAR: 1904 SERIES: 60 SCALE: 1:250000	SITE NAME: Shadow Run Ranch ADDRESS: Highway 76 Pauma Valley, CA 92061 LAT/LONG: 33.3428 / -117.0164	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3300179.4 RESEARCH DATE: 04/10/2012

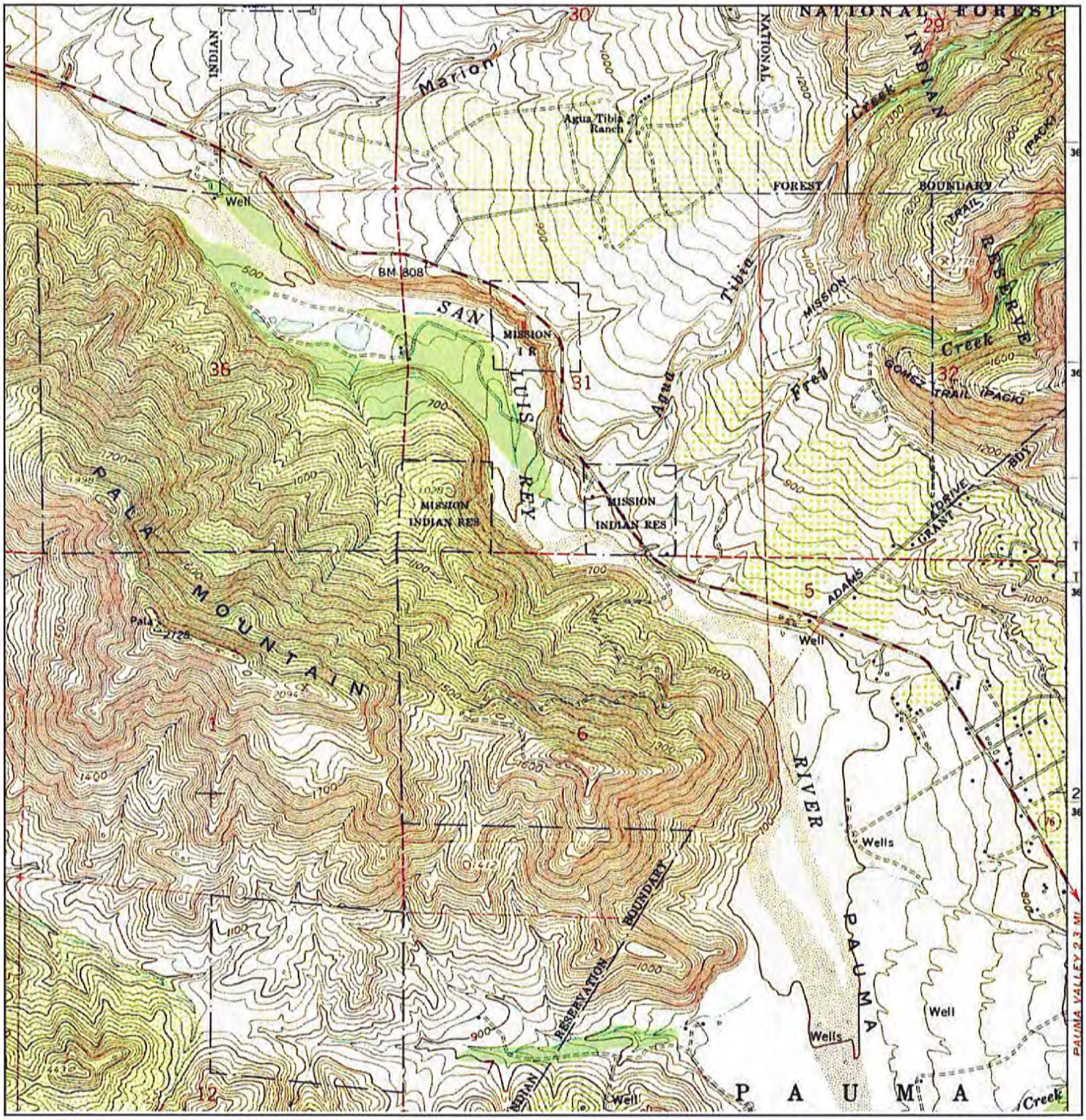
Historical Topographic Map

N	TARGET QUAD NAME: TEMECULA MAP YEAR: 1947 SERIES: 15 SCALE: 1:50000	SITE NAME: Shadow Run Ranch ADDRESS: Highway 76 Pauma Valley, CA 92061 LAT/LONG: 33.3428 / -117.0164	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3300179.4 RESEARCH DATE: 04/10/2012

Historical Topographic Map

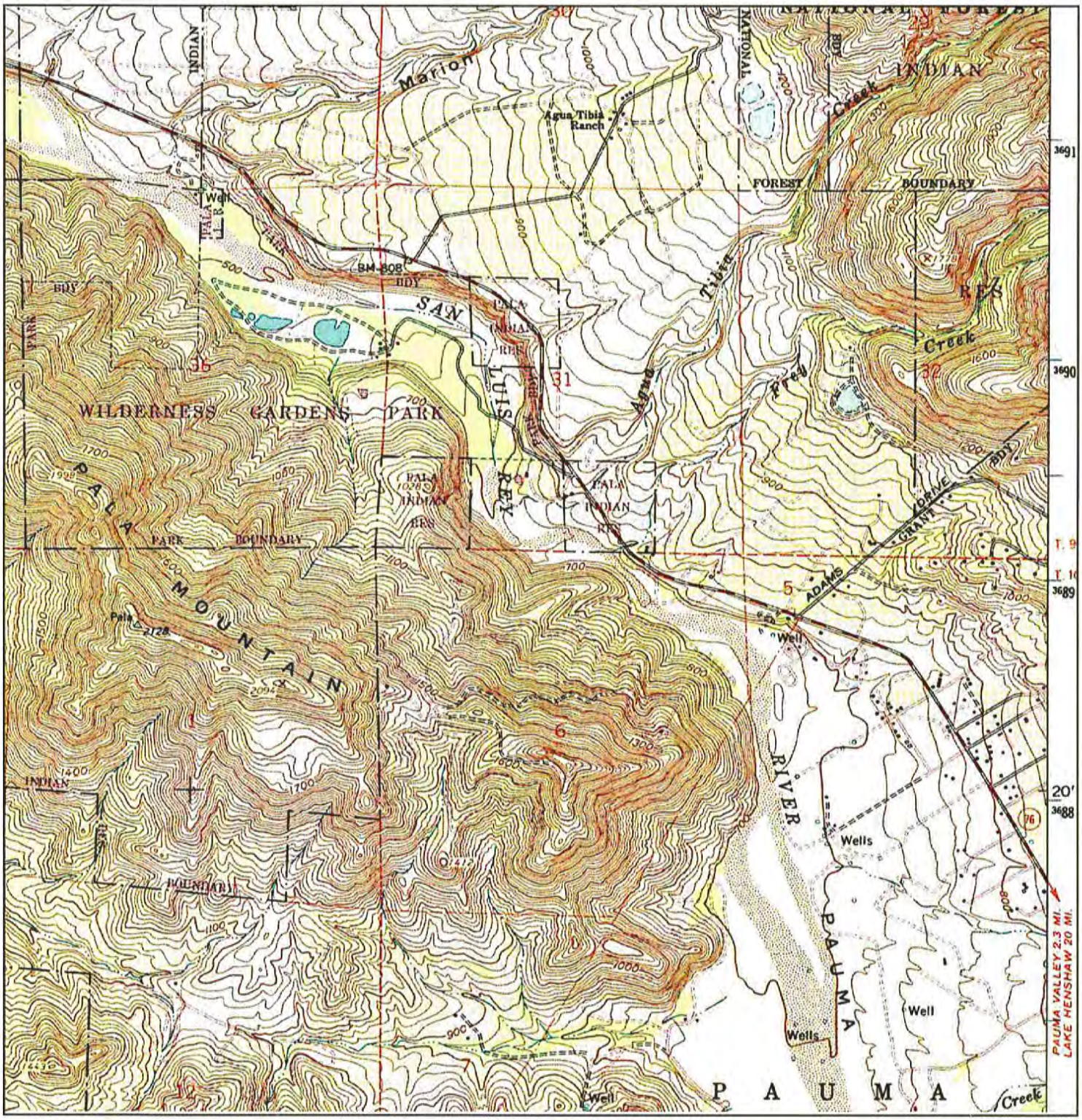
N	TARGET QUAD NAME: PALA MAP YEAR: 1950 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Shadow Run Ranch ADDRESS: Highway 76 Pauma Valley, CA 92061 LAT/LONG: 33.3428 / -117.0164	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3300179.4 RESEARCH DATE: 04/10/2012

Historical Topographic Map



N	TARGET QUAD NAME: PALA MAP YEAR: 1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Shadow Run Ranch ADDRESS: Highway 76 Pauma Valley, CA 92061 LAT/LONG: 33.3428 / -117.0164	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3300179.4 RESEARCH DATE: 04/10/2012

Historical Topographic Map



N	TARGET QUAD NAME: PALA MAP YEAR: 1982 PHOTOREVISED FROM :1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Shadow Run Ranch ADDRESS: Highway 76 Pauma Valley, CA 92061 LAT/LONG: 33.3428 / -117.0164	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3300179.4 RESEARCH DATE: 04/10/2012

Historical Topographic Map

N	TARGET QUAD NAME: PALA MAP YEAR: 1988 PHOTOREVISED FROM :1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Shadow Run Ranch ADDRESS: Highway 76 Pauma Valley, CA 92061 LAT/LONG: 33.3428 / -117.0164	CLIENT: Petra Geotechnical Inc CONTACT: Jon Cain INQUIRY#: 3300179.4 RESEARCH DATE: 04/10/2012

Shadow Run Ranch
Highway 76
Pauma Valley, CA 92061

Inquiry Number: 3300179.5
April 11, 2012

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

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

EDR Aerial Photo Decade Package

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

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Date EDR Searched Historical Sources:

Aerial Photography April 11, 2012

Target Property:

Highway 76

Pauma Valley, CA 92061

Year	*Scale*	*Details*	*Source*
1939	Aerial Photograph. Scale: 1"=555'	Flight Year: 1939	Fairchild
1946	Aerial Photograph. Scale: 1"=655'	Flight Year: 1946	Jack Ammann
1953	Aerial Photograph. Scale: 1"=555'	Flight Year: 1953	Park
1963	Aerial Photograph. Scale: 1"=555'	Flight Year: 1963	Cartwright
1975	Aerial Photograph. Scale: 1"=516'	Flight Year: 1975	Nasa
1989	Aerial Photograph. Scale: 1"=666'	Flight Year: 1989	USGS
1995	Aerial Photograph. Scale: 1"=500'	/Composite DOQQ - acquisition dates: 1995	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR

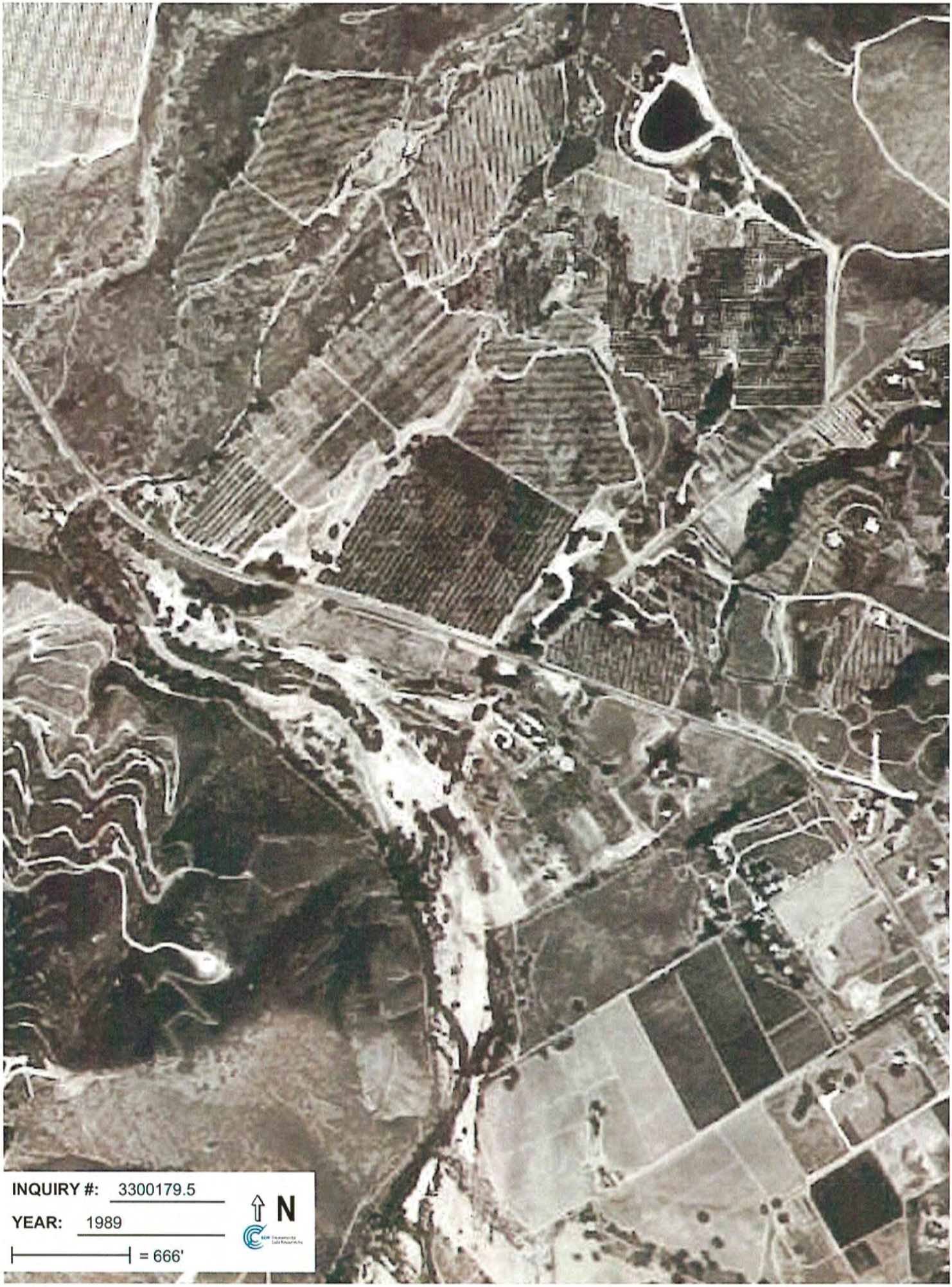
INQUIRY #: 3300179.5
YEAR: 1939
= 555'
N

INQUIRY #: 3300179.5
YEAR: 1946
= 655'
N

INQUIRY #: 3300179.5
YEAR: 1953
= 555'
N

INQUIRY #: 3300179.5
YEAR: 1963
= 555'
N

INQUIRY #: 3300179.5
YEAR: 1975
= 516'
N


INQUIRY #: 3300179.5
YEAR: 1989
= 666'
N

INQUIRY #: 3300179.5
YEAR: 1995
= 500'
N

INQUIRY #: 3300179.5
YEAR: 2005
= 500'
N

Shadow Run Ranch
Highway 76
Pauma Valley, CA 92061

Inquiry Number: 3300179.6
April 13, 2012

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
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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.

Year	Target Street	Cross Street	Source
2001	☑	☐	Haines Criss-Cross Directory
1994	☑	☐	Haines Criss-Cross Directory
1988	☑	☐	Haines Criss-Cross Directory
1980	☑	☐	Haines Criss-Cross Directory
1975	☑	☐	Haines Criss-Cross Directory
1970	☑	☐	Haines Criss-Cross Directory

RECORD SOURCES

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FINDINGS

TARGET PROPERTY STREET

Highway 76
Pauma Valley, CA 92061

Year	*CD Image*	*Source*
Highway 76		
2001	pg A1	Haines Criss-Cross Directory
1994	pg A2	Haines Criss-Cross Directory
1988	pg A3	Haines Criss-Cross Directory
1980	pg A4	Haines Criss-Cross Directory
1975	pg A5	Haines Criss-Cross Directory
1970	pg A6	Haines Criss-Cross Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Highway 76 2001

NO #	LUGO Beverly	760-742-1627	
NO #	MCCAMENT Leroy D Jr	760-742-3802	
NO #	RODRIGUEZ Ernest P	760-742-1551	
NO #	ROMERO Nicholas	760-742-3055	
NO #	YARGER M N	760-742-3212	
*	4 BUS 19 RES	3 NEW	

HWY 76 92061
PAUMA VALLEY

14715	**APARTMENTS**		
	CAMCHE William	760-742-4636	+1
	CARDINAL Linette M	760-742-0210	+1
	CERVANTES Cesareo	760-742-3179	8
	CHENARD Lara P	760-742-0362	+1
	DELATORRE Jesus	760-742-0029	6
	DELATORRE Maria	760-742-0029	6
	GIROD Ken	760-742-1137	+1
	GRANT Clancy S	760-742-0086	+1
	*** PAUMA VALLEY RV RESORT**	**760-742-3755**	**0**
	*** RANCHO CORRIDO CAMPGROUND**	**760-742-3755**	
	TAPIA Teresa	760-742-3208	+1
	TARVER Julie	760-742-1163	+1
14715			
14797	ADAMS Betsy	760-742-3614	
14858	●VELASQUEZ Mario	OO	0
14896	●CUEVA Alfonso	760-742-1189	4
14970	●ARSENAULT Jean J	760-742-4316	
	BIEBER Brett J	760-742-2402	+1
	GARCIA Azalia	760-742-1491	9
	MONTES Salvador	760-742-9951	0
15004	●CUEVA Maria	760-742-4534	2
15016	●GARCIA John	OO	0

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Highway 76 1994

HWY 76 92061
PAUMA VALLEY

14715	**RANCHO CORRIDO APTS**		
	BROWN Edward J	742-3675	+4
	CASTREJON Javier	742-3538	9
	DUNN Don	742-3672	
	DUNN Helen	742-3672	
	GASHO Dick	742-3875	
	GASHO Dona	742-3875	
	GONZALES Jim	742-1674	+4
	★**HEATHER ELECTRIC**	**742-8758**	3
	MARTONE Elizabeth D	742-1731	3
	MCGRAW Thomas	742-4269	+4
	★**RANCHO CORRIDO**	**742-3755**	
14715			
14729	BARTLETT Jean K	742-1273	+4
14756	XXXX	00	
14760	XXXX	00	
14765	XXXX	00	
14797	ADAMS Betsy	742-3614	9
	GONZALEZ Salvador	742-3010	9
14896	CUEVA Alfonso	742-1189	+4
14950	XXXX	00	
14970	ARSENAULT Jean J	742-4316	1
15004	●CUEVA Maria	742-4534	2
	●CUEVA Martha	742-1807	
	●CUEVA Servando	742-1807	
15016	XXXX	00	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Highway 76 1988

HWY 76 92061
PAUMA VALLEY

14715.....	**APARTMENTS**	
	BROWN Edw J	742-1468 +8
	CONVERSE Lawrence	742-3209 +8
	DUNN Don	742-3672 +8
	DUNN Helen	742-3672 +8
	GALLOWAY Jas	742-1306 5
	GONZALEZ Salvador	742-3010 3
	LEONHARDT Gerald	742-1385 +8
	LEONHARDT Kenna	742-1385 +8
	★RANCHO CORRIDO	742-3755 4
	SERRUTA A	742-3587 +8
	SWITZER L	742-3587 +8
	WINCAPAW R C	742-1664 5
14715.....		
14729	RICHARDS Greg L	742-1419 +8
14756	XXXX	00

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Highway 76 1980

HWY 76 92061 PAUMA VALLEY

14715	HOOKER C	742-3525	+0
	SELWAY VERNON	742-1390	+0
	SMITHERMAN A A	742-1491	+0
14756	BUCHANAN DOUG	742-3569	+0
14950	XXXX	00	
14970	ELLIS M J	742-1456	+0
	RICO TONY	742-1435	+0
	SADLER SANDRA E	742-1379	+0
15016	HURLBERT DENNIS	742-1132	+0
15067	CAMPBELL NEIL F	742-3932	7
	WEIDEMANN ANTON F	742-3333	8
15175	XXXX	00	
15265	BOOTH J C	742-1442	+0
15491	WALKER JOE	742-3544	9
15950	CORTEZ ALEJANDRO	742-3295	9

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Highway 76 1975

HIGHWAY 76 92061 PAUMA VALLEY

NO	#	ACUNA ISABEL H	742-3291	2
NO	#	ALFORD ART JR	742-3471	1
NO	#	ALLAN WM S	742-3396	4
NO	#	ALMASI JOYCE M	747-5666	1
NO	#	ALVAREZ T A	747-2735	2
NO	#	ANDERSON DOUGLAS	746-3320	0
NO	#	ANDERSON O KEMPER	742-3426	
NO	#	ARMSTRONG FRANCES	S742-3221	
NO	#	ARMSTRONG FRANCES	742-3634	4
NO	#	AUSTIN M H	742-3526	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Highway 76 1970

HIGHWAY 76 92061 PAUMA VALLEY

NO #	ALBA ELIZABETH	742-3303+0
NO #	ALBA MANUEL	742-3303
NO #	ALLEN DEAN L	742-3545+0
NO #	ANDERSON DOUGLAS	746-3320+0
NO #	ANDERSON D KEMPER	742-3426
NO #	ARMSTRONG FRANCES	S742-3221
NO #	AUSTIN M H	742-3526
NO #	BARRETT ALFRED R	742-3391
NO #	BARTKOWSKI B ALAN	742-3755
NO #	BARTKOWSKI E A	742-3755+0

Shadow Run Ranch
Highway 76
Pauma Valley, CA

Inquiry Number: 03300179.7R
April 12, 2012

The EDR Environmental LienSearch™ Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
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800.352.0050
www.edrnet.com

EDR Environmental LienSearch™ Report

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

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

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

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

Shadow Run Ranch
Highway 76
Pauma Valley, CA

RESEARCH SOURCE

Source 1: San Diego County Assessor
Source 2: San Diego County Recorder

DEED INFORMATION

Deed 1:

Type of Deed: Grant Deed
Grantor: Schoepe Enterprises L.P., a California limited partnership
Grantee: Sherrill Ann Schoepe, Trustee of the Sherill Ann Schoepe Revocable Trust dated August 12, 1982
Deed Recorded: 12/30/2005
Instrument: 2005-1121185

LEGAL DESCRIPTION

A portion of East Half of the Southeast Quarter of Section 31 and a portion of the West Half of Section 32, Township 9 South, Range 1 West and a portion of Sections 5 and 6, Township 10 South, Range 1 West of the San Bernardino Principal Meridian, San Diego County, State of California

Property Identifier: 111-080-09

ENVIRONMENTAL LIEN

Found: ☐ Not Found: ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Found: ☐ Not Found: ☒

EDR Environmental LienSearch™ Report

Deed - Exhibit

RECORDED REQUEST OF
First American Title
SUBDIVISION MAPPING DEPT.

RECORDING REQUESTED BY: 18076

WHEN RECORDED MAIL TO:

Sherrill Ann Schoepe Revocable Trust
P.O. Box 572
Pauma Valley, California 92061

2094423-11

F6
10P
ND
UF
OC
TT

DOC # 2005-1121185

DEC 30, 2005 1:40 PM
OFFICIAL RECORDS
SAN DIEGO COUNTY RECORDER'S OFFICE
GREGORY J. SMITH, COUNTY RECORDER
FEES: 64.00
OC: AFNF
PAGES: 10 TAX: N.D.

2005-1121185

(Space above provided for Recorder)

MAIL TAX STATEMENTS TO:

Sherrill Ann Schoepe Revocable Trust
P.O. Box 572
Pauma Valley, California 92061

DOCUMENTARY TRANSFER TAX $NON-DISCLOSURE
Computed on full value less value of liens and encumbrances remaining at time of sale.

Signature of Declarant or Agent
determining tax

APN's: 111-070-12/13, 111-080-06/07, 111-080-08/09/10/14/15/16/18/19, 130-040-15, and 130-060-12

File No. 2094423

GRANT DEED

FOR VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, SCHOEPE ENTERPRISES L.P.*, a California limited partnership ("Grantor"), hereby **GRANTS** to SHERRILL ANN SCHOEPE, Trustee of the Sherrill Ann Schoepe Revocable Trust established August 12, 1982, as amended,

the real property in the County of San Diego, State of California, described as follows:

See Exhibit A attached hereto and made a part hereof.

* Grantor was formerly known as Schoepe Enterprises, a California general partnership ("Prior Owner"). Prior Owner changed its name to Grantor pursuant to a Certificate of Limited Partnership (Form LP-1) filed on September 20, 1993.

SUBJECT TO: Covenants, conditions, restrictions, reservations, rights of way, easements and encumbrances of record.

DATED: January 1, 2001

SCHOEPE ENTERPRISES L.P.,
a California limited partnership.

By: SRT RESOURCES DEVELOPMENT, INC.,
a California corporation, General Partner

By: Robert Andersonschoepe
ROBERT ANDERSONSCHOEPE, President

ACKNOWLEDGMENT

STATE OF CALIFORNIA)
) ss.
COUNTY OF ORANGE)

On December 23, 2005, before me, Lisa M. Hoggatt, personally appeared ROBERT ANDERSONSCHOEPE, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

LISA M. HOGGATT
Comm. # 1590884
NOTARY PUBLIC - CALIFORNIA
Orange County
My Comm. Expires June 24, 2009

Signature Lisa M. Hoggatt

(This area for official notarial seal)

SCHOEPE\DEED3A.DOC

EXHIBIT A

LEGAL DESCRIPTION

Real property in the City of , County of San Diego, State of California, described as follows:

PARCEL 1:

THOSE PORTIONS OF THE EAST HALF OF THE SOUTHEAST QUARTER OF SECTION 31, AND THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 32, TOWNSHIP 9 SOUTH, RANGE 1 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO OFFICIAL PLAT THEREOF, DESCRIBED AS A WHOLE AS FOLLOWS:

BEGINNING AT IN IRON PIPE WITH BRASS CAPS SET BY THOMAS DALEV, U. S. SURVEYOR, IN 1919 TO DESIGNATE THE ONE QUARTER SECTION CORNER BETWEEN SECTIONS 31 AND 32 IN SAID TOWNSHIP 9 SOUTH, RANGE 1 WEST; THENCE ALONG THE EAST AND WEST CENTER LINE OF SAID SECTION 31, NORTH 88 DEGREES 21'21" WEST 592.61 FEET; THENCE LEAVING SAID CENTER LINE SOUTH 31 DEGREES 14'34" WEST, 1364.98 FEET TO THE WEST LINE OF SAID EAST HALF OF THE SOUTHEAST QUARTER OF SECTION 31; THENCE ALONG SAID WEST LINE SOUTH 00 DEGREES 51'20" EAST, 211.22 FEET TO THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SAID SOUTHEAST QUARTER OF SECTION 31 AS SHOWN ON RECORD OF SURVEY MAP NO. 3702, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAID SAN DIEGO COUNTY, SEPTEMBER 6, 1955; THENCE CONTINUING ALONG SAID WEST LINE SOUTH 00 DEGREES 51'20" EAST, 90.66 FEET; THENCE LEAVING SAID WEST LINE NORTH 27 DEGREES 30'10" EAST. 178.09 FEET; THENCE NORTH 70 DEGREES 12'50" EAST, 204.37 FEET THENCE NORTH 67 DEGREES 02'50" EAST, 472.05 FEET; THENCE NORTH 29 DEGREES 50'10" EAST, 248.68 FEET; THENCE NORTH 32 DEGREES 10'40" EAST, 337.17 FEET; THENCE NORTH 51 DEGREES 17'50" EAST, 385.93 FEET; THENCE NORTH 24 DEGREES 43'30" EAST, 327.87 FEET TO THE NORTH LINE OF SAID NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 32; THENCE ALONG SAID NORTH LINE NORTH 89 DEGREES 56'32" WEST, 155.92 FEET TO THE POINT OF BEGINNING.

APN: 111-080-06-00

PARCEL 2:

THOSE PORTIONS OF FRACTIONS SECTION 5 AND FRACTIONAL SECTION 6, ALL IN TOWNSHIP 10 SOUTH, RANGE 1 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO OFFICIAL PLAT THEREOF, DESCRIBED AS A WHOLE AS FOLLOWS:

COMMENCING AT A POINT IN THE EASTERLY BOUNDARY OF SAID SECTION 5; SAID POINT BEING THE MOST NORTHERLY CORNER OF BLOCK 5 OF RIVER TRACT NO. 1, ACCORDING TO MAP THEREOF NO. 1451, RECORDED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY; THENCE ALONG SAID EASTERLY BOUNDARY SOUTH 32 DEGREES 00'00" WEST, 51.11 FEET TO THE SOUTHERLY LINE OF THE LAND DESCRIBED IN DEED TO THE STATE OF CALIFORNIA -XI-SD-195-C- RECORDED MAY 13, 1957 AS DOCUMENT NO. 70512 OF OFFICIAL RECORDS; THENCE ALONG SAID SOUTHERLY LINE, NORTH 69 DEGREES 57'11" WEST, 249.05 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUING ALONG SAID SOUTHERLY LINE NORTH 69 DEGREES 57'11" WEST, 52.16 FEET; THENCE LEAVING SAID SOUTHERLY LINE SOUTH 38 DEGREES 39'50" WEST, 58.12 FEET; THENCE NORTH 81 DEGREES 20'10" WEST, 55.22 FEET; THENCE SOUTH 38 DEGREES 40'00" WEST, 153.05 FEET; THENCE

NORTH 77 DEGREES 31'20" WEST, 216.04 FEET; THENCE NORTH 79 DEGREES 51'28" WEST, 136.10 FEET; THENCE NORTH 69 DEGREES 58'52" WEST, 686.60 FEET; THENCE SOUTH 20 DEGREES 01'08" WEST, 228.07 FEET; THENCE SOUTH 67 DEGREES 07'30" EAST 926.02 FEET; THENCE EAST 363.65 FEET; THENCE NORTH 08 DEGREES 58'40" EAST, 375.65 FEET TO A LINE WHICH BEARS SOUTH 38 DEGREES 39'50" WEST FROM THE TRUE POINT OF BEGINNING; THENCE NORTH 38 DEGREES 39'50" EAST, 46.09 FEET TO THE TRUE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT PORTION INCLUDED WITHIN LAND DESCRIBED IN DEED TO ADOLF SCHOEPE, RECORDED JUNE 23, 1965 AS FILE NO. 111755 OF OFFICIAL RECORDS.

APN: A PORTION OF 130-040-15-00

PARCEL 3:

THOSE PORTIONS OF SECTIONS 31 AND 32, TOWNSHIP 9 SOUTH, RANGE 1 WEST, SAN BERNARDINO MERIDIAN, ACCORDING TO OFFICIAL PLAT THEREOF, AND OF SECTIONS 5 AND 6, TOWNSHIP 10 SOUTH, RANGE 1 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO OFFICIAL PLAT THEREOF, WHICH LIE WITHIN THE FOLLOWING DESCRIBED PARCEL OF LAND.

BEGINNING AT A POINT ON THE NORTH LINE OF LOT 1 OF SECTION 6, DISTANT THEREON NORTH 89 DEGREES 46'52" WEST, 1285.49 FEET FROM AN EIGHT INCH CONCRETE MONUMENT SET FOR THE NORTHEAST CORNER OF SAID SECTION 6; THENCE FROM A TANGENT WHICH BEARS SOUTH 59 DEGREES 14'04" EAST, ALONG A CURVE TO THE LEFT WITH A RADIUS OF 1925.00 FEET, THROUGH AN ANGLE OF 08 DEGREES 28'41" A DISTANCE OF 284.84 FEET; THENCE SOUTH 69 DEGREES 31'26" EAST, 390.12 FEET; THENCE SOUTH 76 DEGREES 37'59" EAST, 118.62 FEET TO THE TRUE POINT OF BEGINNING, BEING A POINT IN THE NORTHERLY LINE OF THE LAND DESCRIBED IN DEED TO THE STATE OF CALIFORNIA, 100.00 FEET WIDE (XI-SD-195-C) RECORDED MAY 13, 1957 AS DOCUMENT NO. 70512 OF OFFICIAL RECORDS; THENCE CONTINUING ALONG SAID NORTHERLY LINE, SOUTH 76 DEGREES 37'59" EAST, 202.46 FEET; THENCE ALONG A TANGENT CURVE TO THE RIGHT WITH A RADIUS OF 3050.00 FEET, THROUGH AN ANGLE OF 06 DEGREES 40'48" A DISTANCE OF 355.59 FEET; THENCE SOUTH 69 DEGREES 57'11" EAST, 580.65 FEET; THENCE LEAVING SAID LINE SOUTH 38 DEGREES 40'00" WEST, 650.00 FEET; THENCE SOUTH 69 DEGREES 57'11" EAST, 50.00 FEET; THENCE NORTH 38 DEGREES 40'00" EAST, 650.00 FEET TO SAID NORTHERLY LINE; THENCE LEAVING SAID NORTHERLY LINE, NORTH 38 DEGREES 00'40" EAST, 686.54 FEET; THENCE NORTH 39 DEGREES 19'30" EAST, 429.41 FEET; THENCE NORTH 81 DEGREES 34'50" EAST 251.93 FEET; THENCE NORTH 19 DEGREES 03'20" WEST, 617.72 FEET; THENCE NORTH 32 DEGREES 58'10" WEST, 230.92 FEET; THENCE SOUTH 85 DEGREES 09'10" WEST, 295.30 FEET; THENCE SOUTH 50 DEGREES 26'00" WEST, 441.83 FEET; THENCE SOUTH 53 DEGREES 21'40" WEST, 651.42 FEET; THENCE SOUTH 39 DEGREES 14'40" WEST, 854.11 FEET TO THE TRUE POINT OF BEGINNING.

APN: 111-080-15-00

PARCEL 4:

THAT PORTION OF THE WEST HALF OF SECTION 32, TOWNSHIP 9 SOUTH, RANGE 1 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO OFFICIAL PLAT THEREOF, DESCRIBED AS FOLLOWS:

COMMENCING AT THE WEST QUARTER CORNER OF SAID SECTION; THENCE ALONG THE EAST AND WEST CENTER LINE OF SAID SECTION, SOUTH 89 DEGREES 56'32" EAST, 110.92 FEET;

THENCE LEAVING SAID CENTER LINE SOUTH 87 DEGREES 43'08" EAST, 507.69 FEET TO THE TRUE POINT OF BEGINNING; THENCE NORTH 83 DEGREES 31'43" EAST, 398.93 FEET; THENCE SOUTH 02 DEGREES 24'10" EAST, 433.93 FEET; THENCE SOUTH 36 DEGREES 41'46" WEST, 140.12 FEET; THENCE SOUTH 53 DEGREES 09'17" WEST, 174.95 FEET; THENCE SOUTH 28 DEGREES 51'05" WEST, 228.68 FEET; THENCE SOUTH 44 DEGREES 38'09" WEST, 477.58 FEET; THENCE SOUTH 68 DEGREES 26'49" WEST, 278.16 FEET TO POINT "A"; THENCE NORTH 19 DEGREES 19'15" WEST, 183.98 FEET; THENCE NORTH 42 DEGREES 26'30" EAST, 105.25 FEET; THENCE NORTH 23 DEGREES 49'44" EAST, 189.48 FEET; THENCE NORTH 39 DEGREES 38'53" WEST, 173.77 FEET; THENCE NORTH 06 DEGREES 04'48" EAST, 53.97 FEET; THENCE NORTH 29 DEGREES 45'25" EAST, 237.68 FEET; THENCE NORTH 43 DEGREES 56'53" EAST, 596.89 FEET.

APN: 111-080-08-00

PARCEL 5:

THOSE PORTIONS OF THE EAST HALF OF THE SOUTHEAST QUARTER OF SECTION 31, THE WEST HALF OF SECTION 32, TOWNSHIP 9 SOUTH, RANGE 1 WEST, SAN BERNARDINO MERIDIAN AND THOSE PORTIONS OF SECTIONS 5 AND 6 IN TOWNSHIP 10 SOUTH, RANGE 1 WEST, SAN BERNARDINO MERIDIAN, ALL IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO OFFICIAL PLAT THEREOF, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SAID SOUTHEAST QUARTER OF SECTION 31 AS SHOWN ON RECORD OF SURVEY MAP NO. 3702, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, SEPTEMBER 6, 1955; THENCE ALONG SAID WEST LINE SOUTH 00 DEGREES 51'20" EAST, 90.66 FEET TO THE TRUE POINT OF BEGINNING; THENCE ALONG THE SOUTHEAST LINE OF LAND DEEDED TO ADOLPH SCHOEPE RECORDED DECEMBER 29, 1965, AS FILE NO. 233620 OF OFFICIAL RECORDS; NORTH 27 DEGREES 30'10" EAST, 178.09 FEET; NORTH 70 DEGREES 12'50" EAST, 204.37 FEET; NORTH 67 DEGREES 02'50" EAST, 472.05 FEET; NORTH 29 DEGREES 50'10" EAST, 248.68 FEET; NORTH 32 DEGREES 10'40" EAST, 337.17 FEET; NORTH 51 DEGREES 17'50" EAST, 385.93 FEET AND NORTH 24 DEGREES 43'30" EAST, 327.87 FEET TO THE NORTH LINE OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 32; THENCE ALONG SAID NORTH LINE NORTH 89 DEGREES 56'32" WEST, 45.00 FEET TO AN ANGLE POINT BEING SOUTH 89 DEGREES 56'32" EAST, 110.92 FEET FROM THE NORTHEAST CORNER OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 31; THENCE NORTH 58 DEGREES 31'20" EAST, 1383.08 FEET (RECORD – NORTH 58 DEGREES 35'23" EAST, 1390.27 FEET) TO A POINT ON THE WEST LINE OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 32, BEING THE MOST NORTHERLY CORNER OF THE LAND DESCRIBED IN PARCEL 3 IN DEED TO JACK C. ADAMS, RECORDED DECEMBER 30, 1955 AS DOCUMENT NO. 170366 OF OFFICIAL RECORDS; THENCE LEAVING SAID LINE SOUTH 66 DEGREES 13'05" EAST, 48.68 FEET; THENCE SOUTH 58 DEGREES 31'20" WEST, 37.91 FEET; THENCE SOUTH 02 DEGREES 31'40" WEST, 268.91 FEET; THENCE SOUTH 73 DEGREES 41'26" EAST, 176.54 FEET; THENCE SOUTH 80 DEGREES 37'58" EAST, 207.53 FEET; THENCE SOUTH 14 DEGREES 14'40" EAST, 307.96 FEET TO POINT "X" OF THIS DESCRIPTION; THENCE SOUTH 21 DEGREES 14'28" EAST, 58.89 FEET; THENCE SOUTH 26 DEGREES 05'44" EAST, 170.64 FEET; THENCE SOUTH 26 DEGREES 27'09" EAST, 820.29 FEET TO THE NORTHERLY LINE OF THE LAND DEEDED TO RONALD A. DAVIDSON RECORDED AUGUST 23, 1967 AS FILE NO. 127526 OF OFFICIAL RECORDS; THENCE ALONG SAID NORTHERLY LINE NORTH 81 DEGREES 46'01" WEST, (RECORD – NORTH 82 DEGREES 08'50" WEST) 140.78 FEET TO THE MOST NORTHERLY CORNER OF SAID LAND; THENCE ALONG THE BOUNDARY OF SAID LAND TO AND ALONG THE BOUNDARY OF THE LAND DESCRIBED IN DEED TO SAID RONALD A. DAVIDSON, RECORDED AUGUST 23, 1967 AS FILE NO. 127527 OF OFFICIAL RECORDS AS FOLLOWS: SOUTH 10 DEGREES 58'49" WEST,

(RECORD – SOUTH 10 DEGREES 36'00" WEST) 102.76 FEET AND SOUTH 03 DEGREES 57'49" WEST, (RECORD – SOUTH 03 DEGREES 35'00" WEST) 125.04 FEET; THENCE ALONG THE RECORD BEARINGS SET OUT IN SAID DEEDS AS FOLLOWS: SOUTH 00 DEGREES 32'30" WEST, 483.49 FEET, SOUTH 89 DEGREES 03'30" WEST, 178.10 FEET, SOUTH 00 DEGREES 27'40" WEST, 342.18 FEET, SOUTH 56 DEGREES 57'40" EAST, 170.92 FEET, SOUTH 28 DEGREES 52'00" WEST, 106.35 FEET; THENCE SOUTH 49 DEGREES 49'30" WEST, 150.29 FEET, SOUTH 14 DEGREES 38'10" WEST, 128.92 FEET, SOUTH 21 DEGREES 24'00" WEST, 162.38 FEET AND SOUTH 39 DEGREES 01'00" EAST, 211.19 FEET TO THE NORTHWESTERLY BOUNDARY OF PAUMA RANCHO, ACCORDING TO THE MAP THEREOF ATTACHED TO THE RECORD OF THE PATENT IN BOOK 1, PAGE 67 OF PATENTS; THENCE ALONG SAID BOUNDARY SOUTH 49 DEGREES 59'30" WEST TO THE SOUTH LINE OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 32; THENCE WESTERLY ALONG THE SOUTH LINE OF SAID SECTION 32, TO THE NORTHEAST CORNER OF LOT 2 OF SAID SECTION 5; THENCE SOUTHERLY ALONG THE EAST LINE OF SAID LOT 2 TO SAID NORTHWESTERLY BOUNDARY OF PAUMA RANCHO; THENCE SOUTHWESTERLY ALONG SAID NORTHWESTERLY BOUNDARY TO AN ANGLE POINT THEREIN BEING CORNER NO. 1 OF SAID PAUMA RANCHO; THENCE SOUTH 32 DEGREES 00'00" WEST, ALONG SAID NORTHWESTERLY BOUNDARY TO THE SOUTHERLY LINE OF THE LAND DESCRIBED IN DEED TO THE STATE OF CALIFORNIA XI-SD-195-C, RECORDED MAY 13, 1957 AS DOCUMENT NO. 70512 OF OFFICIAL RECORDS; THENCE IN A WESTERLY DIRECTION ALONG SAID SOUTHERLY LINE TO THE WEST LINE OF LOT 1 IN SAID SECTION 6; THENCE NORTHERLY ALONG SAID WEST LINE TO AND ALONG THE WEST LINE OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 31 TO THE TRUE POINT OF BEGINNING.

EXCEPTING THEREFROM THOSE PORTIONS LYING WITHIN PARCELS 3 AND 4 HEREINABOVE DESCRIBED.

ALSO EXCEPTING THEREFROM THAT PORTION OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 32, DESCRIBED AS FOLLOWS:

BEGINNING AT THE MOST NORTHERLY CORNER OF LAND DESCRIBED IN PARCEL 3 IN SAID DEED TO SAID JACK C. ADAMS; THENCE SOUTH 66 DEGREES 08'52" EAST, 48.68 FEET; THENCE SOUTH 58 DEGREES 35'23" WEST, 37.91 FEET; THENCE NORTHWESTERLY IN A STRAIGHT LINE TO THE POINT OF BEGINNING.

APN: 111-080-07, 09, 10, 14, 16, 19 AND 111-070-13

PARCEL 6:

AN EASEMENT AND RIGHT OF WAY FOR ROAD AND PUBLIC UTILITIES AND BRIDLE TRAIL PURPOSES OVER, UNDER, ALONG AND ACROSS A STRIP OF LAND 20.00 FEET IN WIDTH LYING WITHIN THE WEST HALF OF SECTION 32, TOWNSHIP 9 SOUTH, RANGE 1 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO OFFICIAL PLAT THEREOF, THE SOUTHWESTERLY LINE OF SAID STRIP BEING DESCRIBED AS FOLLOWS:

BEGINNING AT SAID POINT "X" HEREINABOVE DESIGNATED IN PARCEL 6; THENCE SOUTH 21 DEGREES 14'28" EAST, 58.89 FEET; THENCE SOUTH 26 DEGREES 05'44" EAST, 170.64 FEET; THENCE SOUTH 26 DEGREES 27'09" EAST, 820.29 FEET TO THE NORTHERLY LINE OF LAND DESCRIBED IN DEED TO RONALD A. DAVIDSON, RECORDED AUGUST 23, 1967 AS FILE NO. 127526 OF OFFICIAL RECORDS. SAID EASEMENT TO TERMINATE SOUTHEASTERLY IN THE NORTHERLY LINE OF SAID DAVIDSON'S LAND.

PARCEL 7:

AN EASEMENT AND RIGHT OF WAY FOR ROAD AND PUBLIC UTILITY PURPOSES OVER, UNDER, ALONG AND ACROSS A STRIP OF LAND 20.00 FEET IN WIDTH LYING WITHIN LOT 2 IN FRACTIONAL SECTION 5, TOWNSHIP 10 SOUTH, RANGE 1 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO OFFICIAL PLAT THEREOF, THE NORTHEASTERLY LINE OF SAID STRIP BEING DESCRIBED AS FOLLOWS:

BEGINNING AT THE MOST EASTERLY CORNER OF PARCEL 2 HEREINABOVE DESCRIBED; THENCE ALONG THE SOUTHWESTERLY LINE OF SAID STATE HIGHWAY DESCRIBED IN SAID PARCEL 2 ABOVE SOUTH 69 DEGREES 57'11" EAST, 60.00 FEET.

CONTAINING 872 ACRES, MORE OR LESS.

PARCEL 8:

THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF FRACTIONAL SECTION 32, TOWNSHIP 9 SOUTH, RANGE 1 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO OFFICIAL PLAT THEREOF.

EXCEPTING THEREFROM THAT PORTION LYING SOUTHERLY AND WESTERLY OF A LINE DESCRIBED AS FOLLOWS:

COMMENCING AT THE WEST QUARTER CORNER OF SAID FRACTIONAL SECTION 32; THENCE ALONG THE SOUTHERLY LINE OF THE NORTHWEST QUARTER OF SAID FRACTIONAL SECTION 32, SOUTH 89 DEGREES 56'32" EAST, 110.92 FEET; THENCE NORTH 58 DEGREES 31'20" EAST, 1386.08 FEET (RECORD – NORTH 58 DEGREES 35'23" EAST, 1390.27 FEET) TO THE WESTERLY LINE OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 32, BEING THE MOST NORTHERLY CORNER OF LAND DESCRIBED IN PARCEL 3 IN DEED TO JACK C. ADAMS, RECORDED DECEMBER 30, 1955 IN BOOK 5924, PAGE 17 OF OFFICIAL RECORDS; AND BEING THE TRUE POINT OF BEGINNING; THENCE SOUTH 66 DEGREES 13'05" EAST, 48.68 FEET; THENCE SOUTH 58 DEGREES 31'20" WEST, 37.91 FEET; THENCE SOUTH 02 DEGREES 31'40" WEST, 268.91 FEET; THENCE SOUTH 73 DEGREES 41'26" EAST, 176.54 FEET; THENCE SOUTH 80 DEGREES 37'58" EAST, 207.35 FEET; THENCE SOUTH 14 DEGREES 14'48" EAST, 307.96 FEET; THENCE SOUTH 21 DEGREES 14'28" EAST, 58.89 FEET; THENCE SOUTH 26 DEGREES 05'44" EAST, 170.64 FEET.

APN: A PORTION OF 111-070-12-00

PARCEL 9:

THAT PORTION OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF FRACTIONAL SECTION 32, TOWNSHIP 9 SOUTH, RANGE 1 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO OFFICIAL PLAT THEREOF, DESCRIBED AS FOLLOWS:

BEGINNING AT THE MOST NORTHERLY CORNER OF LAND DESCRIBED IN PARCEL 3 IN DEED TO JACK C. ADAMS, RECORDED DECEMBER 30, 1955 IN BOOK 5924, PAGE 17 OF OFFICIAL RECORDS, AS REFERRED TO IN PARCEL 8 ABOVE, BEING ALSO A POINT ON THE WESTERLY LINE OF SAID SOUTHEAST QUARTER OF THE NORTHWEST QUARTER AND BEING THE MOST NORTHERLY CORNER OF THAT PORTION OF SAID SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF EXCEPTED FROM PARCEL 1 IN DEED TO ADOLF SCHOEPE, TRUSTEE FOR THE SCHOEPE FAMILY TRUST, RECORDED APRIL 10, 1972 AS FILE NO. 86529 OF OFFICIAL

RECORDS; THENCE ALONG THE BOUNDARY OF SAID EXCEPTED PORTION AS FOLLOWS: SOUTH 66 DEGREES 08'52" EAST, 48.68 FEET; SOUTH 58 DEGREES 35'23" WEST, 37.91 FEET; AND NORTH 17 DEGREES 08'41" WEST, 41.28 FEET TO THE POINT OF BEGINNING.

APN: A PORTION OF 111-070-12-00

PARCEL 10:

THOSE PORTIONS OF FRACTION 5 AND SECTION 6, TOWNSHIP 10 SOUTH, RANGE 1 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO OFFICIAL PLAT THEREOF, DESCRIBED AS A WHOLE AS FOLLOWS:

COMMENCING AT A POINT IN THE EASTERLY BOUNDARY OF SAID SECTION 5, SAID POINT BEING THE MOST NORTHERLY CORNER OF BLOCK 5 OF RIVER TRACT NUMBER 1, ACCORDING TO MAP THEREOF NUMBER 1451, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY; THENCE ALONG SAID EASTERLY BOUNDARY, SOUTH 31 DEGREES 19'00" WEST, RECORD SOUTH 32 DEGREES 00' WEST, 51.11 FEET, MORE OR LESS, TO THE SOUTHERLY LINE OF LAND DESCRIBED IN DEED TO THE STATE OF CALIFORNIA XI-SD-195-C, RECORDED MAY 13, 1957 AS DOCUMENT NUMBER 70512 OFFICIAL RECORDS; THENCE ALONG SAID SOUTHERLY LINE, NORTH 69 DEGREES 57'11" WEST, 301.81 FEET TO AN ANGLE POINT IN THE BOUNDARY OF LAND DESCRIBED IN PARCEL TWO OF DEED TO ADOLF SCHOEPE, TRUSTEE, RECORDED APRIL 10, 1972 AS DOCUMENT NUMBER 86529 OF OFFICIAL RECORDS, SAID POINT BEING THE NORTHWESTERLY TERMINUS IF THAT COURSE DESCRIBED AS "NORTH 69 DEGREES 57'11" WEST, 52.76 FEET" IN SAID DEED TO SCHOEPE, SAID POINT BEING ALSO THE TRUE POINT OF BEGINNING: THENCE ALONG THE BOUNDARY OF SAID LAND OF SCHOEPE AS FOLLOWS: SOUTH 38 DEGREES 39'50" WEST, 58.12 FEET; NORTH 81 DEGREES 20'10" WEST 55.29 FEET; SOUTH 38 DEGREES 40'00" WEST, 153.05 FEET; NORTH 77 DEGREES 31'20" WEST, 216.04 FEET; NORTH 79 DEGREES 51'28" WEST, 136.10 FEET; AND NORTH 69 DEGREES 58'52" WEST, 686.60 FEET; THENCE NORTH 50 DEGREES 13'00" EAST, 269.49 FEET TO THE SOUTHERLY LINE OF THE AFORESAID LAND OF THE STATE OF CALIFORNIA; THENCE ALONG SAID SOUTHERLY LINE AS FOLLOWS: SOUTH 76 DEGREES 37'59" EAST 87.95 FEET TO THE BEGINNING OF A TANGENT 2950 FOOT RADIUS CURVE CONCAVE SOUTHWESTERLY; SOUTHEASTERLY ALONG SAID CURVE THROUGH AN ANGLE OF 6 DEGREES 40'48" A DISTANCE OF 343.94 FEET; AND TANGENT TO SAID CURVE, SOUTH 69 DEGREES 57'11" EAST, 590.50 FEET TO THE TRUE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT PORTION INCLUDED WITHIN LAND DESCRIBED IN DEED TO ADOLF SCHOEPE, RECORDED JUNE 23, 1965 AS DOCUMENT NUMBER 111755 OF OFFICIAL RECORDS.

APN: A PORTION OF 130-040-15-00

PARCEL 11:

THAT PORTION OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF FRACTION SECTION 32, TOWNSHIP 9 SOUTH, RANGE 1 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO OFFICIAL PLAT THEREOF, LYING NORTHEASTERLY OF THE FOLLOWING DESCRIBED LINE:

BEGINNING AT A POINT ON THE EAST LINE OF SAID NORTHEAST QUARTER OF SOUTHWEST QUARTER, DISTANT THEREON, NORTH 0 DEGREES 05'20" EAST, 985.68 FEET FROM THE INTERSECTION OF SAID EAST LINE WITH THE NORTHWESTERLY BOUNDARY OF PAUMA RANCHO, SAID POINT BEING ALSO AN ANGLE POINT IN THE BOUNDARY OF LAND DESCRIBED

IN PARCEL 1 OF DEED RONALD A. DAVIDSON, RECORDED AUGUST 23, 1967 AS DOCUMENT NO. 127526 OF OFFICIAL RECORDS; THENCE ALONG THE BOUNDARY OF SAID LAND OF DAVIDSON AS FOLLOWS: NORTH 64 DEGREES 38'10" WEST, 277.90 FEET; NORTH 54 DEGREES 25'40" WEST, 100.71 FEET; AND NORTH 82 DEGREES 08'50" WEST 40.57 FEET TO AN ANGLE POINT IN THE BOUNDARY OF LAND DESCRIBED IN PARCEL 1 OF DEED TO ADOLF SCHOEPE, TRUSTEE FOR THE SCHOEPE FAMILY TRUST, RECORDED APRIL 10, 1972 AS DOCUMENT NO. 86529 OF OFFICIAL RECORDS; THENCE ALONG THE BOUNDARY OF SAID LAND OF SCHOEPE AS FOLLOWS: NORTH 26 DEGREES 27'09" WEST, 820.29 FEET; NORTH 26 DEGREES 05'44" WEST, 170.64 FEET; AND NORTH 21 DEGREES 14'28" WEST, 24.02 FEET TO AN INTERSECTION WITH THE NORTH LINE OF SAID NORTHEAST QUARTER OF SOUTHWEST QUARTER.

APN: 111-080-18-00

PARCEL 12:

THAT PORTION OF LOT 4 IN BLOCK 2 OF RIVER TRACT NO. 1, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1451, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAID SAN DIEGO COUNTY, JUNE 10, 1912, DESCRIBED AS FOLLOWS:

BEGINNING AT THE MOST NORTHERLY CORNER OF SAID LOT 4; THENCE SOUTH 31 DEGREES 45'00" EAST ALONG THE NORTHEASTERLY LINE OF SAID LOT A DISTANCE OF 65.00 FEET; THENCE SOUTH 58 DEGREES 15'00" WEST, PARALLEL WITH THE NORTHWESTERLY LINE OF SAID LOT, A DISTANCE OF 150.00 FEET TO THE TRUE POINT OF BEGINNING; THENCE SOUTH 58 DEGREES 15'00" WEST, 50.00 FEET; THENCE NORTH 31 DEGREES 45'00" WEST 65.00 FEET TO THE NORTHWESTERLY LINE OF SAID LOT 4, THENCE ALONG SAID NORTHWESTERLY LOT-LINE NORTH 58 DEGREES 15'00" EAST 50.00 FEET TO A LINE WHICH BEARS NORTH 31 DEGREES 45'00" WEST FROM THE TRUE POINT OF BEGINNING; THENCE SOUTH 31 DEGREES 45'00" EAST, 65.00 FEET TO THE TRUE POINT OF BEGINNING.

APN: A PORTION OF 130-060-12-00

PARCEL 13:

THAT PORTION OF LOT 4 IN BLOCK 2 OF RIVER TRACT NO. 1, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1451, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAID SAN DIEGO COUNTY, JUNE 10, 1912, DESCRIBED AS FOLLOWS:

BEGINNING AT THE MOST NORTHERLY CORNER OF SAID LOT 4; THENCE SOUTH 31 DEGREES 45'00" EAST ALONG THE NORTHEASTERLY LINE OF SAID LOT, A DISTANCE OF 65.00 FEET; THENCE SOUTH 58 DEGREES 15'00" WEST, PARALLEL WITH THE NORTHWESTERLY LINE OF SAID LOT, A DISTANCE OF 150.00 FEET; THENCE NORTH 31 DEGREES 45'00" WEST, PARALLEL WITH THE NORTHEASTERLY LINE OF SAID LOT, A DISTANCE OF 65.00 FEET TO A POINT IN THE NORTHWESTERLY LINE OF SAID LOT; THENCE NORTH 58 DEGREES 15'00" EAST, ALONG THE NORTHWESTERLY LINE 150.00 FEET TO THE POINT OF BEGINNING.

APN: A PORTION OF 130-060-12-00

PARCEL 14:

AN EASEMENT AND RIGHT OF WAY FOR ROAD PURPOSES OVER THAT PORTION OF LOT 4, IN

BLOCK 2 OF RIVER TRACT NO. 1, ACCORDING TO MAP THEREOF NO. 1451, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, JUNE 10, 1912, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE NORTHEASTERLY LINE OF SAID LOT 4, DISTANT THEREON SOUTH 31 DEGREES 45'00" EAST, 65.00 FEET FROM THE MOST NORTHERLY CORNER THEREOF; THENCE PARALLEL WITH THE NORTHWESTERLY LINE OF SAID LOT, SOUTH 58 DEGREES 15'00" WEST, 70.00 FEET; THENCE PARALLEL WITH THE NORTHEASTERLY LINE OF SAID LOT, SOUTH 31 DEGREES 45'00" EAST, 170.00 FEET; THENCE PARALLEL WITH THE NORTHWESTERLY LINE OF SAID LOT, NORTH 58 DEGREES 15'00" EAST, 70.00 FEET TO THE NORTHEASTERLY LINE THEREOF; THENCE ALONG SAID NORTHEASTERLY LINE, NORTH 31 DEGREES 45'00" WEST, 170.00 FEET TO THE POINT OF BEGINNING.

Shadow Run Ranch
Highway 76
Pauma Valley, CA 92061

Inquiry Number: 3300179.11
April 10, 2012

EDR Building Permit Report

Target Property and Adjoining Properties

EDR® Environmental Data Resources Inc

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

EDR Building Permit Report: Search Documentation

4/10/12

Site Name:
Shadow Run Ranch
Highway 76
Pauma Valley, CA

EDR Inquiry # 3300179.11

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

Contact: Jon Cain

EDR® Environmental Data Resources Inc

Search Documentation

DATA GAP

The complete collection of Building Permit data available to EDR has been searched, and as of 4/10/12, EDR does not have access to building permits in the city where your target property is located (Pauma Valley, CA).

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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 Inquires (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.

EDR® Environmental Data Resources Inc

BUILD FAX PROPERTY HISTORY

APPENDIX D

INTERVIEWS

PETRA

PETRA GEOTECHNICAL, INC.
Environmental Division
40880 County Center Dr., Suite R, Temecula, CA * (951) 600-9271 * (951) 719-1499

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: TM 5223
Property Name: Shadow Run Ranch
Property Location: SR-76 at Adams Drive

B. INTERVIEW INFORMATION

Date/Time: 4/23/12
Interviewer:
Person Interviewed: Ron Deutschendorf
Title/Company: Schoepe Ranch

☐ In Person
☐ By Telephone, Number:
☑ By Facsimile, Number: 760.742.4460
☐ Email:

1. What is your relationship to the property? Ranch Manager; CFO West Pauma Valley Ranch, Inc.

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.

1970 - Present; Citrus & Avocado Grove

PHASE I INTERVIEW QUESTIONNAIRE

2. To your knowledge, are there:

Hazardous substances present on the site? ☐Yes ☒No
Petroleum products present on the site? ☒Yes ☐No

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

An existing release? ☐Yes ☒No
A past release? ☐Yes ☒No
A threat of their release? ☐Yes ☒No

If yes to any of the above, please describe: _____

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

Potential Recognized Environmental Conditions	Site		Adjacent	
Hazardous substances?	☐ Yes	☒ No	☐ Yes	☐ No
Petroleum products?	☒ Yes	☐ No	☐ Yes	☐ No
Chemicals?	☒ Yes	☐ No	☐ Yes	☐ No
Asbestos or asbestos-containing materials?	☐ Yes	☒ No	☐ Yes	☐ No
Lead-based paints?	☐ Yes	☒ No	☐ Yes	☐ No
Underground storage tanks?	☐ Yes	☒ No	☐ Yes	☐ No
Above-ground storage tanks?	☒ Yes	☐ No	☐ Yes	☐ No
Oil Wells?	☐ Yes	☒ No	☐ Yes	☐ No
Sumps?	☐ Yes	☐ No	☐ Yes	☐ No

If yes to any of the above, please describe: Incidental gas used in smudge pots may have spilled during transport / use in the past

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 **Page 3**

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

If yes to any of the above, please describe: Mapping available upon request

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: Wells pump water to reservoir where it is distributed via the underground system to groves.

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

If yes to any of the above, please describe: Employees live on the property

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		Env. Health Facility Permit
Storage tank registration?		X	
Material safety data sheets (MSDS)?	X		Ag Worker Pesticide Safety
Community right-to-know plans?		X	
Safety plans?	X		Pesticide Safety Applicator Training
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		URS Report

Existing documents available upon request

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.

Pesticides are used in conformance with County Agriculture, Weights & Measures requirements.

APPENDIX E

RESUMES

PETRA

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

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

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

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

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

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

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

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

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