

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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Shadow Run Ranch, LLC.

San Diego Tract No. TM 5223 RPL-2/Pala/Pauma Valley

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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 SanbornTM 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 subbasin, 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 subbasin 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 redecrete. 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.

<u>East</u> 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.



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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. SanbornTM Fire Insurance maps were requested for this study. EDR reports that no SanbornTM 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.



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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.



Page 16

- 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.



Page 17

- 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



Shadow Run Ranch, LLC.

San Diego Tract No. TM 5223 RPL-2/Pala/Pauma Valley

April 30, 2012 J.N. 174-12

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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



REFERENCES

- California Department of Conservation, Division of Oil, Gas, and Geothermal Resources, 2010, DOGGR Online Mapping System (DOMS) http://maps.conservation.ca.gov/doms/index.html.
- California Division of Mines and Geology, 1969, "Geologic Map of California, Santa Ana Sheet."
- California Division of Mines and Geology, 1980, Special Studies Zones, 7.5 Minute Pala Quadrangle Map
- California Division of Mines and Geology, 2000, 7.5 Minute Pala Quadrangle Map
- California Department of Water Resources, 2004, California Groundwater Bulletin 118.
- California Department of Water Resources, 2010, Historic Water Level Database, http://www.water.ca.gov/.
- Environmental Data Resources, Inc., 2012, EDR Radius Map, Shadow Run Ranch, Highway 76, Pauma Valley, CA 92061, (Inquiry No. 03300179.2r), dated April 10.
- Environmental Data Resources, Inc., 2012, EDR Certified Sanborn Map Report, Shadow Run Ranch, Highway 76, Pauma Valley, CA 92061, (Inquiry No. 03300179.3), dated April 10.
- Environmental Data Resources, Inc., 2012, EDR Historical Topographic Map Report, Shadow Run Ranch, Highway 76, Pauma Valley, CA 92061, (Inquiry No. 03300179.4), dated April 10.
- Environmental Data Resources, Inc., 2012, EDR Aerial Photo Decade Package, Shadow Run Ranch, Highway 76, Pauma Valley, CA 92061, (Inquiry No. 03300179.5), dated April 11.
- Environmental Data Resources, Inc., 2012, EDR City Directory Image, Shadow Run Ranch, Highway 76, Pauma Valley, CA 92061, (Inquiry No. 03300179.6), dated April 13.
- Environmental Data Resources, Inc., 2012, EDR Environmental Liensearch Report, Shadow Run Ranch, Highway 76, Pauma Valley, CA 92061, (Inquiry No. 03300179.7R), dated April 12.
- Environmental Data Resources, Inc., 2012, EDR Building Permit Report, Shadow Run Ranch, Highway 76, Pauma Valley, CA 92061, (Inquiry No. 03300179.11), dated April 10.
- GEOTRACKER, 2010, http://geotracker.swrcb.ca.gov/.
- Norris and Webb, 1990, California Geology.
- USGS, 1997, 7.5-Minute Topographic Map, Pala Quadrangle, California, scale 1:24,000



FIGURES









Reference: Bing Maps



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
DIMO	V. 10	00411	NI/A

DWG BY: JC SCALE: N/A Figure 1

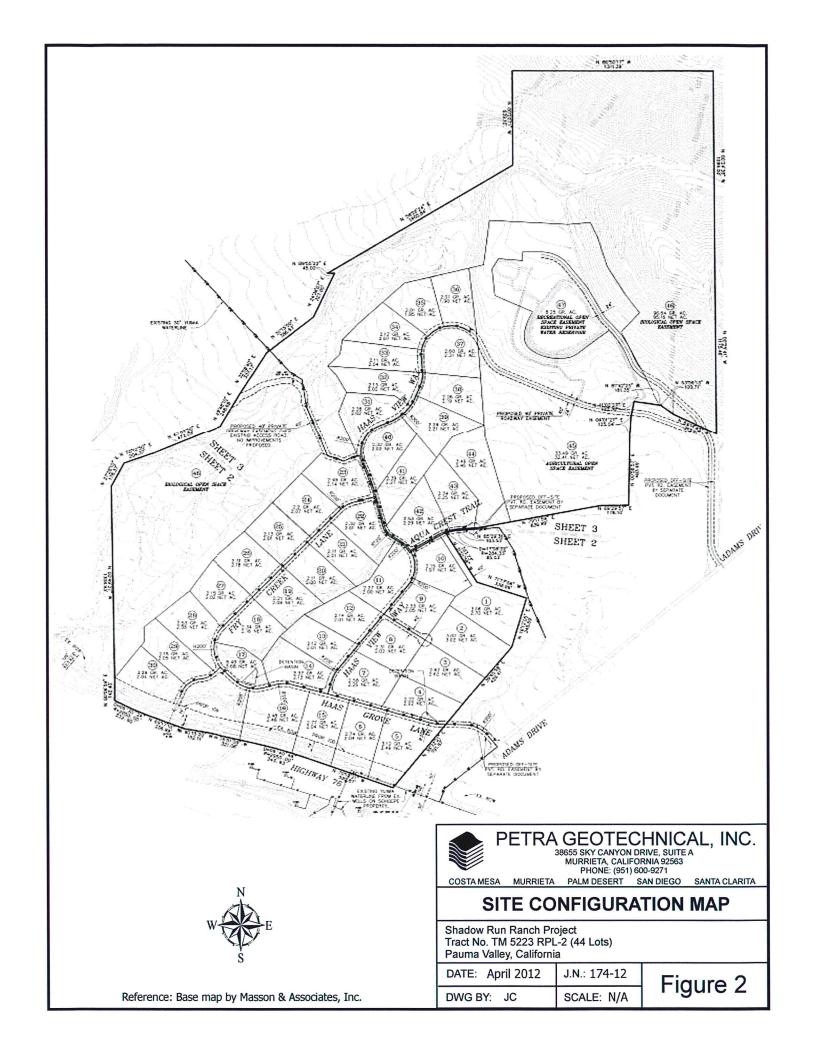
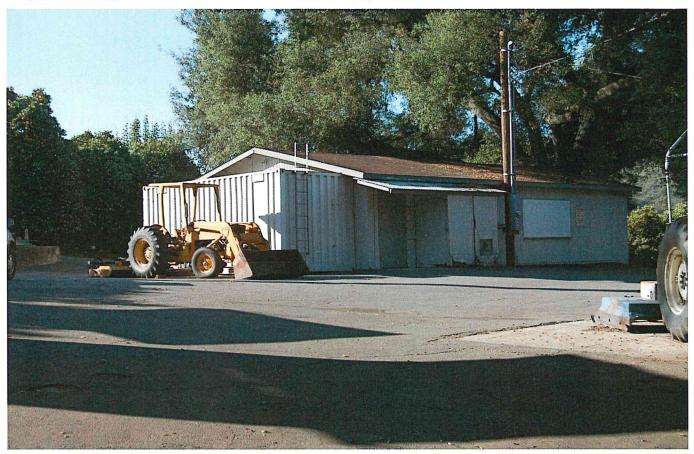


PLATE A

SITE PHOTOGRAPHS

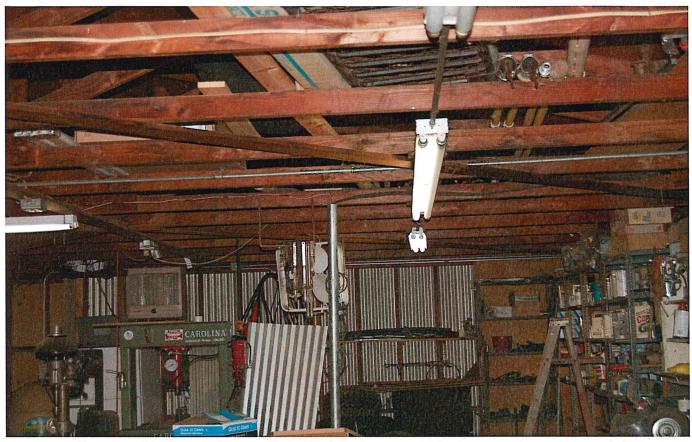




Veim of work shop within the operation center



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



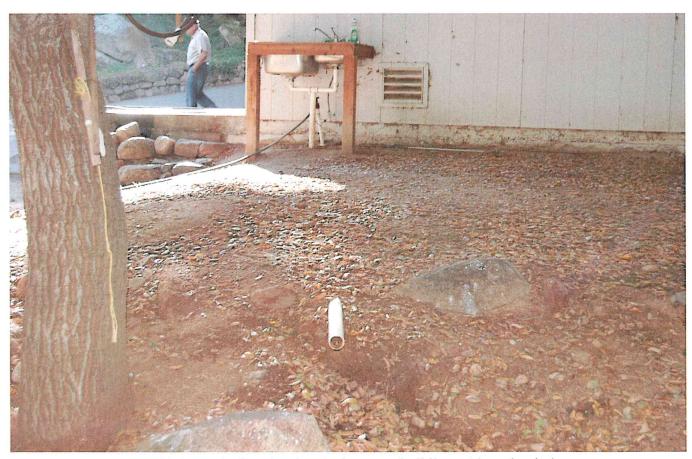
Compressor, tires, assorted canisters and tools within metal container adjacent operation center workshop



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



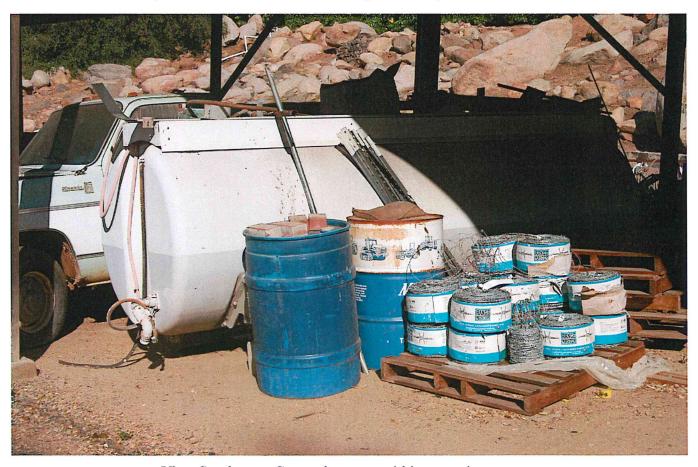
View of chemical storage building with assorted chemicals, dispensers tires and tools



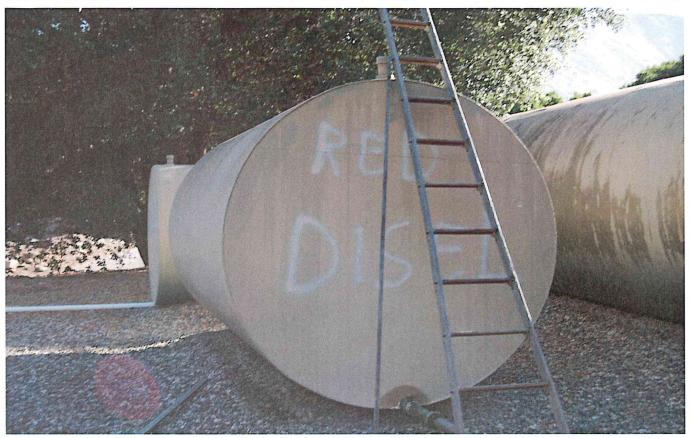
Sink attached to the chemical storage building with outlet drain



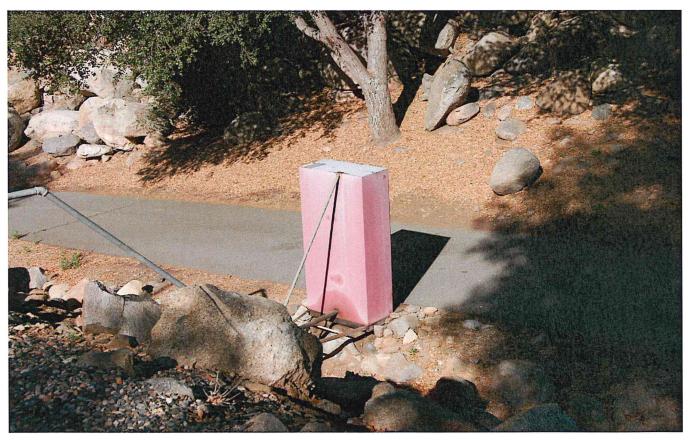
View Northwest: Covered storage within operation center



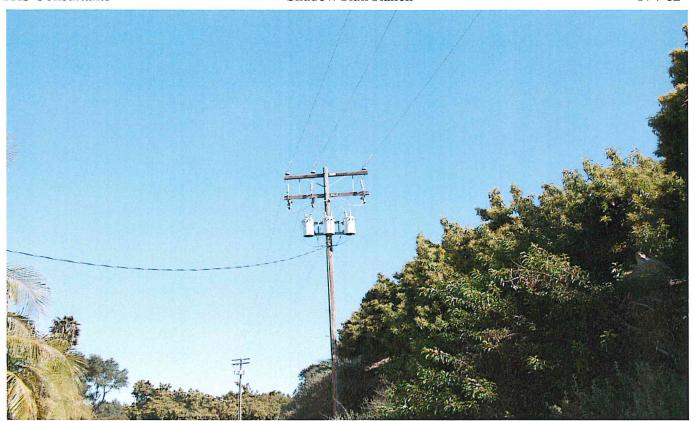
View Southwest: Covered storage within operation center



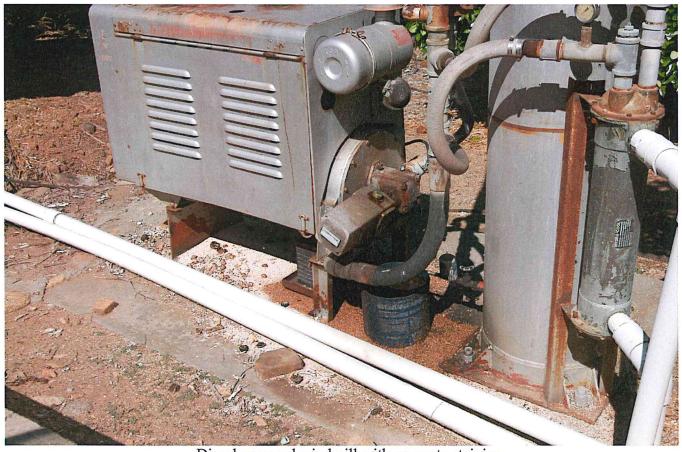
Diesel tanks at the northern portion of the operation center



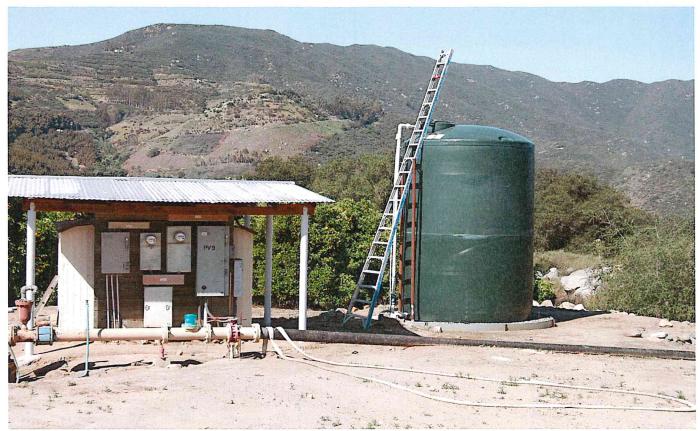
Diesel dispenser at the northern portion of the operation center



Three pole-mounted transformers



Diesel powered windmill with concrete staining



Water tank and well along east side of Frey Creek



APPENDIX A

SITE INSPECTION CHECKLIST



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:Ti	me_	Miles	
Date:			Finish:T	ime_	Miles	_
1.	Parcel Size: Facility Size: Map Reference:	248 ±	- Acres		Ms, SHERRILL SCHO	EPE
2.	Obvious Geologi Estimated % of S Ground Cover: A Type and Condit Roads and Parkin	c Features: Site Covered AVACADO ion of Paven ng Facilities:	by Buildings and Liter ment: ASPH	and Pavement: Solows: ATI FAIR	OPS UP TO THE N LOUNTAIN - FAN DEPOS 10-15 % DEEDS BRUSH, MATUR TO GOOD SHOP, CHEMICAL BLDG.	<u>I</u> TS - <u>-</u> -
3.	Indications of Cu Agriculture Residential Other:	☐ Ind	ustrial leveloped		indications of current use	_
4.	Indications of Pr	evious Site I		☐ Commercia	l/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 - PALMA INDIAN RESERVATION
	South: HIGHWAY 76, ADJACCOT VACAUT PARCEL, SAW LUIS REY RUER BEKON
	East: ADAMS DR, RESIDENTIAL AND RANCH USE BEYEND
	West: MATURAL OPEN LAWD, AGUA TIBIA CRZEK, RESIDENTIA H RANCH
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

PORTION OF SITE, WELLS THROUGHOUT SITE

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

	Approximate	Contents	Tank Composition	Location on Site
	Capacity			
	20,000 t gal	EMPTY (ens)	STEEL	OPERATION COTTER
	8,000 t end	DIESEL	STEEL	OPERATION CONTER
	15,000 I and	EMPTY (DESEL)	S (Elda	NEOF OF CENTER
	12 port cal	EMPTY (DISSED)	and Electric	NE OF OP CENTER
(2)	2,000 t cal	DIESEL	STEEL	NE OF OP COUTER
	1,000 ± ag1	WASTE DIESEL	STEEL	NE OF OP CONTER
	5,000 ± 591	WATER	PLASTIC	EAST SIDE FREY CREEK
	UNKNOW	WATER	57881	UPPER Fump STATION
				N OF RESERVOIR

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

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

WELLS THROUGH OUT SITE

☐ Yes ☐ No

PAGE NOT APPLICABLE 🗖
Indications of PCB-containing equipment or potential PCBs-containing equipment (e.g.
electrical equipment, hydraulic equipment, transformers, etc.)
POLE MONDTED TRADSFORMERS THROUGHOUT SITE
FLOURSSESUT LIGHTS IN WORKSHOP, HYDRANLIC CONTAINERS

PAGE NOT APPLICABLE 🗖

	arance, location, approximate size)	į, ir
DIESEL POWER	ED WINDMILLS, SOIL +Care	RETE STANVING
DARK STAWWG	OF CONCRETE IN LOORK SHO	P
	Pools of Liquid (description/location) RESERVALE -N E PORTON	/ \
		9
Odors Fusl		∕© Yes □ No
Stressed Vegetation (fr	om something other than insufficient water)	□ Yes □ No
G 1' 1 W 4 / /D 6 / /D	vidence of Dumping (description, location, app	proximate amount)

PHASE I ESA SITE INSPECTION CHECKLIST PAGE NOT APPLICABLE □

PAGE NOT APPLICABLE □

-	PESTICIDES, POISCOS, GAS to DIESEL TADRES AVA
<u> </u>	CONTAINERS OILS + HYDRAULIC FLUIDS
_	
P	ublic Services
a.	Potable Water Supply:
b	. Sewage Disposal System:
c.	Storm Water Runoff: 5Torm WATER RUNOFF, WATER FROM WALLS & IRRICA
d	
S	ite Observations

A-8

SEE PLAN

PAGE NOT APPLICABLE

a.	Number and Size of Structures
	11, VARIOUS 517ES
b.	Site Housekeeping Good Good Poor Provide Description APPEARS TO BE TROPERLY MAINTAINED FOR
	SIZE AUD AGE OF STRUCTURES
a.	Age of Structures if Known UN KUOUN
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 □

WIRNOWN IF ASBESTOS-CONTAINING MATERIALS ARE PRESENT WITHIN CORRIGHTED PLASTIC COVERS ABOVE STORKE AREAS AND ELECTRICAL PANELS

d. Any Noted Stains or Corrosion

Provide Description DARY COLOR STAINING AT DIESEL FOWERED WINDS IN WORK SHOP

PAGE NOT APPLICABLE 🗖

d.	Current Use and Occupancy (attach rent role/tenant list if available)						
	AGRICULTURE PRANCH - AVACADO AND CITRUS GROVES, FORMAN						
	MUD ROUCH HANDS LIVE IN HOME AND MOBIL HOMES						
e.	Inaccessible Areas WITHIN FREY CREEK MUD PORTIONS OF NE						
f.	Heating and Cooling Systems and System Fuel Sources						
g.	Drains, Sumps, Clarifiers, Oil Traps, Grease Pits (description, location and note any signs of staining and/or corrosion)						
1.	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	RIADE	+ EQUIPMENT	
PESTICE	Des	FOR G	s ROVAS	
Polsen	FOR	DEED	S AND PEST	COOTROL

PAGE NOT APPLICABLE

	0.	Chemical/Raw Materials Storage Areas (including hazardous materials, petroleum
		products) (description, location, list materials, number and size of containers, permits)
		PESTICIDES (PEST CONTROL + WESTS)
		PESTICIDES, POISONS (PEST CONTROL + WESTS) CHEMICAL STORAGE BLOG, MAIN OF CENTER,
		FUEL LIDIESEL TANKS PREVIOUS LY LISTED
	p.	Chemical Waste Storage Areas (including hazardous waste and petroleum products) (description, location, list materials, and number and size of containers, permits)
23.	Ad	Iditional Observations/Notes:

APPENDIX B

AGENCY SEARCH RESULTS



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:

Report	Delivery	Turnaround Time	Shipping
EDR Premium Package			
- EDR Radius Map Report with GeoCheck®	Email (no charge)	Normal Turnaround Time	
 Search Distances: Standard 		100	
- Certified Sanborn® Map Report	Email (no charge)	Normal Tumaround Time	
- EDR City Directory	Email (no charge)	Normal Turnaround Time	
 Research Method: You select addresses a Address Provided: Target Property Hold City Directory research: No 	nd EDR selects addresses		
- EDR Aerial Photo Decade Package	Email (no charge)	Normal Tumaround Time	
- EDR Historical Topographic Maps	Email (no charge)	Normal Tumaround Time	
- EDR Environmental Lien and AUL Search	Email (no charge)	Normal Tumaround Time	
- EDR Property Tax Map Report	Email (no charge)	Normal Tumaround Time	
- EDR Building Permit Report	Email (no charge)	Normal Tumaround 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: Phone:

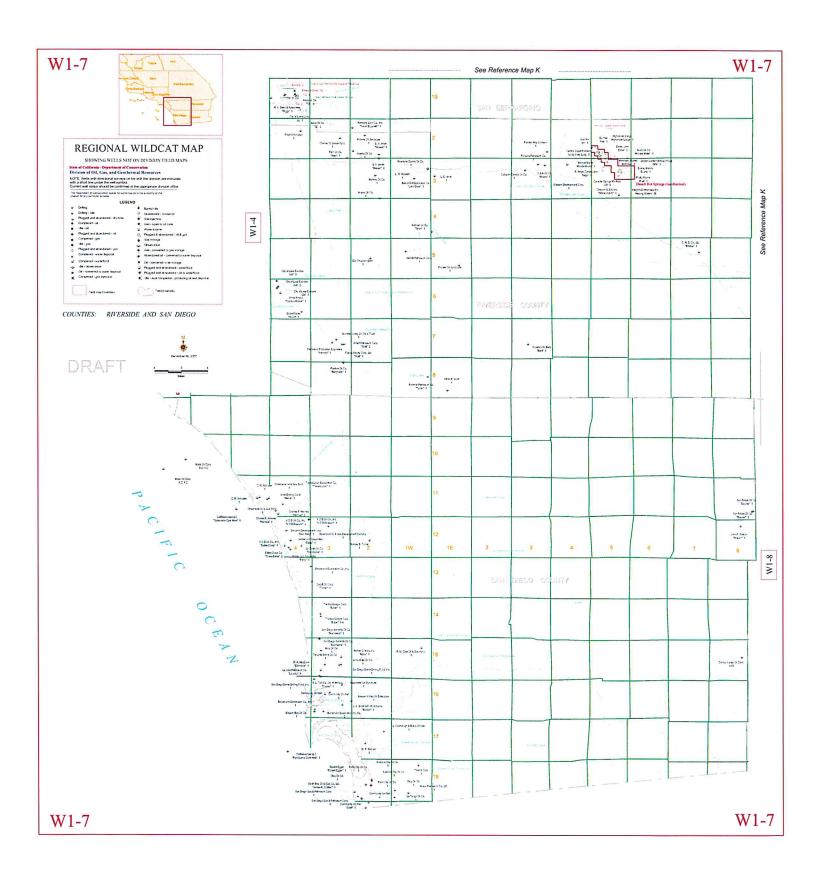
Jon Cain 9518309455

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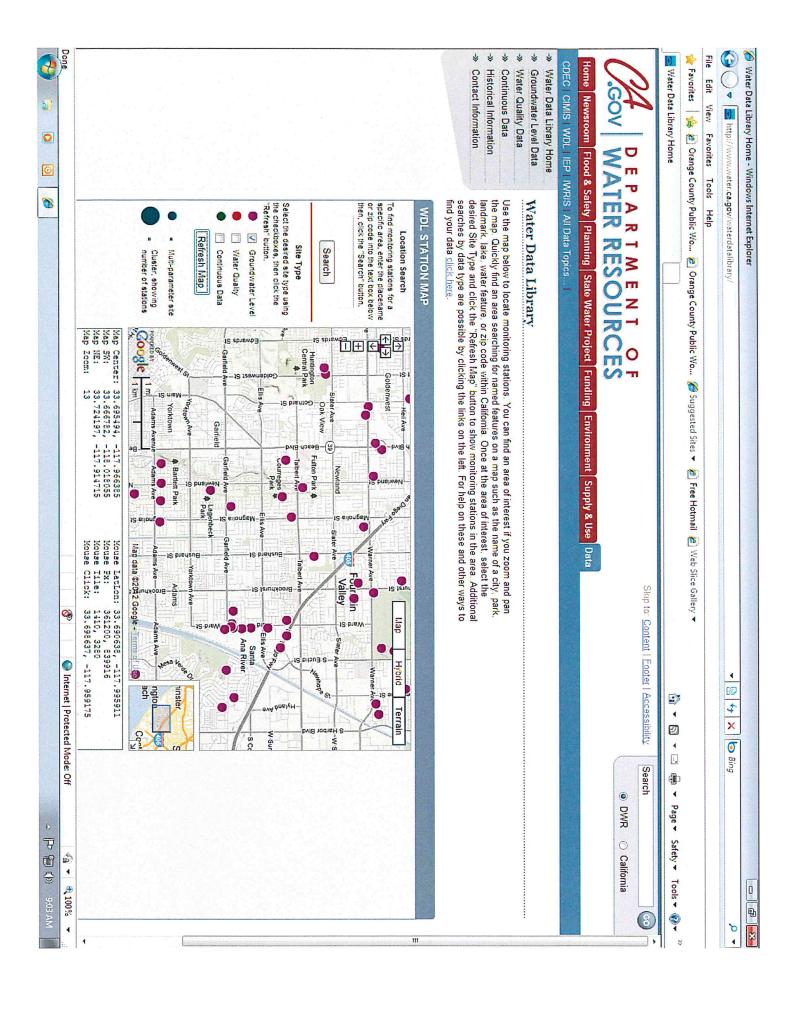
3190 Airport Loop Drive Costa Mesa, CA 92626 jcain@petra-inc.com

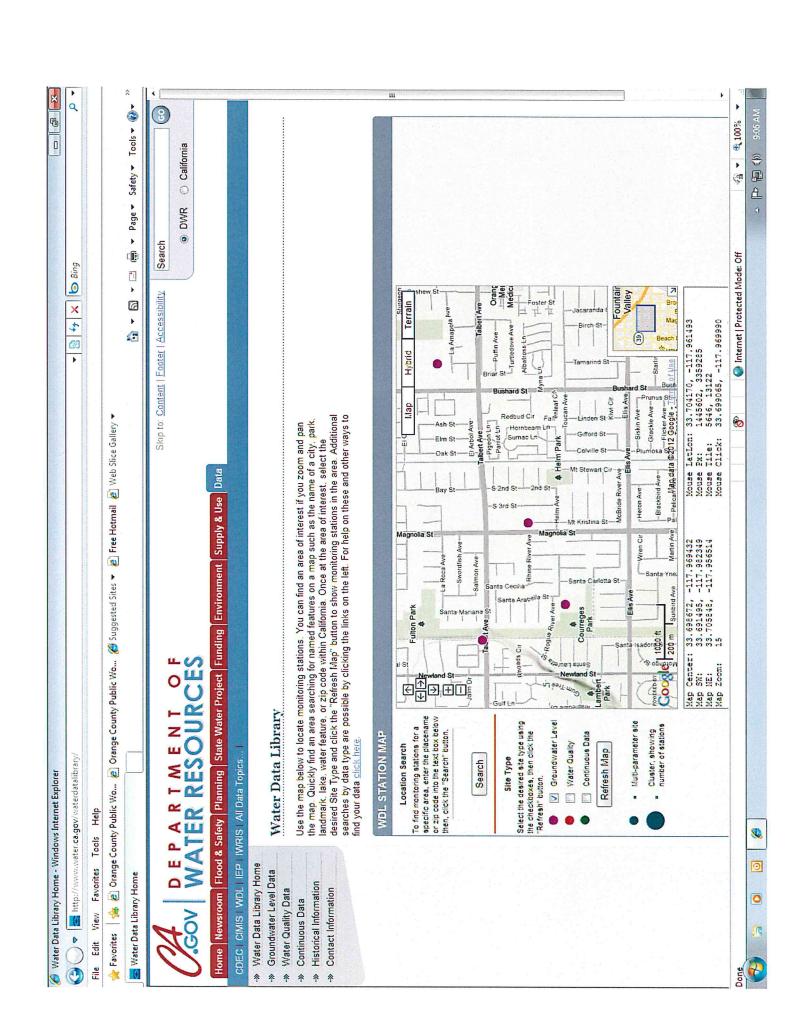
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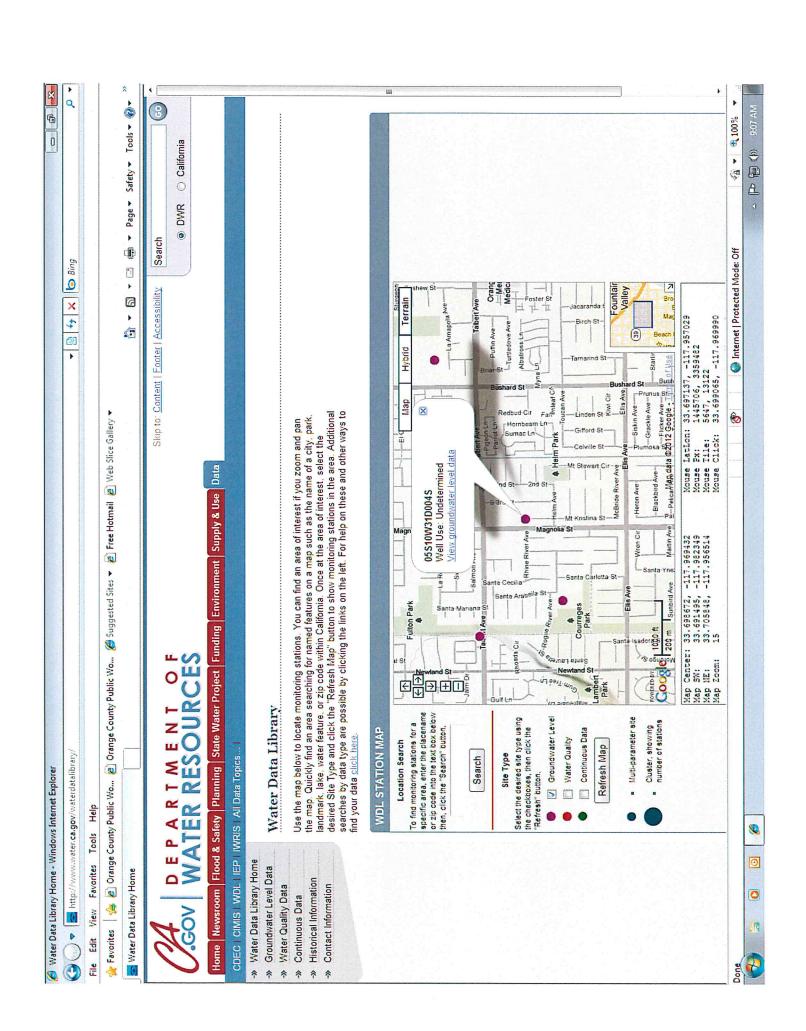
Environmental Data Resources, Inc. = 440 Wheelers Farms Road, Milford, CT 06461 = 1-800-352-0050





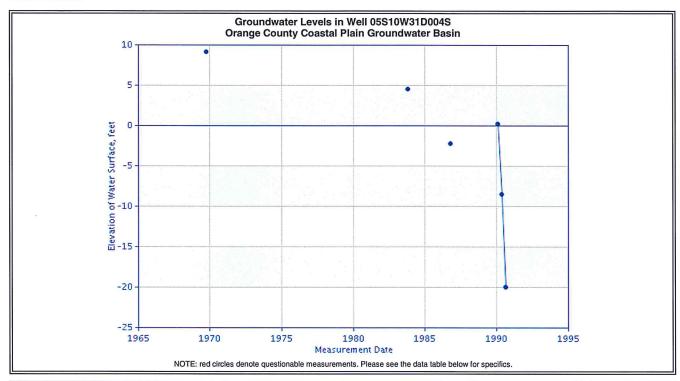






Groundwater Level Data for Well 05S10W31D004S

Your selection returned a total of 6 records. Wells in the Department of Water Resources monitoring network are identified by a <u>State Well Number</u>, which is based on the Public Land Grid System. The table headings and records contain several <u>codes and abbreviations</u>. 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 <u>MS Excel</u> or <u>text</u> <u>delimited format</u>.



Groundwater Leve	l 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:

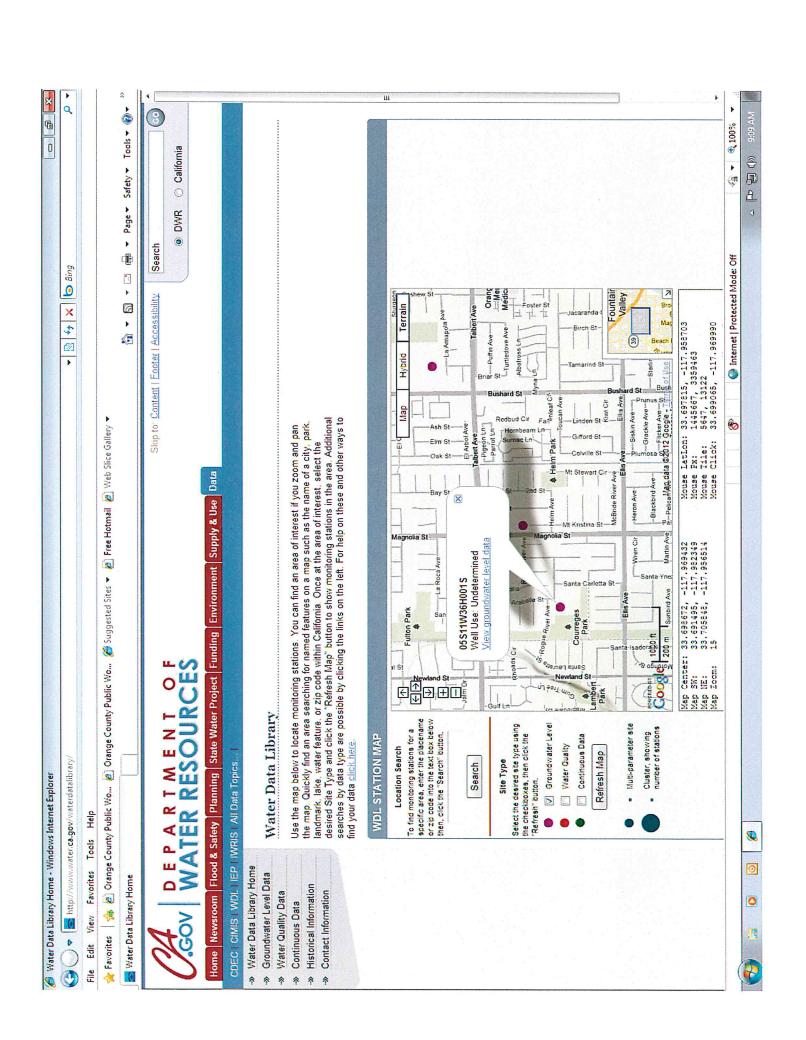
Department of Water Resources, Southern District Groundwater Section 770 Fairmont Avenue Glendale, CA 91203

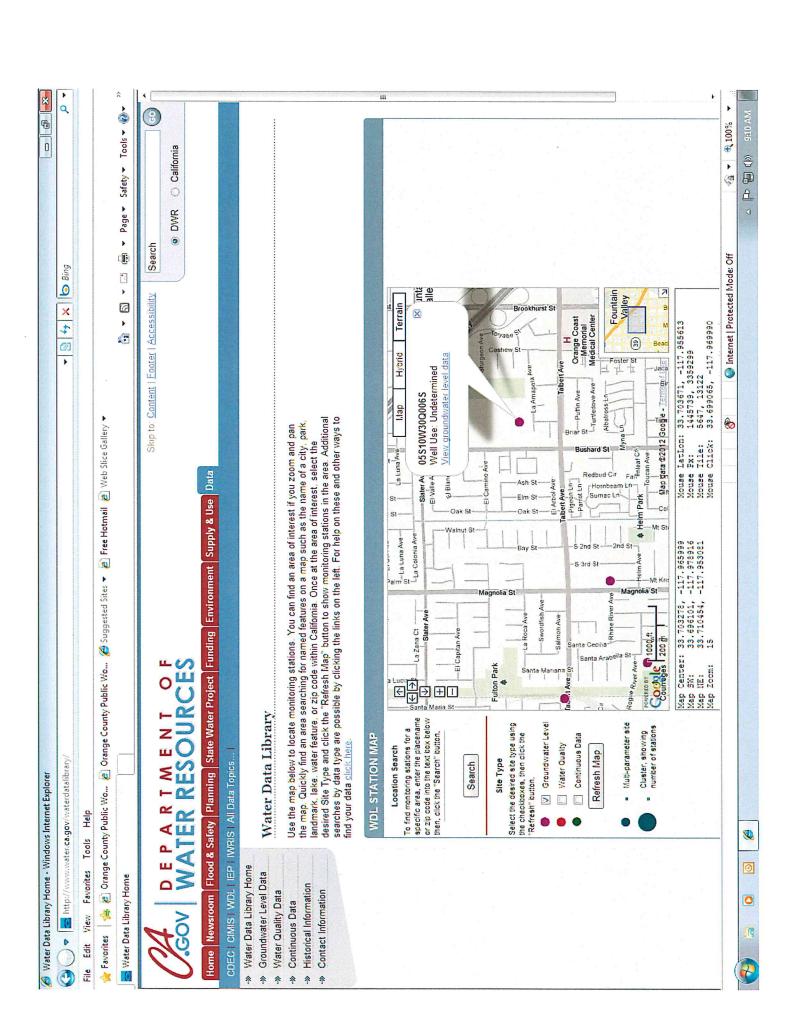
Phone: 818-500-1645, ext. 233 Fax: 818-543-4604

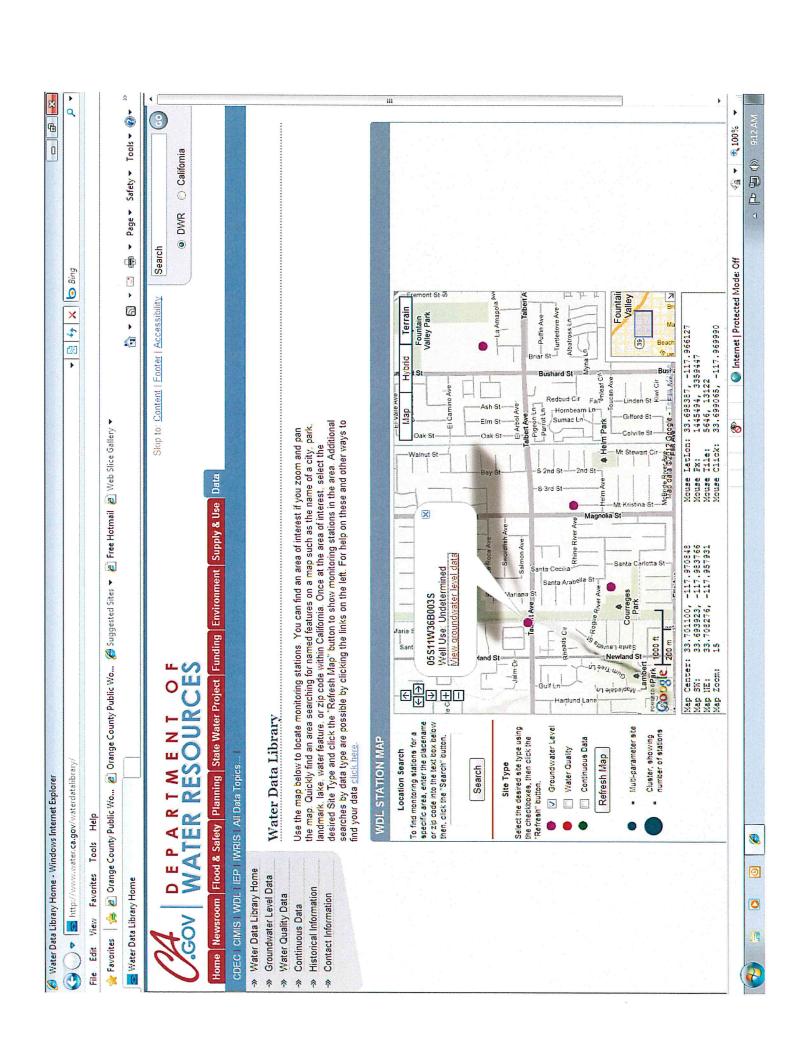
New Search

Search for wells within 0.5 mile radius.

Nearby Search

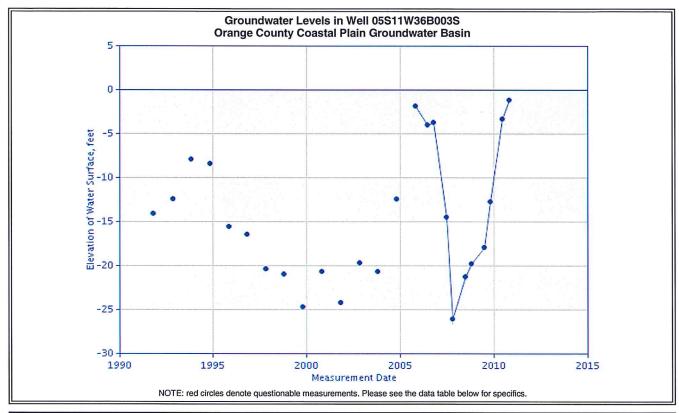






Groundwater Level Data for Well 05S11W36B003S

Your selection returned a total of **25** records. Wells in the Department of Water Resources monitoring network are identified by a <u>State Well Number</u>, which is based on the Public Land Grid System. The table headings and records contain several <u>codes and abbreviations</u>. 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 <u>MS Excel</u> or <u>text delimited format</u>.



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	1
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:

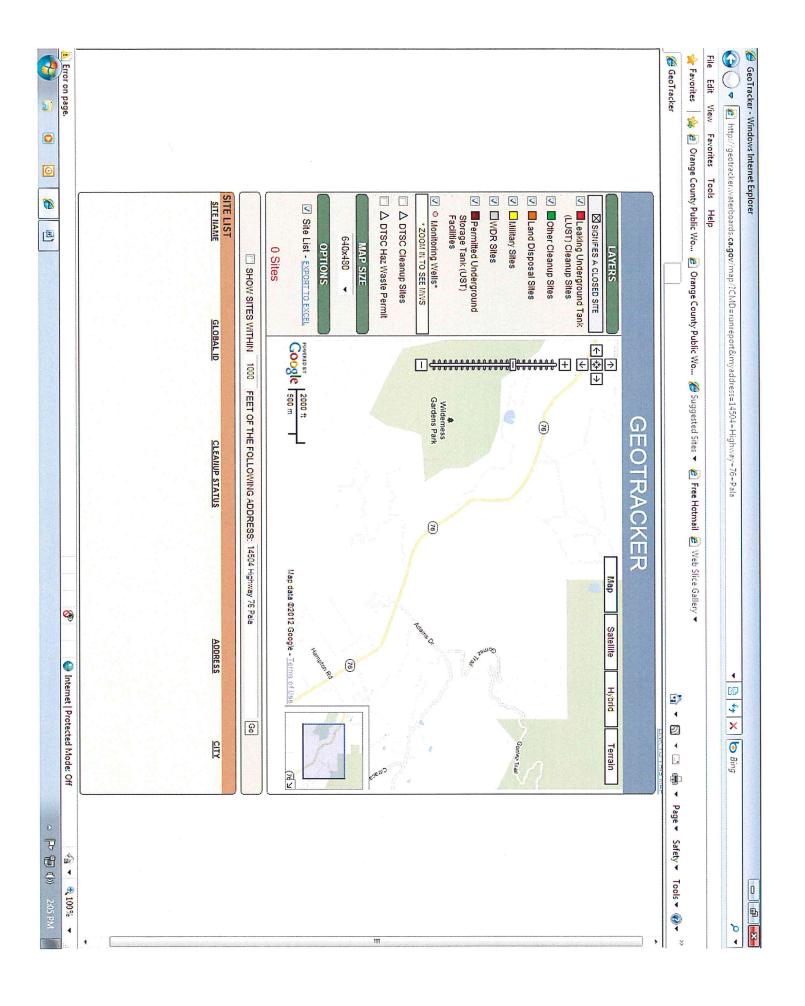
Department of Water Resources, Southern District Groundwater Section 770 Fairmont Avenue Glendale, CA 91203

Phone: 818-500-1645, ext. 233

Fax: 818-543-4604

New Search

Search for wells within 0.5 mile radius. Nearby Search



APPENDIX C

EDR HISTORICAL REPORTS



Shadow Run Ranch

Highway 76 Pauma Valley, CA 92061

Inquiry Number: 03300179.2r

April 10, 2012

The EDR Radius Map™ Report with GeoCheck®



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

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Thank you for your business.
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): Longitude (West): 33.3428000 - 33° 20' 34.08" 117.0164000 - 117° 0' 59.04"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 498473.9 UTM Y (Meters): 3689098

498473.9 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:

Source:

33116-C8 BOUCHER HILL, CA

Most Recent Revision:

1988

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:

2009, 2010 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	
NPI	National Priority Lis

EXECUTIVE SUMMARY

Proposed NPL.....Proposed National Priority List Sites NPL LIENS..... Federal Superfund Liens Federal Delisted NPL site list Delisted NPL..... National Priority List Deletions Federal CERCLIS list CERCLIS______ Comprehensive Environmental Response, Compensation, and Liability Information System FEDERAL FACILITY_____ Federal Facility Site Information listing Federal CERCLIS NFRAP site List CERC-NFRAP CERCLIS No Further Remedial Action Planned Federal RCRA CORRACTS facilities list CORRACTS...... Corrective Action Report Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF...... RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-LQG...... RCRA - Large Quantity Generators RCRA-SQG..... RCRA - Small Quantity Generators RCRA-CESQG...... RCRA - Conditionally Exempt Small Quantity Generator Federal institutional controls / engineering controls registries US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL...... Sites with Institutional Controls Federal ERNS list ERNS..... Emergency Response Notification System State- and tribal - equivalent NPL RESPONSE...... State Response Sites State- and tribal - equivalent CERCLIS ENVIROSTOR..... EnviroStor Database State and tribal landfill and/or solid waste disposal site lists SWF/LF..... Solid Waste Information System State and tribal leaking storage tank lists LUST...... Geotracker's Leaking Underground Fuel Tank Report SLIC..... Statewide SLIC Cases

EXECUTIVE SUMMARY

SAN DIEGO CO. SAM..... Environmental Case Listing INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land State and tribal registered storage tank lists 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 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

EXECUTIVE SUMMARY

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

Other Ascertainable Records

RCRA-NonGen_____RCRA - Non Generators DOT OPS...... Incident and Accident Data DOD...... Department of Defense Sites FUDS..... Formerly Used Defense Sites CONSENT..... Superfund (CERCLA) Consent Decrees

ROD...... Records Of Decision UMTRA..... Uranium Mill Tailings Sites MINES..... Mines Master Index File

TRIS...... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

FTTS......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)
HIST FTTS......FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

ICIS...... Integrated Compliance Information System

MLTS..... Material Licensing Tracking System RADINFO...... Radiation Information Database

FINDS______Facility Index System/Facility Registry System

CA BOND EXP. PLAN_____ Bond Expenditure Plan NPDES Permits Listing WDS...... Waste Discharge System

Cortese "Cortese" Hazardous Waste & Substances Sites List HIST CORTESE Hazardous Waste & Substance Site List

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.

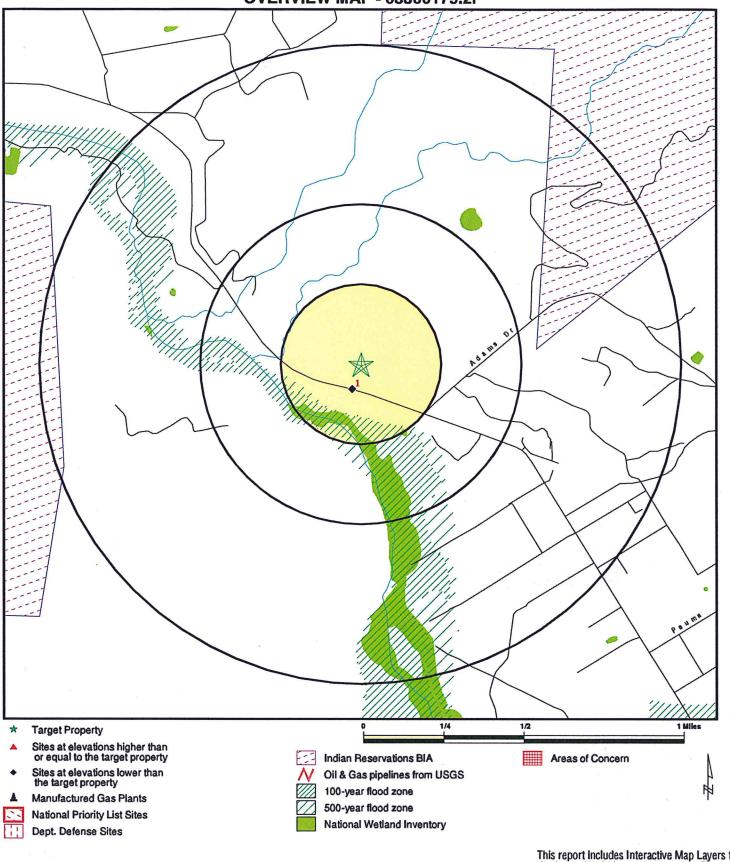
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PALA INDIAN RESERVATION MISSION INDIAN RESERVATION		W 1/2 - 1 (0.939 mi.) E 1/2 - 1 (0.550 mi.)	0 0	8 8

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 CALMAT / INDUSTRIAL ASPHALT	INDIAN UST R4
PALA STORE	INDIAN UST R4 INDIAN UST R4
LA JOLLA TRADING POST	INDIAN UST R4
LA JOLLA TRADING POST LA JOLLA TRANSFER STATION	SWRCY
LA JULLA I RANSPER STATIUN	SWACI

OVERVIEW MAP - 03300179.2r



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:

LAT/LONG:

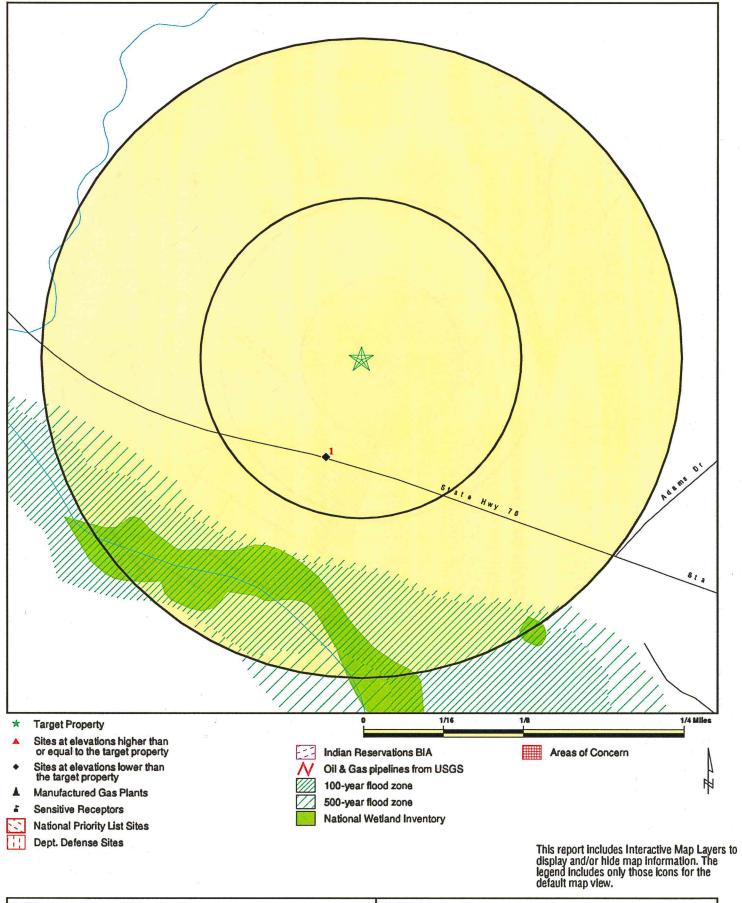
Highway 76 Pauma Valley CA 92061 33.3428 / 117.0164

CLIENT: Petra Geotec CONTACT: Jon Cain INQUIRY#: 03300179.2r Petra Geotechnical Inc

DATE: April 10, 2012 2:21 pm

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DETAIL MAP - 03300179.2r



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

Copyright © 2012 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
STANDARD ENVIRON	MENTAL RECORDS							
Federal NPL site lis	t							
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0
Federal Delisted NF	PL site list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS lis	st							
CERCLIS FEDERAL FACILITY	0.500 1.000		0	0	0 0	NR 0	NR NR	0
Federal CERCLIS N	FRAP site List							
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA COR	RACTS facilities lis	st					, i	
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-	CORRACTS TSD fa	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA gene	erators list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional engineering control								
US ENG CONTROLS			0 0	0	0	NR NR	NR NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - e	quivalent NPL							
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - e	quivalent CERCLIS	;						
ENVIROSTOR	1.000		0	0	0	0	NR	0
State and tribal land solid waste disposa								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal lead	king storage tank li	sts						
LUST SLIC	0.500 0.500		0	0 0	0	NR NR	NR NR	0

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 INDIAN LUST	0.500 0.500		0	0 0	0 0	NR NR	NR NR	0
State and tribal registere	ed storage tar	ık lists						
UST AST INDIAN UST FEMA UST	0.250 0.250 0.250 0.250		0 1 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 1 0 0
State and tribal voluntar	y cleanup site	es			4.			
INDIAN VCP VCP	0.500 0.500		0	0 0	0	NR NR	NR NR	0
ADDITIONAL ENVIRONMEN	NTAL RECORDS	3						
		-						
Local Brownfield lists	0.500		•	0		ND	ND	•
US BROWNFIELDS Local Lists of Landfill / S	0.500		0	0	0	NR	NR	0
Waste Disposal Sites	Solia							
DEBRIS REGION 9 ODI WMUDS/SWAT SWRCY HAULERS INDIAN ODI	0.500 0.500 0.500 0.500 TP 0.500		0 0 0 0 NR 0	0 0 0 0 NR 0	0 0 0 0 NR 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US CDL HIST Cal-Sites SCH Toxic Pits CDL San Diego Co. HMMD US HIST CDL	TP 1.000 0.250 1.000 TP TP TP		NR 0 0 0 NR NR NR	NR 0 0 0 NR NR NR	NR 0 NR 0 NR NR NR	NR 0 NR 0 NR NR NR	NR NR NR NR NR NR	0 0 0 0 0
Local Lists of Registere	d Storage Tan	ks						
CA FID UST HIST UST SWEEPS UST	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Local Land Records								
LIENS 2 LUCIS LIENS DEED	TP 0.500 TP 0.500		NR 0 NR 0	NR 0 NR 0	NR 0 NR 0	NR NR NR NR	NR NR NR NR	0 0 0 0
Records of Emergency I	Release Repo	rts						
HMIRS	TP		NR	NR	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS LDS MCS	TP TP TP		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
Other Ascertainable Reco	rds							
RCRA-NonGen DOT OPS DOD FUDS CONSENT ROD UMTRA MINES TRIS TSCA FTTS HIST FTTS SSTS ICIS PADS MLTS RADINFO FINDS RAATS CA BOND EXP. PLAN NPDES WDS Cortese HIST CORTESE Notify 65 DRYCLEANERS WIP ENF HAZNET EMI INDIAN RESERV SCRD DRYCLEANERS COAL ASH EPA PROC HWT HWP COAL ASH DOE	0.250 TP 1.000 1.000 1.000 1.000 0.500 0.250 TP TP TP TP TP TP TP TP TP TP TP TP TP		0 R 0 0 0 0 0 R R R R R R R R R R R R O O O O	0 K 0 0 0 0 0 0 K K K K K K K K K K K K	NR O O O O O RRRRRRRRRRRRR O NR O O O RRRRR O O O O	RR0000RRRRRRRRRRRRRRR0RRRRRRRRRRRRRRRR	RCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	000000000000000000000000000000000000000
PCB TRANSFORMER FINANCIAL ASSURANCE MWMP	TP TP 0.250		NR NR 0	NR NR 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
EDR PROPRIETARY RECOR	DS							
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	0	NR	0

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 EDR Historical Cleaners	s 0.250 0.250		0 0	0 0	NR NR	NR NR	NR NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation **EPA ID Number** Site Database(s)

PALA INDIAN RESERVATION IND RES

INDIAN RESERV CIND100528

N/A

N/A

Region West 1/2-1

PALA INDIAN RESERVATION (County), CA

4958 ft.

INDIAN RESERV:

Feature: Name:

Indian Reservation Pala Indian Reservation

Agency: State:

BIA CA

INDIAN RESERV CIND100529 IND RES MISSION INDIAN RESERVATION

Region

2905 ft.

East 1/2-1

MISSION INDIAN RESERVATIO (County), CA

INDIAN RESERV:

Feature:

Indian Reservation

Name:

Mission Indian Reservation

Agency: State:

BIA CA

WEST PAUMA VALLEY RANCH INC

S104761406 AST

SSW 14504 STATE HWY 76 < 1/8 PAUMA VALLEY, CA 92061 San Diego Co. HMMD N/A

HAZNET

0.082 mi.

433 ft.

AST: Relative:

Lower

Owner:

SHADOW RUN RANCH

Actual:

Total Gallons:

36000

759 ft.

Certified Unified Program Agencies: San Diego

San Diego Co. HMMD:

Facility ID: Inactive Indicator: 199407 Active

Business Code: SIC:

6HKAG Not reported

Permit Expiration:

Not reported SHERRILL A SCHOEPE

Owner: 2nd Name: Mailing Address:

Not reported PO BOX 1249 PAUMA, CA 92061

Mailing City, St, Zip: Map Code/Business Plan on File:

Not reported Not reported

Corporate Code:

Rincon/CA Dept. of Forestry

Fire Dept District: Census Tract Number:

191.0 Not reported Not reported

EPA ID: Gas Station: Inspection Date: Reinspection Date:

11/30/07 Not reported **MSEDGHI**

Inspector Name: Violation Notice Issued: Facility Contact:

Not reported RON DEUTSCHENDORF SR/MIGUEL FE

Delinquent Flag:

Not Delinquent

Last Update:

08/30/10

Map ID Direction Distance Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

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:
Tank Address:
Not reported
11/30/10
Facility Phone:
760-742-3172

HMMD DISCLOSURE INVENTORY:

Item Number: DIE

Chemical Name:
Case Number:
Gase Number:
Guantity Stored At One Time:
Quantity Stored at One Time:
Annual Quantity String:
Annual Quantity String:
Measurement Units:

DIESEL 3 TANKS
684-76-346
Not reported
Not reported
Not reported
Not reported
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:
Quantity Stored at One Time:
Annual Quantity String:
Annual Quantity String:
Annual Quantity String:
Measurement Units:
Carcinogen:

Not reported
No

1st Hazard Category: FIRE 2nd Hazard Category: ACUTE

Item Number: GAS **GASOLINE** Chemical Name: 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 FIRE 1st Hazard Category: 2nd Hazard Category: ACUTE

Item Number: MET

Measurement Units:

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

Not reported

Map ID Direction Distance Elevation MAP FINDINGS

Site

Database(s)

EDR ID Number EPA ID Number

S104761406

WEST PAUMA VALLEY RANCH INC (Continued)

Carcinogen:

1st Hazard Category: 2nd Hazard Category: ACUTE Not reported

Item Number:

OXY

Chemical Name:

OXYGEN (1X331) 7782-44-7

Case Number: Quantity Stored At One Time: Quantity Stored at One Time: Annual Quantity String: Annual Quantity String:

Not reported Not reported Not reported Not reported

Measurement Units: Carcinogen:

Not reported No

1st Hazard Category:

FIRE PRESSURE RELEASE

2nd Hazard Category:

PRO **PROPANE**

Item Number: Chemical Name: Case Number:

74-98-6 Not reported Not reported

Quantity Stored At One Time: Quantity Stored at One Time: Annual Quantity String:

Not reported Not reported

Annual Quantity String: Measurement Units:

Not reported No

Carcinogen: 1st Hazard Category:

FIRE

2nd Hazard Category:

PRESSURE RELEASE

HMMD UNDERGROUND TANKS:

Tank Number:

Not reported

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

Tank Contents:

Not reported

HMMD VIOLATIONS:

Inspection Date:

Not reported

Waste Code: Occurrences: Not reported Not reported Not reported

Item Number:

HMMD WASTE STREAMS:

Inspection Date: Waste Item #:

Not reported Not reported

Waste Code: Waste Name: Not reported Not reported Not reported

Qnty at Inspection: Quantity String: Annual Qty:

Not reported Not reported

Annual Qty String: Measurement Unit: Not reported Not reported Not reported

Treatment Method: Storage Method: Haz Waste Hauler:

Not reported Not reported

Waste Desc:

Not reported

No

Carcinogen:

Map ID Direction Distance Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number **EPA ID Number**

S104761406

WEST PAUMA VALLEY RANCH INC (Continued)

Facility ID:

204329

Inactive Indicator: Business Code:

Active 6HK18

SIC:

Not reported Not reported

Permit Expiration:

YUIMA MUNICIPAL WATER DISTRICT

Owner: 2nd Name:

Not reported

Mailing Address: Mailing City, St, Zip:

P O BOX 177 PAUMA VALLEY, CA 92061

Map Code/Business Plan on File:

Not reported Not reported

Corporate Code: Fire Dept District:

Rincon/CA Dept. of Forestry

Census Tract Number:

191.0

EPA ID:

Not reported Not reported

Gas Station: Inspection Date: Reinspection Date: Inspector Name:

09/16/08 Not reported **GGRIFFIT** Not reported

Violation Notice Issued: **Facility Contact:**

ROBERT FOWLER Not Delinquent

Delinquent Flag: Last Update:

08/30/10 Not reported Not reported

Last Delinquent Letter: **Delinquent Comment:** Last Letter Type:

Not reported SCHOEPE SHERRILL A REVOCABLE T

Property Owner:

P O BOX 572

Property Address: Property City, St, Zip:

PAUMA VALLEY, CA 92061 Not reported

Tank Owner: Tank Address:

Not reported Not reported Not reported

Tank City, St, Zip: Business Plan Acceptance Date: Reinspection Date Y2K Compatible:

09/16/10 760-742-3704

Facility Phone:

HMMD DISCLOSURE INVENTORY:

Item Number:

SOD

Chemical Name: Case Number:

SODIUM HYPO-CHLORITE BLEACH 12.9% 7681-52-9

Quantity Stored At One Time: Quantity Stored at One Time:

Not reported Not reported Not reported

Annual Quantity String: Annual Quantity String: Measurement Units:

Not reported Not reported

Carcinogen: 1st Hazard Category:

No REACTIVE

2nd Hazard Category:

ACUTE

HMMD UNDERGROUND TANKS:

Tank Number:

Not reported

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

Tank Contents:

Not reported

HMMD VIOLATIONS:

Inspection Date:

09/16/08

Waste Code:

Not reported

Map ID MAP FINDINGS

Direction Distance Elevation

ation Site

Database(s)

EDR ID Number EPA ID Number

S104761406

WEST PAUMA VALLEY RANCH INC (Continued)

Occurrences:

Not reported

Item Number:

3391

HMMD WASTE STREAMS:

Inspection Date: Not reported Waste Item #: Not reported Waste Code: Not reported Not reported Waste Name: **Qnty at Inspection:** Not reported Quantity String: Not reported Annual Qty: Not reported Annual Qty String: Not reported Measurement Unit: Not reported Not reported Treatment Method: Storage Method: Not reported Haz Waste Hauler: Not reported Waste Desc: Not reported

Carcinogen:

HAZNET:

Year: 2010

Gepaid: CAL000249228

Contact: RONALD L DEUTSCHENDORF, SR

No

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: FU

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: CAL00024

Gepaid: CAL000249228 ·
Contact: RONALD L DEUTSCHENDORF, SR

Telephone: 7607423097 Mailing Name: Not reported Map ID Direction Distance

Site

Elevation

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

WEST PAUMA VALLEY RANCH INC (Continued)

S104761406

Mailing Address:

PO BOX 1249

Mailing City,St,Zip:

PAUMA VALLEY, CA 920610000

Gen County:

Not reported CAD008302903

TSD EPA ID: TSD County:

Not reported

Waste Category: Disposal Method: Off-specification, aged or surplus organics

FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE

Tons:

Facility County: San Diego

Year:

2010

Gepaid:

CAL000249228

Contact: Telephone: RONALD L DEUTSCHENDORF, SR

Mailing Name:

7607423097 Not reported PO BOX 1249

Mailing Address: Mailing City,St,Zip:

PAUMA VALLEY, CA 920610000

Gen County:

Not reported

TSD EPA ID:

CAD008302903

TSD County: Waste Category: Not reported 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

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

Last EDR Contact: 04/05/2012

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

Source: EPA Telephone: N/A

Next Scheduled EDR Contact: 07/23/2012

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

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Count: 35 records.

Zip Database(s)	92061 HIST UST	92061 RCRA-SQG,FINDS	92059 FINDS,RCRA-CESQG	92059 CERCLIS-NFRAP	92061 FINDS	92059 INDIAN UST R4	92082 INDIAN UST R4	92059 INDIAN UST R4	92059 INDIAN UST R4	92061 ICIS	92061 RCRA-CESQG	92059 RCRA-SQG	ERNS	AST	AST	MINES	MINES	MINES	MINES	MINES	MINES	MINES	MINES	MINES	MINES	MINES	MINES	92059 SWEEPS UST	92059 SWEEPS UST	92061 SWEEPS UST	92061 SWEEPS UST	92061 SWEEPS UST	92061 SWRCY		92061 HIST UST
Site Address	STAR RT. 15450 HWY 76	PAUMA VALLEY PALA	12802 HWY 76	HIGHWAY 76 NEAR LILAC ROAD	SAN LUIS REY RIVER	P.O. BOX 154	HIGHWAY 76 AND 100 CAMPGRIUND	HIGHWAY 76 6.7 MILES EAST OF I	HWY 76 & PALA MISSION ROAD	SAN LUIS REY RIVER PAUMA VA	22000 HWY 76	35435 PALA DEL NORTE RD	AT THE INTERSECTION OF MANCHES	(TENANT ON NAVAL STATION)	(TENANT)	NATIONAL QUARRIES	HIMALAYA MINE CALIF	PACKRAT MINES	STEWART LITHIA MINE	HIMALAYA MINE	ELIZABETH R MINE	TOURMALINE QUEEN MINE	CHULA VISTA PLANT	AZTEC ESCONDIDO PLANT	HARBORLITE ESCONDIDO PLANT	CHULA VISTA PLANT	PALA SAND PLANT	HWY 76 7MI E I-15	HWY 76 6MI E I-15	HIGHWAY 76	HIGHWAY 76	COR HWY 76 & RESERVA	22000 HWY 76	O U.S.HIGHWAY 76	HWY 76
Site Name	JAMES C. ROBERTS, IN.C	PACIFIC BELL	PALA TRANSFER STATION	PALA INDIAN RESERVATION	CHUCHUA OASIS RANCH	PALA STORE	LA JOLLA TRADING POST	CALMAT / INDUSTRIAL ASPHALT	ACORN MINI MARKET	CHUCHUA OASIS RANCH	LA JOLLA BAND OF INDIANS TRANSFER	ORANGE GROVE ENERGY CENTER	AT THE INTERSECTION OF MANCHESTER	FLEET TRAINING CENTER	SHORE INTERMEDIATE MAINTENANCE	NATIONAL QUARRIES LLC	HIGH DESSERT GEMS AND MINERALS	JIM MEANS	MILLENNIUM INC	PALA INTERNATIONAL	REED OPERATION	SOUTHERN CA GEM INDUSTRIES	WESTERN SALT CO	AZTEC PERLITE CO INC	HARBORLITE CORP	WESTERN SALT CO	SIM J. HARRIS	CAL-MAT PALA	INDUSTRIAL ASPHALT PRODUCTS	PACIFIC BELL PALACA11/DB119	PAUMA VISTA RANCH	ROSS RANCH	LA JOLLA TRANSFER STATION	PACIFIC BELL (DB-119)	SCHOEPE ENTERPRISES/SHADOW RUN
EDR ID	1000220728	1000250504	1005415471	1007117511	1008335573	1009393088	1009393157	1009393179	1009393223	1011580974	1012176378	1014387286	2011974562	A100345749	A100346114	M300001892	M300002119	M300002121	M300002122	M300002123	M300002124	M300002125	M300002489	M300002614	M300002616	M300002765	M300003184	\$106923790	S106927505	\$106930368	S106930561	S106931600	S110071931	U001572032	U001572069
City	PAUMA VALLEY	PAUMA VALLEY	PALA	PALA INDIAN RESERVAT	PAUMA VALLEY	PALA	VALLEY CENTER	PALA	PALA	PAUMA VALLEY	PAUMA VALLEY	PALA																PALA	PALA	PAUMA VALLEY	PAUMA VALLEY	PAUMA VALLEY	PAUMA VALLEY	PAUMA VALLEY - PALA	PAUMA VALLEY

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

Date of Government Version: 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 inventory 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

Source: California Regional Water Quality Control Board Lahontan Region (6)

Telephone: 530-542-5572 Last EDR Contact: 09/12/2011

Number of Days to Update: 27

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

LUST: 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

Date of Government Version: 01/20/2012 Date Data Arrived at EDR: 01/20/2012 Date Made Active in Reports: 02/21/2012

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 03/21/2012

Number of Days to Update: 32

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 Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-542-4786 Last EDR Contact: 07/18/2011

Number of Days to Update: 14

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: No Update Planned

LUST REG 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 Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-241-7365 Last EDR Contact: 09/12/2011

Number of Days to Update: 22

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

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

Source: California Regional Water Quality Control Board North Coast (1)

Telephone: 707-570-3769 Last EDR Contact: 08/01/2011

Date Made Active in Reports: 03/29/2001 Last EDR Contact: 08/01/2011

Number of Days to Update: 29 Next Scheduled EDR Contact: 11/14/2011

Data Release Frequency: No Update Planned

LUST 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)

Source: Regional Water Quality Control Board, Victorville Branch

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

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

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

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 01/30/2012

Number of Days to Update: 25

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

Sourc

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 Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 02/28/2012

Number of Days to Update: 131

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

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010

Source: EPA

Date Made Active in Reports: 12/02/2010

Telephone: 202-260-5521 Last EDR Contact: 03/28/2012

Number of Days to Update: 64

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

Source: EPA

Telephone: 202-566-1667

Last EDR Contact: 02/27/2012

Number of Days to Update: 25

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 Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 02/20/2012

Number of Days to Update: 41

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

Source: California Air Resources Board Telephone: 916-322-2990

Last EDR Contact: 03/30/2012

Next Scheduled EDR Contact: 07/09/2012 Number of Days to Update: 19

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

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 01/20/2012

Number of Days to Update: 34 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

Telephone: 615-532-8599 Last EDR Contact: 02/06/2012

Next Scheduled EDR Contact: 05/07/2012

Source: Environmental Protection Agency

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

Tel 2 Las

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

Source: Alameda County Environmental Health Services

Date Made Active in Reports: 02/21/2012

Telephone: 510-567-6700 Last EDR Contact: 04/02/2012

Number of Days to Update: 39

Number of Days to Update: 42

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

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:

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

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

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): Longitude (West):

33.3428 - 33° 20' 34.08"

Universal Tranverse Mercator: Zone 11

117.0164 - 117° 0' 59.04"

UTM X (Meters): UTM Y (Meters):

498473.9 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.

GROUNDWATER FLOW DIRECTION INFORMATION

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

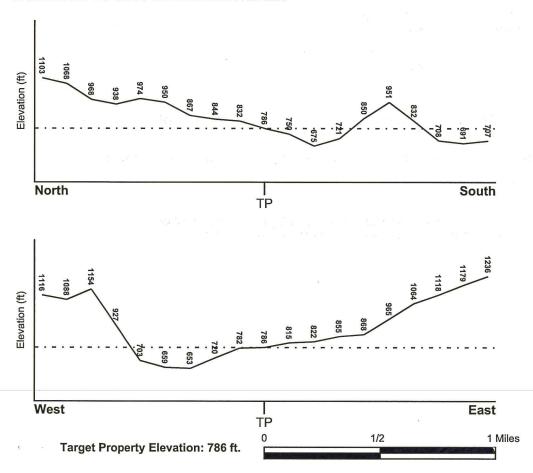
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

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

FEMA Flood

Target Property County

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 Electronic

NWI Quad at Target Property

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 FROM TP

LOCATION

GENERAL DIRECTION

Not Reported

GROUNDWATER FLOW

^{©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. TC03300179.2r Page A-3

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

GEOLOGIC AGE IDENTIFICATION

Era:

Mesozoic

Category: Plutonic and Intrusive Rocks

System:

Cretaceous

Series:

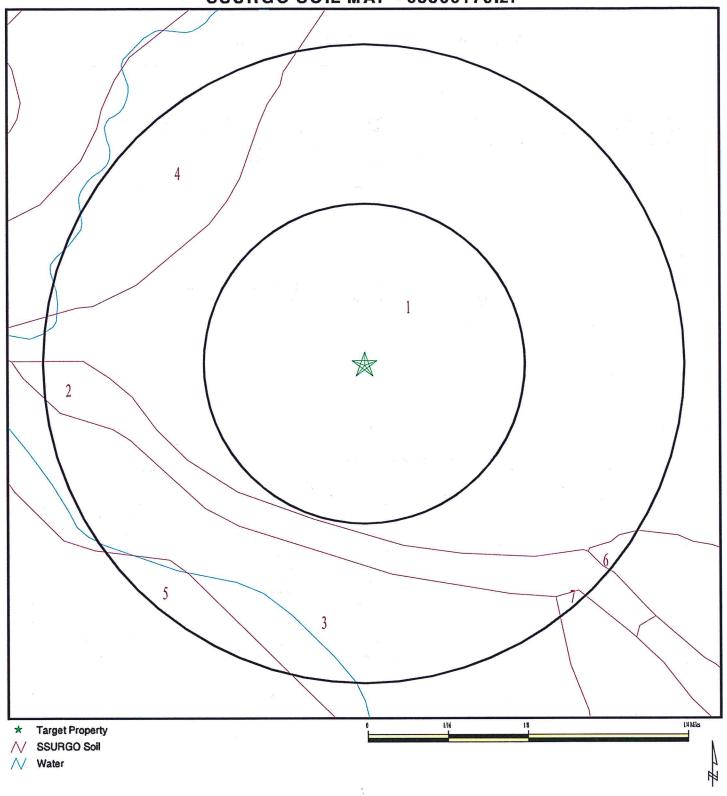
Cretaceous granitic rocks

Code:

Kg (decoded above as Era, System & Series)

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



SITE NAME: Shadow Run Ranch ADDRESS: Highway 76 Pauma Valley CA 92061 LAT/LONG: 33.3428 / 117.0164

CLIENT: Petra George...
CONTACT: Jon Cain
INQUIRY #: 03300179.2r
April 10, 2012 2:23 pm

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

п			Soil Layer	r Information		e	
	Bou	ndary		Classif	fication	Saturated hydraulic	E V
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Oon Nouvelon
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							
	Boui	ndary	-4.2	Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)
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

			Soil Layer	r Information		**	s
	Воц	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity Soil Reaction micro m/sec (pH)	
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	, · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	Tas
	Воц	ındary		Classif	ication	Saturated hydraulic	1 en + 8
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)
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	r Information			
	Bou	ındary	· · · · · · · · · · · · · · · · · · ·	Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min:

> 0 inches

Depth to Watertable Min:

> 0 inches

	* - 8	ā,	Soil Layer	r Information			я
	Bou	ndary		Classification		Saturated hydraulic	S _{ig} to
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
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

	Soil Layer Information						
	Bou	ndary		Classif	fication	Saturated hydraulic	le .
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
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	USGS3127 545	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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	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

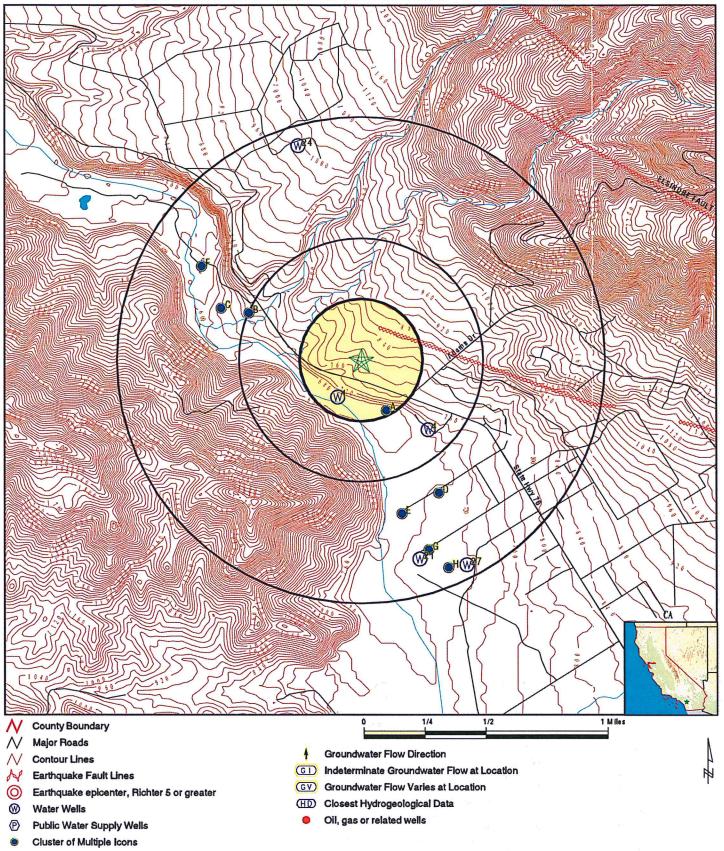
		LOCATION
MAP ID	WELL ID	FROM TP
No PWS System Found	5 4 5	* v

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	CADW4000002399	1/8 - 1/4 Mile SSE
4	10021	1/4 - 1/2 Mile SE
B6	CADW4000002447	1/2 - 1 Mile WNW
D11	10022	1/2 - 1 Mile SSE
C12	CADW4000002449	1/2 - 1 Mile WNW
E14	CADW4000002351	1/2 - 1 Mile SSE
F17	CADW4000002474	1/2 - 1 Mile WNW
G18	10023	1/2 - 1 Mile SSE
21	CADW4000002333	1/2 - 1 Mile SSE
H23	CADW4000002328	1/2 - 1 Mile SSE
H25	CADW4000002329	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 03300179.2r



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

Map ID Direction Distance Elevation Database EDR ID Number SSW 1/8 - 1/4 Mile **CA WELLS** 10024 Lower Water System Information: Prime Station Code: 37C 10S/01W-06A02 S User ID: San Diego FRDS Number: 3700006001 County: Station Type: District Number: 67 WELL/AMBNT/MUN/INTAKE Water Type: Well/Groundwater Well Status: Active Raw 332026.0 1170102.0 Source Lat/Long: 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 **CA WELLS** CADW40000002399 1/8 - 1/4 Mile Lower Longitude: -117.0142 Latiude: 33.3398 10S01W05D001S Stwellno: Districtco: 3 Z Welluseco: Countyco: 37 Gwcode: 900700 CADW40000002399 Site id: SSE **FED USGS** USGS3127545 1/8 - 1/4 Mile Lower Agency cd: USGS Site no: 332023117004801 Site name: 010S001W05D001S Latitude: 332023 EDR Site id: USGS3127545 Longitude: 1170048 Dec lat: 33.33975569 Dec Ion: -117.01419488 Coor meth: M Coor accr: Latlong datum: NAD27 District: Dec latlong datum: NAD83 06 State: 06 County: 073 Country: US Land net: Not Reported Location map: **PALA** 24000 Map scale: Altitude: 775.00 Altitude method: Interpolated from topographic map Altitude accuracy:

National Geodetic Vertical Datum of 1929

Ground-water other than Spring

Stream channel

Not Reported

San Luis ReyEscondido. California. Area = 766 sq.mi.

Date construction:

Mean greenwich time offset:

Altitude datum:

Hydrologic:

Site type:

Topographic:

Date inventoried:

Not Reported

PST

Local standard time flag: Single well, other than collector or Ranney type Type of ground water site: Not Reported Aquifer Type: Aquifer: Not Reported Not Reported Not Reported Well depth: Hole depth: Source of depth data: Not Reported Project number: Not Reported 0000-00-00 Daily flow data begin date: Real time data flag: Daily flow data end date: 0000-00-00 Daily flow data count: Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00 Water quality data begin date: 1978-08-17 Peak flow data count: 0 Water quality data end date: 1978-08-17 Water quality data count: Ground water data end date: 1985-05-01 Ground water data begin date: 1972-04-18 Ground water data count: 20 Ground-water levels, Number of Measurements: 20 Feet below Feet to Feet below Feet to Date Surface Sealevel Date Surface 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. 1983-10-18 13.34 1984-04-30 12.26 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.

4 SE CA WELLS 10021 1/4 - 1/2 Mile

1972-04-18 30.39

Water System Information:

Lower

1975-06-19 32.09

 Prime Station Code:
 10S/01W-05E02 S
 User ID:
 37C

 FRDS Number:
 3702754001
 County:
 San Diego

Note: A nearby site that taps the same aquifer was being pumped.

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

Area Served:

Not Reported 01/27/2011

Sample Collected: Chemical:

NITRATE (AS NO3)

Sample Collected: Chemical:

02/24/2011 NITRATE (AS NO3)

Sample Collected:

03/29/2011

Chemical:

NITRATE (AS NO3) 04/28/2011

Sample Collected: Chemical:

NITRATE (AS NO3)

Sample Collected: Chemical:

05/26/2011 NITRATE (AS NO3)

Sample Collected:

06/28/2011

Chemical:

NITRATE (AS NO3)

Sample Collected: Chemical:

07/27/2011 NITRATE (AS NO3)

Sample Collected: Chemical:

08/26/2011

Sample Collected:

NITRATE (AS NO3)

10/27/2011 Chemical:

NITRATE (AS NO3)

Connections:

Unknown, Small System

Findings:

28.93 MG/L

Findings:

Findings:

Findings:

Findings:

25.8 MG/L

23.14 MG/L

25.37 MG/L

Findings:

25.3 MG/L

Findings: 20.5 MG/L

Findings: 26.3 MG/L

Findings: 25.8 MG/L

24.5 MG/L

B5 WNW 1/4 - 1/2 Mile

FED USGS

USGS3127398

Agency cd: Site name:

State:

Country:

Location map:

Lower

USGS

Site no:

EDR Site id:

332044117012301 USGS3127398

009S001W31Q001S Latitude: 332044 Longitude: 1170123 Dec lon: Coor accr:

-117.02391733 NAD83

Dec lat: Coor meth: Latlong datum: District: County:

Land net: Map scale: 06 073 Not Reported Not Reported

33.34558881

M

NAD27

Altitude: Altitude method:

Dec latlong datum:

705.00

06

US

Interpolated from topographic map

Altitude accuracy:

Altitude datum:

National Geodetic Vertical Datum of 1929

Not Reported

Hydrologic: San Luis ReyEscondido. California. Area = 766 sq.mi. Alluvial or marine terrace

Topographic: Site type:

Ground-water other than Spring Date construction: Date inventoried: Not Reported

Mean greenwich time offset:

19640101 **PST**

Local standard time flag: Type of ground water site:

Single well, other than collector or Ranney type

Aquifer Type:

Not Reported Not Reported

Aquifer: Well depth:

164

Hole depth:

164

Source of depth data: Project number: Real time data flag:

Not Reported

Not Reported 0

Daily flow data begin date:

0000-00-00 0000-00-00

Daily flow data end date: 0000-00-00 Peak flow data begin date: 0000-00-00 Daily flow data count: Peak flow data end date:

Peak flow data count:

n

Water quality data begin date: 1978-08-01

Water quality data end date:1981-06-23

Water quality data count:

Ground water data begin date: 1971-09-01

Ground water data count: 3

Ground water data end date: 1978-03-23

Ground-water levels, Number of Measurements: 3

Feet below

Feet to

Feet below

Feet to

Date

Surface Sealevel Date Surface Sealevel

1978-03-23 98.54

1971-09-01 105.00 1971-09-29 104.99

B6 WNW 1/2 - 1 Mile Lower

CA WELLS

CADW40000002447

Longitude:

Latiude:

-117.0239 33.3456

Stwellno:

09S01W31Q001S

Districtco: Welluseco: 3 Z 37

Countyco: Gwcode:

900700

Site id:

CADW40000002447

C7 WNW 1/2 - 1 Mile Lower

FED USGS

USGS3127400

Agency cd: Site name:

USGS

Site no:

332045117013001

Latitude: Longitude: 009S001W31P001S 332045

EDR Site id: Dec lat:

USGS3127400 33.34586657

Dec Ion: Coor accr: Dec latlong datum: -117.02586183 NAD83

Coor meth: Latlong datum: District:

M NAD27 06

State: Country: 06 US

1170130

County: Land net: Map scale: 073 Not Reported Not Reported

Location map: Altitude:

Not Reported 645.00

Interpolated from topographic map

Altitude method: Altitude accuracy:

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 PST

Date inventoried: Not Reported Mean greenwich time offset: Local standard time flag:

Single well, other than collector or Ranney type Type of ground water site:

Aquifer Type:

Not Reported

Aquifer:

Not Reported

91.0

Well depth: Source of depth data: 91.0 Not Reported

Project number:

Not Reported

Daily flow data begin date:

0000-00-00

Real time data flag:

0000-00-00

Daily flow data count:

Hole depth:

Daily flow data end date: Peak flow data begin date: 0000-00-00

Peak flow data end date:

0000-00-00

Peak flow data count:

Water quality data begin date: 0000-00-00

Water quality data end date:0000-00-00

Water quality data count:

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

Feet below Feet to

Date

Surface Sealevel

1971-09-01 46.00

D8 SSE

FED USGS

USGS3127493

1/2 - 1 Mile Lower

Agency cd:

USGS

Site no:

332005117004101

Site name:

010S001W05M005S 332005.4

EDR Site id:

USGS3127493

Latitude: Longitude:

1170041.1

Dec lat: Coor meth: 33.33483333 G

Dec lon: Coor accr: -117.01141667

Latlong datum: District:

NAD83 06 073

Dec latlong datum: NAD83 State: 06 Country: US

County: Land net: Map scale:

Not Reported 24000

Location map: PALA Altitude: 700

Altitude method:

Altitude accuracy:

Interpolated from topographic map

Altitude datum:

National Geodetic Vertical Datum of 1929

Hydrologic:

Not Reported Valley flat

Topographic: Site type:

Ground-water other than Spring Date construction:

19990707

Date inventoried:

20040630 Mean greenwich time offset:

Local standard time flag: Type of ground water site:

Single well, other than collector or Ranney type

Aquifer Type:

Not Reported

Aquifer:

Not Reported

Well depth:

209

PST

200

Source of depth data:

driller

Hole depth:

Project number: Real time data flag:

9677BHM22 Not Reported

Daily flow data begin date: Daily flow data count:

Not Reported Not Reported

Daily flow data end date: Peak flow data begin date: Peak flow data count:

Not Reported Not Reported Not Reported

Peak flow data end date: Water quality data begin date: Not Reported

Not Reported

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

Water quality data count: Ground water data end date:

Not Reported Not Reported

Ground-water levels, Number of Measurements: 0

D9 1/2 - 1 Mile Lower

FED USGS

USGS3127497

Agency cd:

USGS

332006117003501

Site name:

010S001W05L001S

EDR Site id:

Site no:

USGS3127497

Latitude: Longitude: Dec Ion:

332006 1170035 -117.01058372

Dec lat: Coor meth: 33.33503361

Coor accr: Dec latlong datum: S NAD83 06

Latlong datum: District: County:

NAD27 06 073

Country: Location map: US Not Reported 706.00

Land net: Map scale:

Not Reported Not Reported

Altitude:

State:

Altitude method:

Interpolated from topographic map

Altitude accuracy:

National Geodetic Vertical Datum of 1929

Altitude datum: Hydrologic:

San Luis ReyEscondido. California. Area = 766 sq.mi.

Topographic: Site type:

Valley flat

Ground-water other than Spring Date construction:

Hole depth:

Not Reported

Date inventoried:

Not Reported

Mean greenwich time offset:

Local standard time flag:

Source of depth data:

Type of ground water site:

Single well, other than collector or Ranney type

Aquifer Type:

Not Reported Not Reported

Aquifer: Well depth:

200

Not Reported

Not Reported

Daily flow data begin date:

200

Project number: Real time data flag:

Daily flow data end date: 0000-00-00

Daily flow data count:

0000-00-00

Peak flow data begin date: 0000-00-00

Peak flow data end date:

0000-00-00

Peak flow data count: Water quality data end date: 1961-03-08 Water quality data begin date: 1961-03-08

Water quality data count:

Ground water data begin date: 0000-00-00

Ground water data count: 0

Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

D10 SSE 1/2 - 1 Mile Lower

State:

FED USGS

USGS3127498

Agency cd:

USGS

Site no:

332006117003502

Site name: Latitude:

010S001W05M002S 332006

EDR Site id:

USGS3127498

Longitude: Dec lon:

1170035 -117.01058372 Dec lat: Coor meth: 33.33503361

Coor accr: Dec latlong datum:

NAD83 06

Latlong datum: District: County:

М NAD27 06 073

Country: Location map: US Not Reported 700.00

Land net: Map scale:

Not Reported Not Reported

Altitude: Altitude method:

Interpolated from topographic map

Altitude accuracy:

Altitude datum: Hydrologic: Topographic:

National Geodetic Vertical Datum of 1929 San Luis ReyEscondido. California. Area = 766 sq.mi.

Valley flat

Ground-water other than Spring

Date construction:

Not Reported

Site type: Date inventoried:

Not Reported

Mean greenwich time offset:

PST

Local standard time flag:

Type of ground water site:

Single well, other than collector or Ranney type

Aquifer Type:

Not Reported

Aquifer:

Not Reported

Well depth:

200

Source of depth data:

Not Reported Not Reported

Project number: Real time data flag:

Not Reported

Daily flow data end date: Peak flow data begin date:

Not Reported Not Reported

Peak flow data count: Not Reported Water quality data end date:Not Reported

Ground water data begin date: Not Reported Ground water data count: Not Reported

Hole depth:

200

Daily flow data begin date: Daily flow data count:

Not Reported Not Reported

Peak flow data end date:

Not Reported Water quality data begin date: Not Reported

Water quality data count:

Not Reported

Ground water data end date:

Not Reported

Ground-water levels, Number of Measurements: 0

D11

1/2 - 1 Mile Lower

CA WELLS

10022

Water System Information:

Prime Station Code:

10S/01W-05L02 S 3700936001

User ID:

37C

FRDS Number: District Number:

67

County: Station Type: San Diego

Water Type:

Well/Groundwater

Well Status:

WELL/AMBNT/MUN/INTAKE Active Raw

Source Lat/Long: Source Name:

332006.0 1170035.0 WELL 02

Precision:

1,000 Feet (10 Seconds)

System Number:

3700936

System Name:

RANCHO ESTATES MWC

Organization That Operates System:

Not Reported

Pop Served:

Unknown, Small System

Area Served:

Not Reported

Connections:

Unknown, Small System

WNW 1/2 - 1 Mile Lower

Longitude:

-117.0259

Latiude:

33.3459

Stwellno:

09S01W31P001S

Districtco:

3 Z

Welluseco: Countyco:

37

Gwcode:

900700

Site id:

CADW40000002449

SSE 1/2 - 1 Mile Lower

FED USGS

CA WELLS

USGS3127492

CADW40000002449

Agency cd: USGS Site no: 332004117003801 010S001W05M004S Site name: Latitude: 332004 EDR Site id: USGS3127492 Longitude: 1170038 Dec lat: 33.33447806 Dec Ion: -117.01141708 Coor meth: S Latlong datum: NAD27 Coor accr: Dec latlong datum: NAD83 District: 06 State: 06 County: 073 US Country: Land net: Not Reported Location map: Not Reported Not Reported Map scale: Altitude: 700.00 Altitude method: Interpolated from topographic map Altitude accuracy: 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: Type of ground water site: Single well, other than collector or Ranney type Aquifer Type: Not Reported Aquifer: Not Reported Well depth: 231 235 Hole depth: Source of depth data: Not Reported Project number: Not Reported Real time data flag: Daily flow data begin date: 0000-00-00 Daily flow data end date: 0000-00-00 Daily flow data count: Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00 Peak flow data count: Water quality data begin date: 0000-00-00 Water quality data end date:0000-00-00 Water quality data count: 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 Feet below Feet to Date Surface Sealevel

SSE 1/2 - 1 Mile Lower

CA WELLS

CADW40000002351

Longitude: Latiude:

1970-11-01 46.00

-117.0131 33.3336

Stwellno:

10S01W05M001S

Districtco:

3 Z

Welluseco: Countyco:

Gwcode:

37

900700

Site id:

CADW40000002351

E15 SSE 1/2 - 1 Mile Lower

FED USGS

USGS3127483

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: Latlong datum: NAD27 Dec latlong datum: NAD83 District: 06 State: 06 County: 073 US Country: Land net: Not Reported Location map: PALA Map scale: 24000 Altitude: 710.00 Altitude method: Interpolated from topographic map Altitude accuracy: 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: 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: Daily flow data begin date: 0000-00-00 0 Daily flow data end date: 0000-00-00 Daily flow data count: Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00 Water quality data begin date: 1972-09-15 Peak flow data count: Water quality data end date: 1984-09-06 Water quality data count: 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 Feet below Feet to Feet below Feet to Date Surface Sealevel Date Surface 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

1983-10-18 49.35

Note: The site was being pumped.

1983-12-08 4.23

Feet below Feet to Date Surface Sealevel Date			Feet to
	ate	Feet below Surface	Sealevel
1983-08-29 50.37			
Note: The site was being pumped. 1983-07-08 71.22			
Note: The site was being pumped.	000 00 05	4.40	
	983-02-25	4.18	
1982-12-15 6.28 1983-10-10 73-30			
1982-10-19 73.30			
Note: The site was being pumped. 1982-04-13 9.72 19	982-03-02	3 10	
1981-11-25 59.24	302-03-02	3.10	
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.			
Victory and public victor where the second s	981-06-03	24 84	
	981-03-11	1.00	
1981-02-18 9.66	001 00 11	1.00	
Note: A nearby site that taps the same aquifer was being pumped.			
· · · · · · · · · · · · · · · · · · ·	980-12-09	4 62	
1980-11-03 54.62	000 12 00	1.02	
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.			
The state of the s	980-03-31	3.88	
1980-02-05 2.94		0.00	
1979-11-16			
Note: The site was being pumped.			
A STATE OF THE PARTY NAMED AND ADDRESS OF THE PARTY NAMED AND	979-08-14	46.58	
1979-07-18 49.04	0.0 00	.0.00	
1979-06-15 69.55			
Note: The site was being pumped.			
1979-05-08 21.52			
Note: The site had been pumped recently.			
	979-03-22	4.25	
	979-01-04		
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.			
	978-01-26	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.			

Date	Feet below Surface	Feet to Sealevel			Date	Feet below Surface	Sealevel
1977-07-22	95.20						
	e site was being	a pumped.					
1977-06-08		g pampoa.					
	e site was being	a pumped.					
1977-04-22	Contract Contract	g parripou.					
	e site was being	a pumped.					
1977-03-24		3 F F					
Note: The	e site was being	g pumped.					
1977-02-04							
1976-12-17	94.55						
Note: The	e site was being	g pumped.					
1976-11-19	Transfer to the American Co.						
Note: The	e site was being	g pumped.					
1976-10-07	90.97						
Note: The	e site was being	g pumped.					
1976-09-03	94.86						
Note: The	e site was being	g pumped.					
1976-07-29	88.00						
Note: The	e site was being	g pumped.					
1976-06-16	85.69						
Note: The	e site was being	g pumped.					
1976-01-21	80.32						
Note: The	e site was being	g pumped.					
1975-12-09	47.33						
Note: The	e site had been	pumped rec	ently.				
1975-05-22	41.24		-				
Note: A r	earby site that	taps the sam	e aquifer was l	peing pumpe	d.		
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	e site was being	g 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	e site was being	g pumped.					
1968-03-04	96.00						
Note: The	e site was being	g pumped.					
1968-02-20	34.00				1968-02-05	31.00	
1968-01-22	39.00						
1967-06-05	112.00						
Note: The	e site was being	g pumped.					
1967-05-15					1967-05-03	30.00	
1967-04-25	94.00						
Note: The	e site was being	g pumped.					
1967-04-18	44.00	pd)			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					2240 22 12	
Note: The	e site was being	g pumped.					
1964-07-11	94.42	enament col					
Note: The	e site was being	g pumped.					
1964-06-20	94.00						

Note: The site was being pumped.

Map ID Direction Distance Elevation Database EDR ID Number F16 WNW **FED USGS** USGS3127429 1/2 - 1 Mile Lower Agency cd: USGS Site no: 332054117013501 Site name: 009S001W31L001S Latitude: 332054 EDR Site id: USGS3127429 Longitude: 1170135 Dec lat: 33.3483665 Dec Ion: -117.02725074 Coor meth: M Coor accr: 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: Altitude datum: National Geodetic Vertical Datum of 1929 San Luis ReyEscondido. California. Area = 766 sq.mi. Hydrologic: 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: 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: 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: Water quality data begin date: 1964-06-19 Water quality data end date:1981-06-23 Water quality data count: 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 Feet below Feet to Surface Date Sealevel 1967-02-01 14.00

F17 WNW 1/2 - 1 Mile

CA WELLS

CADW40000002474

Lower Longitude:

Longitude: -117.0273
Latiude: 33.3484
Stwellno: 09S01W31L001S

Stwellno: 09S0
Districtco: 3
Welluseco: Z

Welluseco: Z
Countyco: 37
Gwcode: 900700

Site id: CADW4000002474

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: District Number:

67

3700934001

County:

San Diego

Water Type:

Well/Groundwater

Station Type: Well Status:

WELL/AMBNT/MUN/INTAKE

Source Lat/Long:

331955.0 1170039.0

Active Raw

Source Name:

WELL 04 WESTERN 3700934

Precision:

100 Feet (one Second)

System Number:

System Name:

PAUMA VALLEY MWC

Organization That Operates System:

Not Reported

Unknown, Small System Connections:

Unknown, Small System

Pop Served: Area Served: Sample Collected:

Not Reported 06/28/2011

Findings:

35.6 MG/L

Chemical:

NITRATE (AS NO3)

27.6 MG/L

Sample Collected:

Chemical:

08/26/2011 NITRATE (AS NO3)

NITRATE (AS NO3)

NITRATE (AS NO3)

Findings:

Sample Collected:

09/29/2011

Findings:

33.4 MG/L

Chemical: Sample Collected:

10/28/2011

Findings:

27.1 MG/L

Sample Collected:

Chemical:

10/31/2011

Findings:

11.6 MG/L

Chemical:

NITRATE (AS NO3)

Sample Collected: Chemical:

10/31/2011 COLOR

Findings:

1. UNITS

Sample Collected:

10/31/2011

Findings:

830. US

Chemical:

10/31/2011

Sample Collected: Chemical:

PH, LABORATORY

Findings:

7.21

Sample Collected:

10/31/2011

Findings:

Chemical:

ALKALINITY (TOTAL) AS CACO3

HARDNESS (TOTAL) AS CACO3

SPECIFIC CONDUCTANCE

148. MG/L

Sample Collected: Chemical:

BICARBONATE ALKALINITY

Findings:

148. MG/L

Sample Collected:

10/31/2011

Findings:

291. MG/L

Chemical: Sample Collected:

10/31/2011 CALCIUM

Findings:

82. MG/L

Chemical: Sample Collected:

10/31/2011 MAGNESIUM Findings:

25. MG/L

Chemical: Sample Collected:

Chemical:

10/31/2011 SODIUM

Findings:

41. MG/L

Sample Collected: 10/31/2011 Findings: 4.8 MG/L Chemical: **POTASSIUM** Sample Collected: 10/31/2011 119. MG/L Findings: 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 TURBIDITY, LABORATORY Chemical:

1/2 - 1 Mile Lower

FED USGS USGS3127471

USGS 331954117003801 Agency cd: Site no: Site name: 010S001W05N001S EDR Site id: USGS3127471 Latitude: 331954 Longitude: 1170038 Dec lat: 33.33170035 -117.01141712 Dec Ion: Coor meth: Latlong datum: NAD27 Coor accr: S NAD83 Dec latlong datum: District: 06 State: County: 073 06

Country: US Land net: Not Reported Location map: Not Reported Not Reported Map scale:

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

Ground-water other than Spring Date construction: Site type: Not Reported Date inventoried: Not Reported Mean greenwich time offset: PST

Local standard time flag:

Type of ground water site: Single well, other than collector or Ranney type

Aquifer Type: Not Reported

Aquifer: Not Reported

Well depth: 107 107 Hole depth:

Source of depth data: Not Reported Project number: Not Reported

Real time data flag: Not Reported Not Reported Daily flow data begin date: 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 Not Reported Peak flow data count: Water quality data begin date: Not Reported Water quality data end date: Not Reported Water quality data count: Not Reported Ground water data end date: Ground water data begin date: Not Reported Not Reported

Ground water data count: Not Reported

Ground-water levels, Number of Measurements: 0

stance evation			Database	EDR ID Numbe
20 SE	0		FED USGS	USGS3127467
2 - 1 Mile			e "a"	
ower				
Agency cd:	USGS	Site no:	33195311700400	1
Site name:	010S001W05N002S			ű.
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 ma	ap		
Altitude accuracy:	10	•		
Altitude datum:	National Geodetic Vertical Datum	n of 1929		
Hydrologic:	San Luis ReyEscondido. Californ	nia. Area = 766 sq.mi.		
Topographic:	Valley flat	2 /2		
Site type:	Ground-water other than Spring	Date construction:	19630101	
Date inventoried:	Not Reported	Mean greenwich time offset:	PST	
Local standard time flag:	Y	7. (1.0	
Type of ground water site:	Single well, other than collector of	or Rannev type		
Aquifer Type:	Not Reported			14.7%
Aquifer:	Not Reported			
Well depth:	190	Hole depth:	Not Reported	
Source of depth data:	Not Reported	See 1	The self	
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:		Peak flow data end date:	0000-00-00	
Peak flow data count:	0	Water quality data begin date:		
Water quality data end date		Water quality data count:	2	
Ground water data begin da		Ground water data end date:	0000-00-00	
	0	Cround Water data ond date.	0000 00 00	
ordana mator data dodni.				
Ground-water levels, Numb	per of Measurements: 0			
	o. o. mododromonto. o			

SSE 1/2 - 1 Mile Lower
Longitude: -117.0114

33.3309

 Stwellno:
 10S01W05N003S

 Districtco:
 3

 Welluseco:
 Z

 Countyco:
 37

 Gwcode:
 900700

Latiude:

Site id: CADW4000002333

Map ID Direction Distance Database EDR ID Number Elevation G22 SSE **FED USGS** USGS3127458 1/2 - 1 Mile Lower Agency cd: USGS Site no: 331951117003801 010S001W05N003S Site name: 331951 EDR Site id: USGS3127458 Latitude: Longitude: 1170038 Dec lat: 33.33086704 Dec Ion: -117.01141713 Coor meth: M Coor accr: Latlong datum: NAD27 Dec latlong datum: NAD83 District: 06 073 State: 06 County: Country: US Land net: Not Reported Not Reported Location map: Not Reported Map scale: 700.00 Altitude: Altitude method: Interpolated from topographic map Altitude accuracy: Altitude datum: National Geodetic Vertical Datum of 1929 San Luis ReyEscondido. California. Area = 766 sq.mi. Hydrologic: Topographic: Valley flat Site type: Ground-water other than Spring Date construction: 19640101 Not Reported Date inventoried: Mean greenwich time offset: PST Local standard time flag: 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: 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 Water quality data begin date: 0000-00-00 Peak flow data count: Water quality data end date:0000-00-00 Water quality data count: 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 Feet below Feet to Date Surface Sealevel 1964-11-01 0.00

H23 SSE 1/2 - 1 Mile Lower

CA WELLS

CADW40000002328

Longitude: -117.01 33.3303 Latiude: Stwellno: 10S01W05P001S Districtco:

Welluseco: Z Countyco: 37 900700 Gwcode:

CADW40000002328 Site id:

Map ID Direction Distance				
Elevation			Database	EDR ID Number
24 NNW 1/2 - 1 Mile Higher	1		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	364 a a)
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	Map coalc.	Horrioportoa	
Altitude method:	Interpolated from topographic ma	an a sa s		
Altitude accuracy:	10	.		
Altitude datum:	National Geodetic Vertical Datum	of 1929		
Hydrologic:	San Luis ReyEscondido. Californ			
Topographic:	Not Reported	na. 7 110a 7 00 0q.1711.		
Site type:	Ground-water other than Spring	Date construction:	19300101	
Date inventoried:	Not Reported	Mean greenwich time offset:	PST	
Local standard time flag:	Y	Moun groonwion anto onoca		
Type of ground water site:	Single well, other than collector of	or Ranney type		
Aquifer Type:	Not Reported	rainey type		
Aguifer:	Not Reported			
Well depth:	700	Hole depth:	Not Reported	
Source of depth data:	Not Reported	Hole depth.	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:		Peak flow data count. Peak flow data end date:	Not Reported	
Peak flow data count:	Not Reported	Water quality data begin date:		
Water quality data end date		Water quality data begin date. Water quality data count:	Not Reported	
Ground water data begin da	· · · · · · · · · · · · · · · · · · ·	Ground water data end date:	Not Reported	
Ground water data begin do	Not Reported	Ground water data end date.	Not reported	
Glound water data count.	Not Reported			
Ground-water levels, Numb	per of Measurements: 0		in a c	
				-

H25 SSE 1/2 - 1 Mile Lower

CA WELLS

CADW4000002329

 Longitude:
 -117.0089

 Latiude:
 33.3306

 Stwellno:
 10S01W05P006S

 Districtco:
 3

 Welluseco:
 Z

 Welluseco:
 Z

 Countyco:
 37

 Gwcode:
 900700

Site id: CADW4000002329

Map ID Direction										
Distance Elevation	r .						Database	В	EDR ID Numbe	er
H26 SSE 1/2 - 1 Mile Lower	6	40.)	FED USGS	8	USGS3127453	
Agency cd:		USGS	Site no:			33194	191170033	01		
Site name:		010S001W05P001S								
Latitude:		331949	EDR Site	id:		USGS	3127453			
Longitude:		1170033	Dec lat:				03115			
Dec Ion:		-117.0100282	Coor met	h:		M				
Coor accr:		S	Latlong da	atum:		NAD2	27			
Dec latlong da	atum:	NAD83	District:			06				
State:		06	County:			073				
Country:		US	Land net:			Not R	eported			
Location map:		Not Reported	Map scale				eported			
Altitude:	•	705.00	wap ooak	J.		110111	оронов			
Altitude metho	od.	Interpolated from topographic ma	an							
Altitude accura		10	up.							
Altitude datum		National Geodetic Vertical Datum	n of 1929							
Hydrologic:	1.	San Luis ReyEscondido. Californ		766 ca mi						
Topographic:		Valley flat	iia. Aica –	700 34.1111.						
Site type:		Ground-water other than Spring	Date cons	etruction:		19590	101			
and a B 1	iod:	Not Reported		enwich time	offcot:	PST	7101			
Date inventori		Y	weari gre	enwich ume	onset.	FOI				
Local standard			or Donnov t	hmo						
Type of groun		Single well, other than collector of	or Ranney i	уре						
Aquifer Type:		Not Reported								
Aquifer:		Not Reported	11-1-1-1-1	u		N-4 D	Landard .			
Well depth:		340	Hole dept	ın:		NOT R	eported			
Source of dep		Not Reported								
Project number		Not Reported					00.00			
Real time data	_	0	The second secon	data begin o	date:		00-00			
Daily flow data		0000-00-00	•	data count:	a a	0				
Peak flow data	0	0000-00-00		data end da			-00-00			
Peak flow data		0		ality data beg			04-20			
Water quality			100	ality data cοι		1				
		ate: 1990-03-21	Ground w	vater data en	d date:	1992-	12-17			
Ground water	data count:	10								
		er of Measurements: 10								
	Feet below	Feet to	-		Feet be		Feet to			
Date	Surface	Sealevel		Date	Surface		Sealevel			
1991-12-18 1991-09-24	66.88 68.40 site was being	numned	1	1992-03-17	40.85					
1991-06-19 Note: A nea 1991-03-28 1990-09-17	75.95 arby site that t 34.34	aps the same aquifer was being p		1990-12-20	63.06					
1990-06-13 Note: A nea 1990-03-21	40.35 arby site that t 34.98	aps the same aquifer was being p		onthy						

Note: A nearby site that taps the same aquifer had been pumped recently.

Map ID Direction Distance				
Elevation	v .A.		Database	EDR ID Number
27 SSE 1/2 - 1 Mile			FED USGS	USGS3127455
Lower				
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 ma	nn .		
Altitude accuracy:	10			
Altitude datum:	National Geodetic Vertical Datum	of 1929		
Hydrologic:	San Luis ReyEscondido. Californ		1 / w 1 / w	
Topographic:	Flat surface	ia. 7110a — 700 3q.iii.		
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	Wear greenwich time onset.	101	
Type of ground water site:	Single well, other than collector of	r Panney type		
Aquifer Type:	Not Reported	realiney type		
Aquifer:	Not Reported			
Well depth:	Not Reported	Hole depth:	Not Reported	
Source of depth data:	Not Reported	Hole deptil.	Not Reported	
Project number:	Not Reported			
Real time data flag:	0	Deily flavordate basis datas	0000 00 00	
Daily flow data end date:	0000-00-00	Daily flow data begin date: Daily flow data count:	0000-00-00	
Peak flow data begin date:	0000-00-00	Peak flow data count:	0000-00-00	
Peak flow data begin date:	0			
The state of the s		Water quality data begin date:		
Water quality data end date		Water quality data count:	0	
Ground water data begin da		Ground water data end date:	1971-11-01	
Ground water data count:	1			

Ground-water levels, Number of Measurements: 1

Feet below Feet to
Date Surface Sealevel

1971-11-01 54.00

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
		A
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% 100%	0% 0%	0% 0%
Living Area - 2nd Floor Basement	0.400 pCi/L 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

AQUIFLOWR 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

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, California Earthquake 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



Certified Sanborn® Map Report

4/10/12

Site Name:

Client Name:

Shadow Run Ranch Highway 76

Pauma Valley, CA 92061

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

EDR Inquiry # 3300179.3

Contact: Jon Cain



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Petra Geotechnical Inc were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn 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:

Certification #

P.O. #

174-12

Project:

Shadow Run Ranch 97CA-485B-A77B

UNMAPPED PROPERTY

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



Sanborn® Library search results Certification # 97CA-485B-A77B

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

Library of Congress

University Publications of America

EDR Private Collection

The Sanborn Library LLC Since 1866™

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Shadow Run Ranch

Highway 76 Pauma Valley, CA 92061

Inquiry Number: 3300179.4

April 10, 2012

EDR Historical Topographic Map Report



EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. 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.

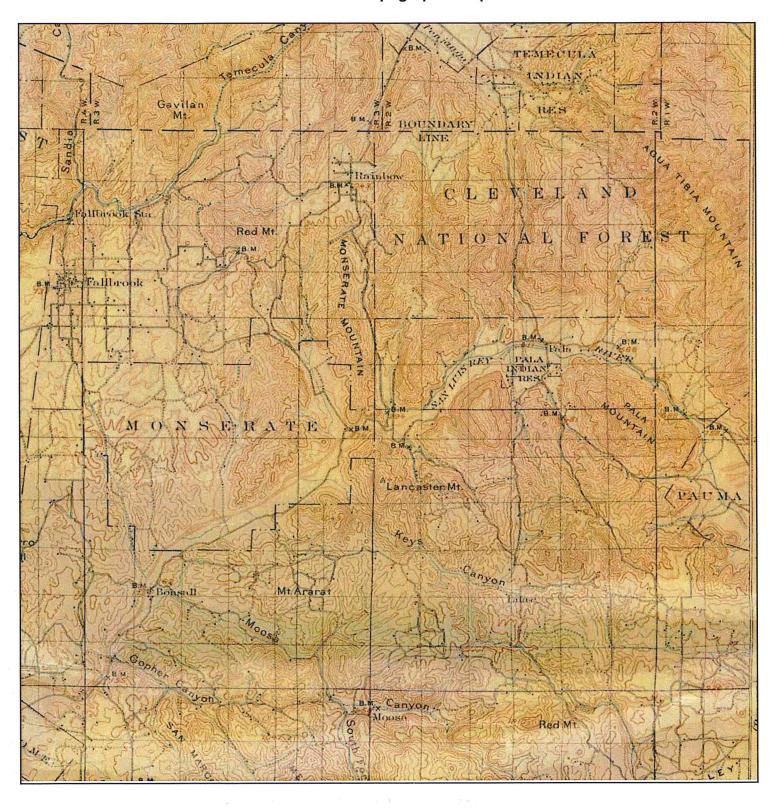
Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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N T TARGET QUAD

NAME: SAN LUIS REY

MAP YEAR: 1901

SERIES:

SCALE:

30 1:125000 SITE NAME: Shadow Run Ranch

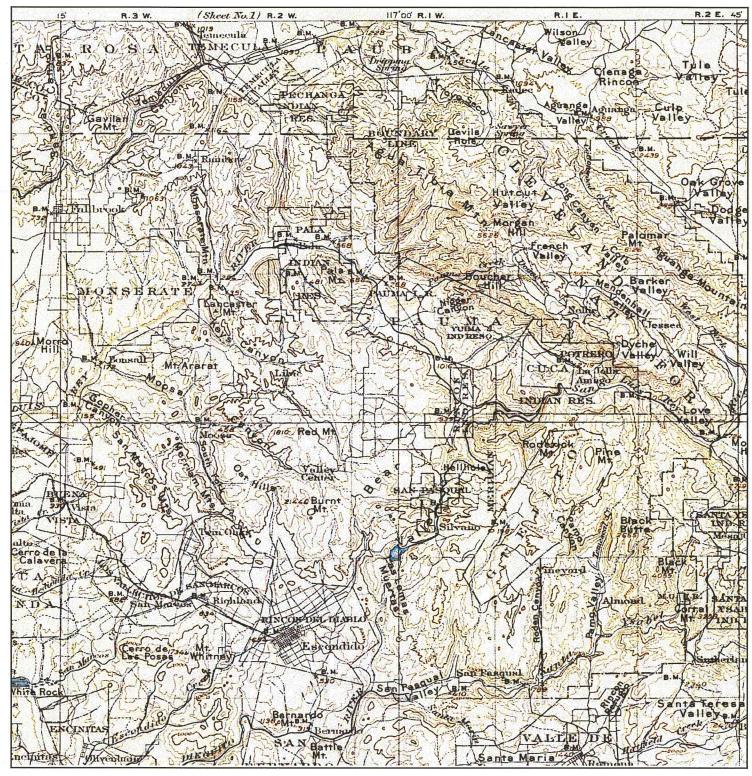
ADDRESS: Highway 76

Pauma Valley, CA 92061

LAT/LONG: 33.3428 / -117.0164

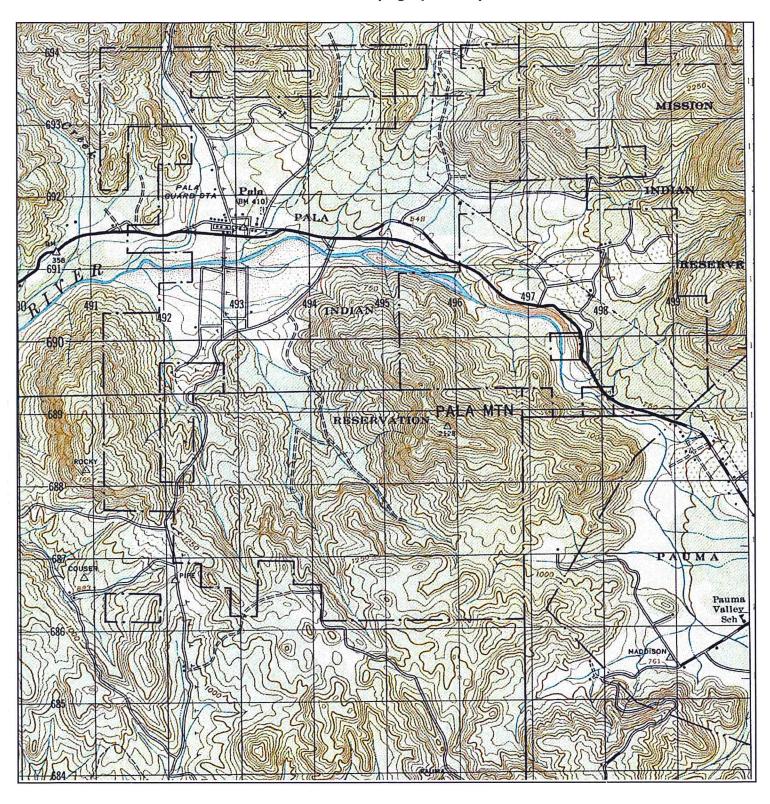
CLIENT: Petra Geotechnical Inc

CONTACT: Jon Cain INQUIRY#: 3300179.4 RESEARCH DATE: 04/10/2012



Unsurveyed Area on the Topographic Map

TARGET QUAD SITE NAME: Shadow Run Ranch CLIENT: Petra Geotechnical Inc NAME: SOUTHERN CA SHEET 2 ADDRESS: Highway 76 CONTACT: Jon Cain MAP YEAR: 1904 Pauma Valley, CA 92061 INQUIRY#: 3300179.4 LAT/LONG: 33.3428 / -117.0164 RESEARCH DATE: 04/10/2012 SERIES: 60 SCALE: 1:250000



TARGET QUAD

NAME: **TEMECULA**

MAP YEAR: 1947

SERIES:

SCALE:

15 1:50000

SITE NAME: Shadow Run Ranch

ADDRESS: Highway 76

Pauma Valley, CA 92061

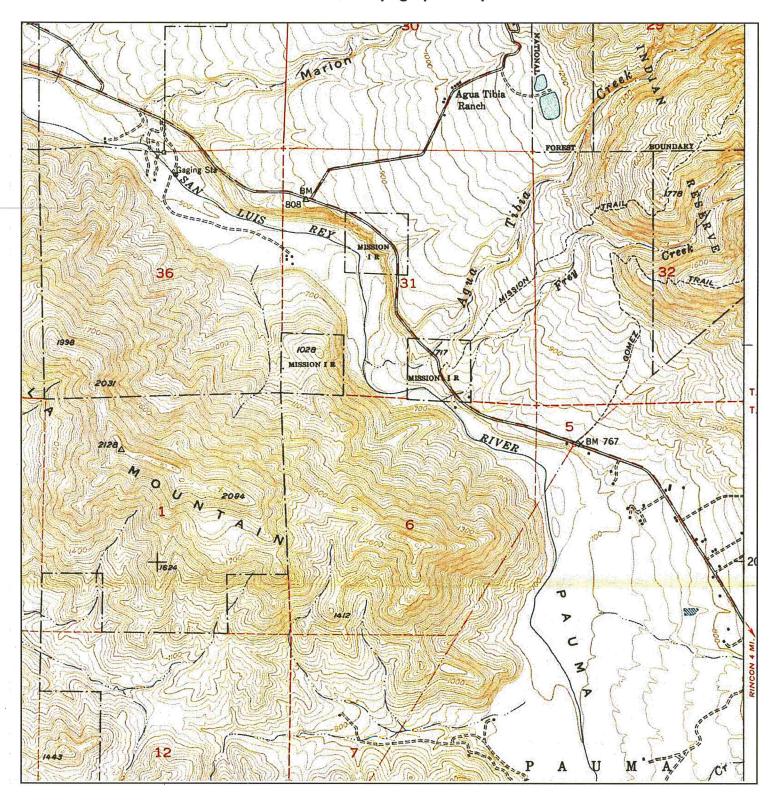
LAT/LONG: 33.3428 / -117.0164 CLIENT:

Petra Geotechnical Inc

CONTACT: INQUIRY#:

Jon Cain 3300179.4

RESEARCH DATE: 04/10/2012



TARGET QUAD NAME: **PALA** MAP YEAR: 1950

SERIES: 7.5

SCALE:

1:24000

SITE NAME: Shadow Run Ranch

Highway 76 ADDRESS:

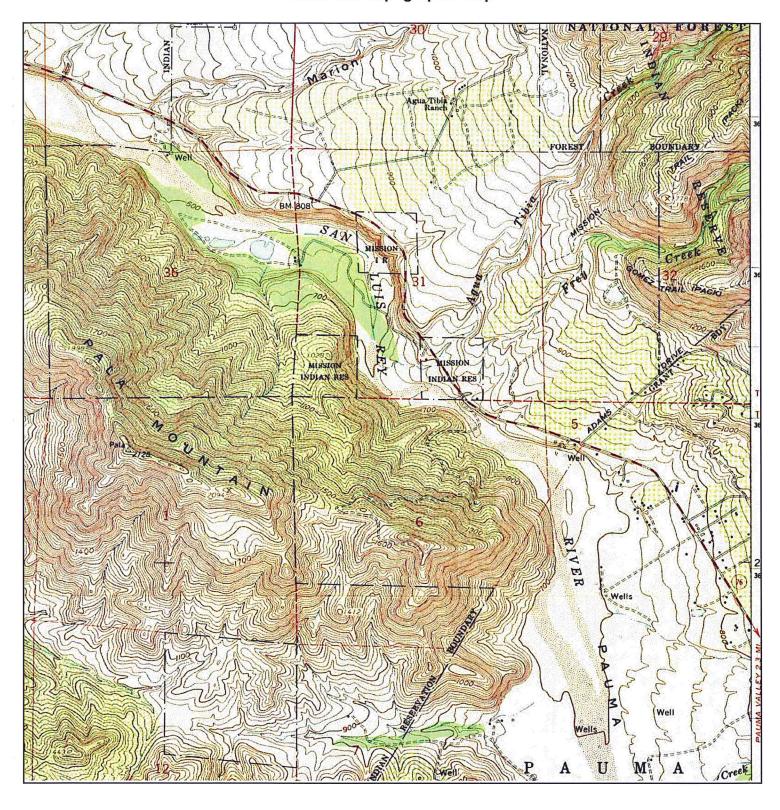
Pauma Valley, CA 92061

LAT/LONG: 33.3428 / -117.0164 CLIENT:

Petra Geotechnical Inc

CONTACT: Jon Cain INQUIRY#: 3300179.4

RESEARCH DATE: 04/10/2012



TARGET QUAD NAME: **PALA**

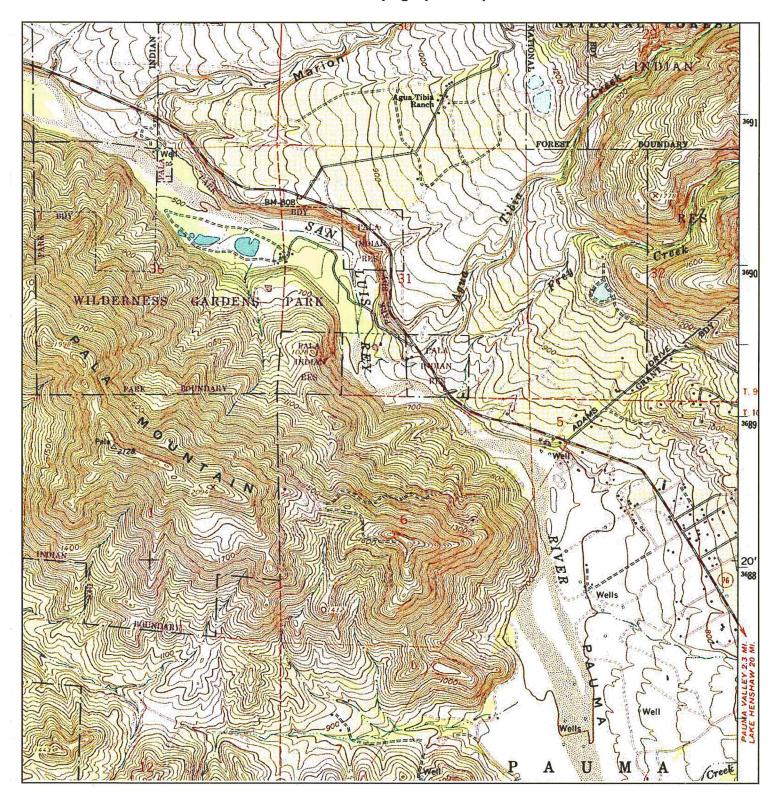
MAP YEAR: 1968

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



TARGET QUAD

NAME: PALA MAP YEAR: 1982

PHOTOREVISED FROM: 1968

SERIES: 7.5 SCALE: 1:24000

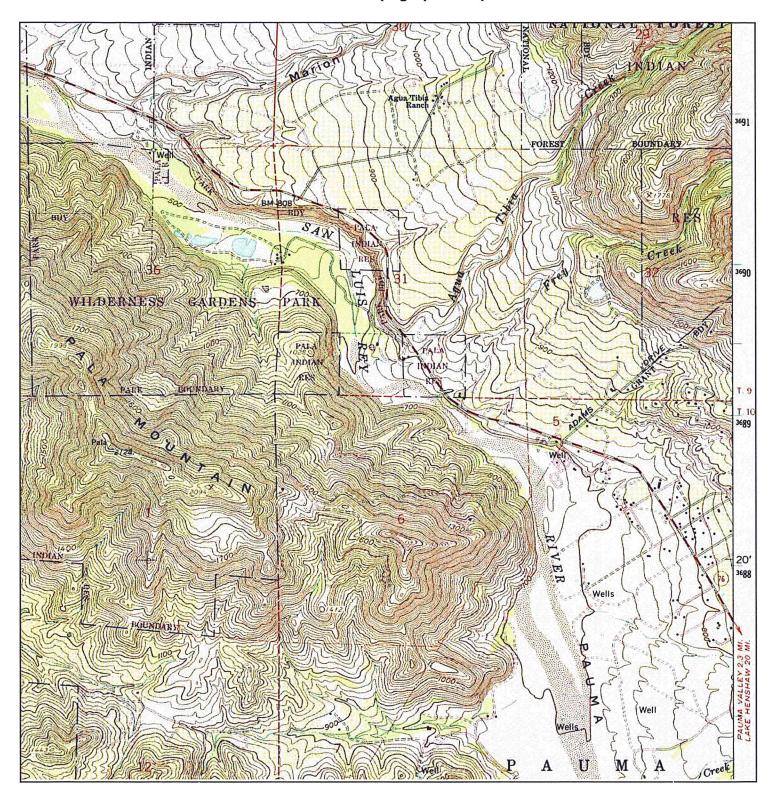
SITE NAME: Shadow Run Ranch

ADDRESS: Highway 76

Pauma Valley, CA 92061

LAT/LONG: 33.3428 / -117.0164 CLIENT: Petra Geotechnical Inc

CONTACT: Jon Cain 3300179.4 INQUIRY#: RESEARCH DATE: 04/10/2012



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 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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Thank you for your business.
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Date EDR Searched Historical Sources:

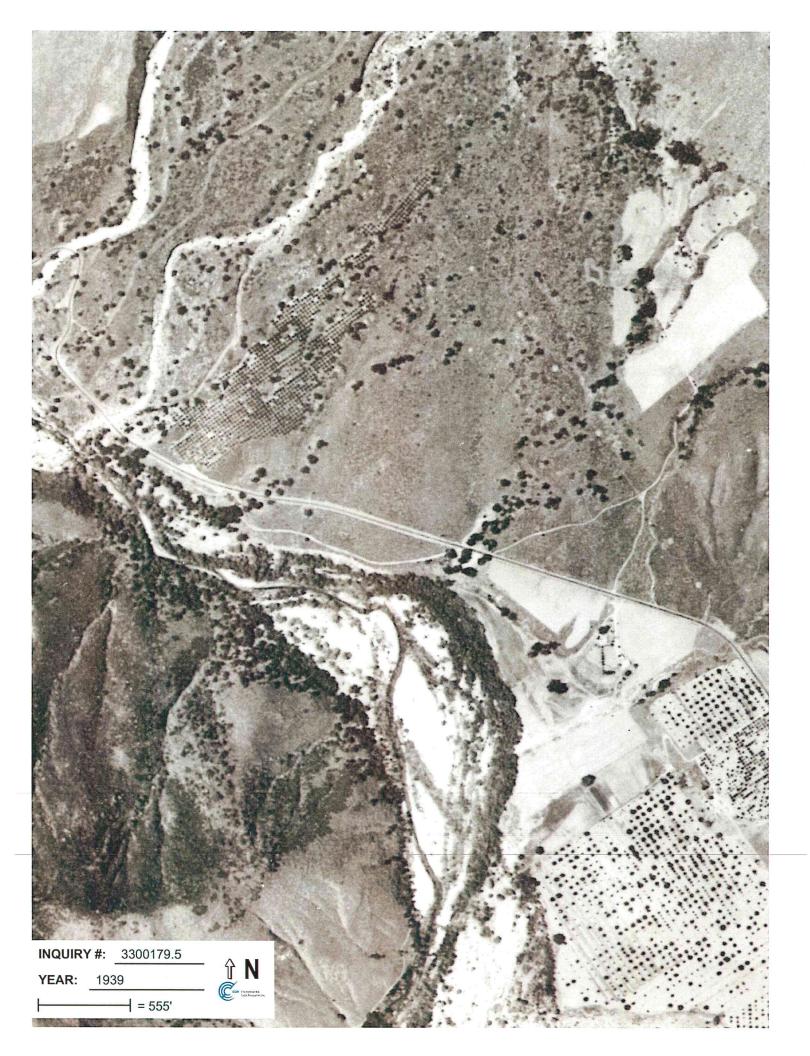
Aerial Photography April 11, 2012

Target Property:

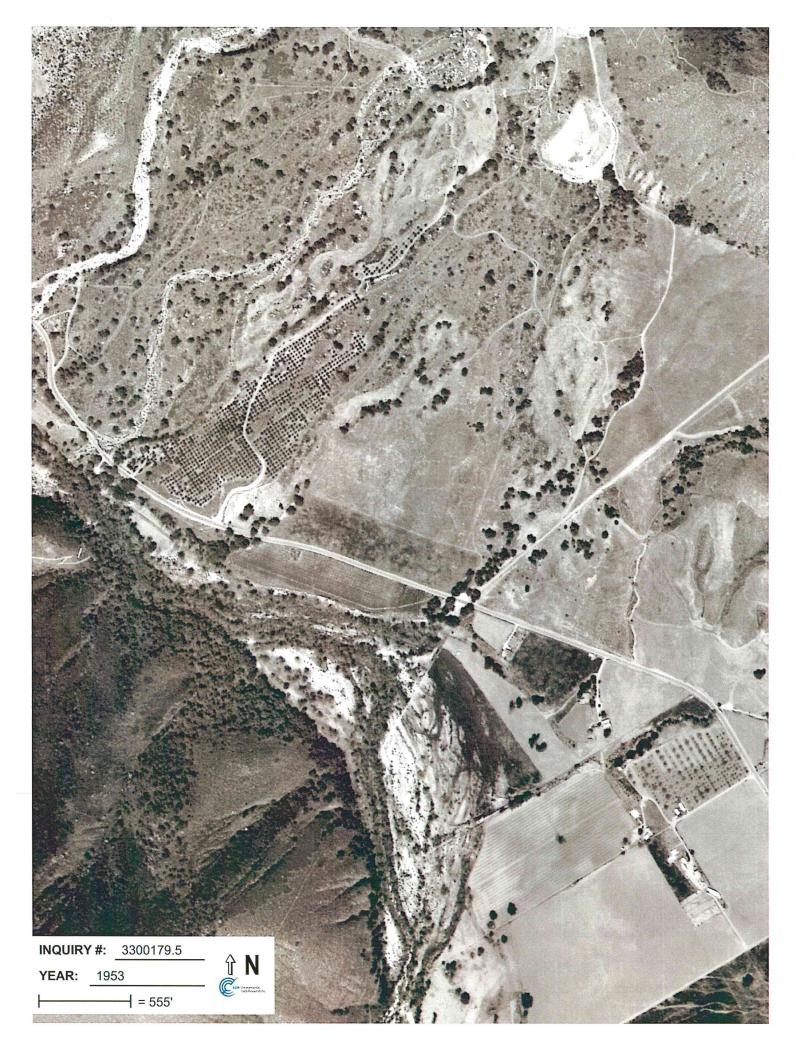
Highway 76

Pauma Valley, CA 92061

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
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







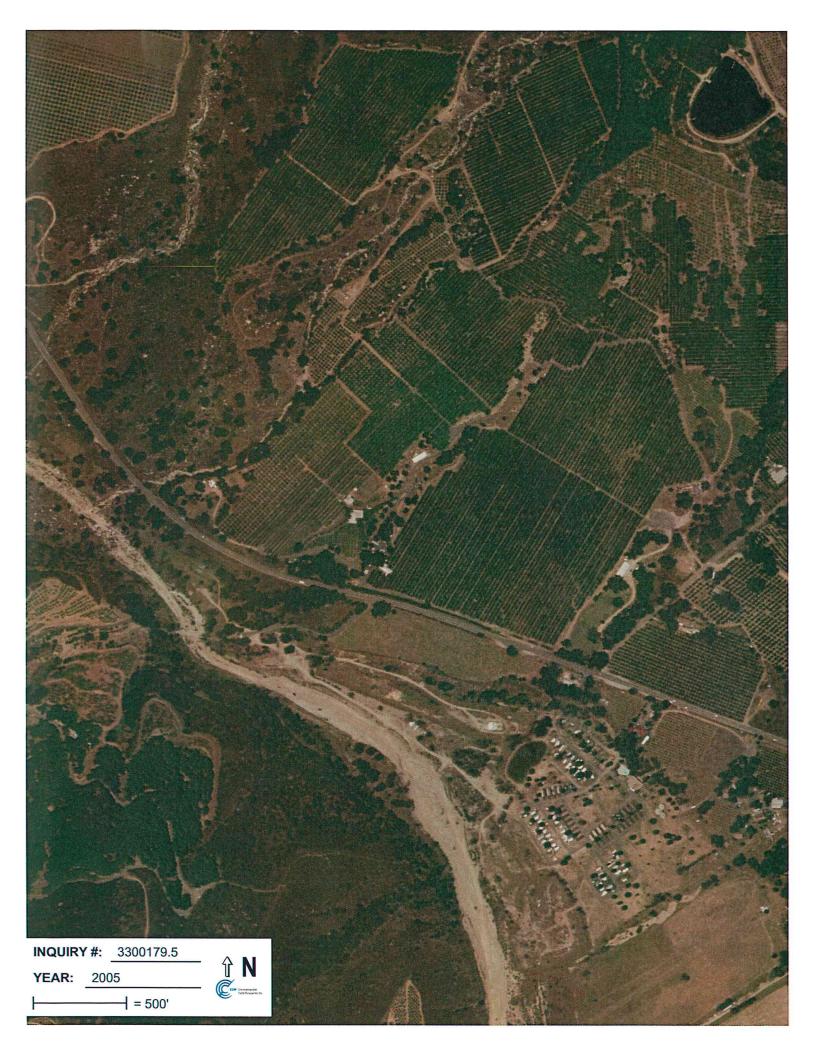








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Shadow Run Ranch

Highway 76 Pauma Valley, CA 92061

Inquiry Number: 3300179.6

April 13, 2012

The EDR-City Directory Image Report



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SECTION

Executive Summary

Findings

City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

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

RESEARCH SUMMARY

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

<u>Year</u>	Target Street	Cross Street	Source
2001	$\overline{\checkmark}$		Haines Criss-Cross Directory
1994	$\overline{\mathbf{A}}$		Haines Criss-Cross Directory
1988	$\overline{\checkmark}$		Haines Criss-Cross Directory
1980	\square		Haines Criss-Cross Directory
1975			Haines Criss-Cross Directory
1970	\square		Haines Criss-Cross Directory

RECORD SOURCES

EDR is licensed to reproduce certain City Directory works. Reproduction of City Directories without permission of the publisher may be a violation of copyright.

FINDINGS

TARGET PROPERTY STREET

Highway 76 Pauma Valley, CA 92061

<u>Year</u>	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

Page 2

FINDINGS

CROSS STREETS

No Cross Streets Identified

Page 3

City Directory Images

Highway 76

NO#	LUGO Beverly	760-742-1627	-
NO#	MCCAMENT Leroy D Jr	760-742-3802	
NO#	RODRIGUEZ Emest P	760-742-1551	
NO#	ROMERO Nicholas YARGER M N	760-742-3055	
NO#	YARGERMN	760-742-3212	
	4 BUS 19 RES	3 NEW	
70 de 1878 il 1880 il	′ 76 92061 MA VALLEY		
14715	APARTMENTS		
	CAMCHE William		
	CARDINAL Linette M		+1
	CERVANTES Cesareo	AND THE COURT OF THE PERSON NAMED IN COURT OF	100 A
	CHENARD Lara P	760-742-0362	+1
		760-742-0029	798
	DELATORRE Mana	760-742-0029	0.0
		760-742-1137	+1
	GRANT Clancy S	760-742-0086	+1
	* PAUMA VALLEY RV RESORT	760-742-3755	C
	* RANCHO CORRIDO CAMPGROUND	760-742-3755	
	TAPIA Teresa	760-742-3208	+1
	TARVER Julie	760-742-1163	+1
	ADAMS Betsy	760-742-3614	
14858	● VELASQUEZ Mario	00	¢
14896	●CUEVA Alfonso	760-742-1189	4
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7 58 7 58	BIEBER Brett J	760-742-2402	+1
		The fact of the same of the same	
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	GARCIA Azalia		
15004	GARCIA Azalia MONTES Salvador	760-742-1491	9 0 2

Highway 76

	JMA VALLEY		
14715	RANCHO CORRIDO APTS		
	BROWN Edward J	742-3675	+4
	CASTREJON Javier	742-3538	
	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	ill N
	MARTONE Elizabeth D	742-1731	
	MCGRAW Thomas	742-4269	+4
	* RANCHO CORRIDO	742-3755	
14715.		1. 刘·秦·集·公	
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	
15004	CUEVA Maria	742-4534	2
	 CUEVA Martha 	742-1807	
	 CUEVA Servando 	742-1807	
15016	XXXX	00	

Highway 76

	76 92061	
PAUM	A 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
1	SONZALEZ Salvador	742-3010 3
	EONHARDT Gerald	742-1385 +8
	EONHARDT Kenna	742-1385 +8
*1	RANCHO CORRIDO	742-3755 4
	SERRUTA A	742-3587 +8
	SWITZER L	742-3587 +8
	NINCAPAW R C	742-1664 5
14715	• • • • • • • • • • • • • • • • • • •	F1010011
14729	RICHARDS Greg L	742-1419 +B
14756	XXXX	00

Haines Criss-Cross Directory

Highway 76

VALI	76 92061 PAU EY	/W/A
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 B
15175	XXXX	00
15265	BOOTH J C	742-1442 +0
15491	WALKER JOE	742-3544 9
15950	CORTEZ ALEJANDRO	742-3295 9

Haines Criss-Cross Directory

Highway 76

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NO	#	AL	V	ARI	EZ	T		Д					A	74	7	- 2	7	35	
NO	#	AN	DI	ER!	501	N	D	OU	G	LA	15			74	6	- 3	3	20	
NO	#	AN	DI	ER!	501	V	0	K	E	MP	E	A		74	. 2	- 3	4	26	
NO	#	AR	M!	STA	10	٧G		FA	A	NC	E	S	S	74	2	- 3	2	21	
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NO	ø	AU	5	TIP	4 1	4	H								Control of		- Links	26	

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	M	ARMSTRONG FRANCES	5742-3221
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 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:	X
OTHER ACTI	VITY AND USE	LIMITATIONS (AUL	.s)
Found:		Not Found:	X

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

DOC# 2005-1121185

DEC 30, 2005

1:40 PM

N.D.

OFFICIAL RECORDS SAN DIEGO COUNTY RECORDER'S OFFICE GREGORY J. SMITH, COUNTY RECORDER

FEES: 64.00 OC: AFNF

PAGES:

AFNF 10

TAX:



2005-1121185

MAIL TAX STATEMENTS TO:

Sherrill Ann Schoepe Revocable Trust P.O. Box 572 Pauma Valley, California 92061 (Space above provided for Recorder)

DOCUMENTARY TRANSFER TAX \$\frac{NON-DISCLOSURE}{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.

18077

SUBJECT TO: Covenants, conditions, restrencumbrances of record.	ictions, reservations, rights of way, easements and
	SCHOEPE ENTERPRISES L.P., a California limited partnership
	By: SRT RESOURCES DEVELOPMENT, INC., a California corporation, General Partner
	By: Moket Mulisand Jacket RÖBERT ANDERSONSCHOEPE, President
<u>ACKNO</u>	WLEDGMENT
STATE OF CALIFORNIA)	
) ss. COUNTY OF ORANGE)	•
satisfactory evidence) to be the person(s) whose acknowledged to me that he/she/they executed	personally known to me (or proved to me on the basis of name(s) is/are subscribed to the within instrument and the same in his/her/their authorized capacity(ies), and ent, the person(s), or the entity upon behalf of which the
WITNESS my hand and official seal.	LISA M. HOGGATT Comm. # 1590884 NOTARY PUBLIC CALIFORNIA O Orange County My Comm. Expires June 24, 2009
Signature Kisa M. Hoggatt	(This area for official notarial seal)

SCHOEPE\DEED3A.DOC

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 DALEY, 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 LOTLINE 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 Building Permit Report: Search Documentation

4/10/12

Site Name:

Client Name:

Shadow Run Ranch Highway 76

Pauma Valley, CA

Petra Geotechnical Inc 3190 Airport Loop Drive

Costa Mesa, CA 92626-0000

EDR Inquiry # 3300179.11

Contact: Jon Cain



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.





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APPENDIX D

INTERVIEWS



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 Brive
B.	INTERVIEW INFORMATION
	Date/Time: 4 23 12
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?
	No If not, who does?Phone Number:
3.	Do you have a good knowledge regarding the activities/processes conducted at the property?
	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

To your knowledge, are there: Hazardous substances present on the site?			
Hazardous substances present on the site?			
Hazardolic clingrances present on the cite?			,
			□Y ₀
Petroleum products present on the site?			XX
If the preceding items are present, are there indications	of any of the f	following	ζ:
An existing release?			
A past release?			□Ye
A threat of their release?			\Box Y
If yes to any of the above, please describe:			· · · · · · · · · · · · · · · · · · ·
Are you aware of the presence of any of the follow property or any nearby properties:	ing either cur	rently o	r previously
Potential Recognized Environmental Conditions	Si	te	Adjacent
Hazardous substances?	The state of the s	No	☐ Yes ☐ N
Petroleum products?	X Yes	□ No	☐ Yes ☐ N
Chemicals?		□No	☐ Yes ☐ N
Asbestos or asbestos-containing materials?		No	☐ Yes ☐ N
Lead-based paints?		No	☐ Yes ☐ N
Underground storage tanks?	□Yes	X No	☐Yes ☐N
Above-ground storage tanks?	Yes	□No	☐ Yes ☐ N
Oil Wells?		No	☐Yes ☐N
Sumps?	□Yes	□No	□Yes □N
If yes to any of the above, please describe: Incide Smudge pots may have transport / use in the Are you aware of any current or previous uses of the suggest the presence of the foregoing items, substances,	e Spille past property or r , or materials?	d d nearby p	No
If yes to any of the above, please describe:	And the second s		
If yes to any of the above, please describe:	· National Action		

		IRE	Page 3
o your knowledge, are there any utility corridors on th	e proper	ty?	☑ Yes □ No
f yes to any of the above, please describe:	ping	av	ailable upon
request)	
o your knowledge, are you aware of any of the following	ing on th	e prope	rty:
larifiers? DYes DNo Under		rrigatio	□Yes ⋈No n Systems? ⋈Yes □No
fyes to any of the above, please describe: Wells where it is distributed via to groves.	pum	w gr	ater to reserve
where it is distributed via	the	. unc	lerground syst
to groves.			
Are there any occupants on the property?			Ç es □No
		1	110
f yes to any of the above, please describe: Ewp	loye	5	ive of the
f yes to any of the above, please describe: Ewp	loye	<u> </u>	we of the
Do you have good knowledge regarding the identity or poperty?			illinara de ancade il carego de accione e a como de del proposito de la como de del proposito de la como de de
Property? Oo you have good knowledge regarding the identity or operty? Yes	of any e	xisting	documents relating to the
Do you have good knowledge regarding the identity of property? EYes No If not, who does? To your knowledge, do any of the following documents f yes, please name the document and comment upon w	of any e Phone exist wi	Numb	documents relating to the er: ect to the subject property? lable for review.
Do you have good knowledge regarding the identity or operty? Yes No If not, who does? To your knowledge, do any of the following documents of yes, please name the document and comment upon w	of any e	xisting Numb	documents relating to the er:ert to the subject property?
Do you have good knowledge regarding the identity of roperty? Yes No If not, who does? To your knowledge, do any of the following documents f yes, please name the document and comment upon w Document Environmental site assessment reports?	of any e Phone exist wi	xisting Numb th respires avail	documents relating to the er: ect to the subject property? lable for review.
Property? Yes No If not, who does? Yes, please name the document and comment upon we be a seem of the point of the poin	Phone exist withether it	Numb	documents relating to the er:ect to the subject property? able for review.
property? It is a property is a property in the	of any e Phone exist wi	Numb th respis avail	documents relating to the er: ect to the subject property? lable for review.
to you have good knowledge regarding the identity of roperty? Wes No If not, who does? To your knowledge, do any of the following documents by yes, please name the document and comment upon we Document Environmental site assessment reports? Environmental audit reports? Environmental permits? Storage tank registration?	Phone exist with the ther it	xisting Numb th respires avail	documents relating to the er: ect to the subject property? able for review. Name/Availability Env. Health Facili
to you have good knowledge regarding the identity of the self-based on the property? Wes live If not, who does? To your knowledge, do any of the following documents yes, please name the document and comment upon we Document Environmental site assessment reports? Environmental audit reports? Environmental permits? Storage tank registration? Material safety data sheets (MSDS)?	Phone exist withether it	Numb th resp is avail	documents relating to the er: ect to the subject property? able for review. Name/Availability Env. Health Facili
To you have good knowledge regarding the identity of the solution of the following documents by the solution of the sol	Phone exist with hether it	Numb th respis avail	er: ect to the subject property? able for review. Name/Availability Env. Health Facili
to you have good knowledge regarding the identity of the second state of the second st	Phone exist with the ther it	Numb th resp is avail	er: ect to the subject property? able for review. Name/Availability Env. Health Facili
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Do you have good knowledge regarding the identity or perty? Eyes No If not, who does? To your knowledge, do any of the following documents f yes, please name the document and comment upon w Document Environmental site assessment reports? Environmental audit reports? Environmental permits? Storage tank registration? Material safety data sheets (MSDS)? Community right-to-know plans? Safety plans? Spill Prevention, Countermeasure, & Control Plans? Illness and Injury Prevention Plans?	Phone exist with hether it	Numb th resp is avail	documents relating to the er: ect to the subject property? able for review. Name/Availability Env. Health Faciliand Worker Pesticiand Safety
Do you have good knowledge regarding the identity or property? Eves No If not, who does? To your knowledge, do any of the following documents f yes, please name the document and comment upon w Document Environmental site assessment reports? Environmental audit reports? Environmental permits? Storage tank registration? Material safety data sheets (MSDS)? Community right-to-know plans? Safety plans? Spill Prevention, Countermeasure, & Control Plans? Illness and Injury Prevention Plans? Reports regarding hydrogeologic conditions on the	Phone exist with hether it	xisting Numb th responses avail	documents relating to the er: ect to the subject property? able for review. Name/Availability Env. Health Faciliand Worker Pesticiand Safety
Do you have good knowledge regarding the identity or poperty? Yes No If not, who does? To your knowledge, do any of the following documents f yes, please name the document and comment upon w Document Environmental site assessment reports? Environmental audit reports? Environmental permits? Storage tank registration? Material safety data sheets (MSDS)? Community right-to-know plans? Safety plans? Spill Prevention, Countermeasure, & Control Plans? Illness and Injury Prevention Plans?	Phone exist with hether it	Numb th resp is avail	documents relating to the er: ect to the subject property? able for review. Name/Availability Env. Health Faciliand Worker Pesticiand Safety

10.

PHASE I INTERVIEW QUESTIONNAIRE

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

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	If yes to any of the above, please describe:
	A you to day of the door, o, please deservoi.
b.	Notices or other correspondence from any government agency relating to environmental liens encumbering the property?
	If yes to any of the above, please describe:
c,	Pending, threatened, or past litigation or administrative proceedings relevant to hazardou substances, or petroleum products in, on, or from the property?
	N. C
d	Notices from any government at entity regarding any nossible violation of environmental
d.	Notices from any government all entity regarding any possible violation of environmenta laws or possible liability relating to hazardous substances or petroleum products?
d.	laws or possible liability relating to hazardous substances or petroleum products?
	laws or possible liability relating to hazardous substances or petroleum products? Yes ZNo If yes to any of the above, please describe:
Pleaso	Iaws or possible liability relating to hazardous substances or petroleum products? If yes to any of the above, please describe: provide any additional information relative to this project.
Pleaso	laws or possible liability relating to hazardous substances or petroleum products? Yes ZNo If yes to any of the above, please describe:

APPENDIX E

RESUMES





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





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



SIAMAK JAFROUDI



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

