

APPENDIX C
PHASE I ENVIRONMENTAL SITE ASSESSMENT – WESTERN
PARCEL

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

4617 North River Road
Oceanside, California

Prepared for:
The Olson Company

June 8, 2005

SECOR Job No. 04OT.29220.91



June 8, 2005

Ms. Kimberly Duran
The Olson Company
9171 Towne Centre Dr, Suite 450
San Diego, California 92122

RE: PHASE I ENVIRONMENTAL SITE ASSESSMENT
4617 North River Road
Oceanside, California

Dear Ms. Duran:

At the request and authorization of The Olson Company, SECOR International Incorporated (SECOR) has completed a Phase I Environmental Site Assessment (ESA) of the property located at 4617 North River Road, Oceanside, California (the Site). This Phase I ESA was conducted in accordance with the scope of work provided in The Olson Company's Master Consulting Services Agreement dated November 28, 2001 and ASTM Practice E1527-00. The following Executive Summary outlines SECOR's findings and recommendations. Please read the report for a comprehensive accounting of investigative results.

EXECUTIVE SUMMARY

The Site consists of one rectangular parcel of land comprising approximately 17 acres addressed as 4617 North River Road, Oceanside, California. The Site is located in a commercial and residential area of Oceanside, California (see Figure 1). The west side of the Site is bounded by a single-family residential neighborhood; the north side of the Site is bounded by North River Road followed by a single-family residential neighborhood. To the east of the Site is an access road followed by an automobile auction yard, and to the south is the San Luis Rey River.

The Site is currently developed with three residential structures, two commercial structures including a warehouse and a packing house, a dispatch office, and several small storage sheds. The majority of the Site, which is not occupied by these structures, is tilled for agricultural use. A dirt road bisects the Site from North River Road and leads to a perimeter dirt road which encircles the agricultural fields in the southern half of the Site. The Site is currently occupied by Nagata Brothers Farms who uses portions of the property for strawberry farming.

As a result of this Phase I ESA, the following recognized environmental conditions (REC) were identified on the Site:

- No underground storage tanks (USTs) were visually identified at the Site during SECOR's site reconnaissance. However, review of a regulatory agency database search for the property and surrounding area performed by Environmental Data Resources (EDR) indicated the historical presence of USTs at the Site. The Site is listed under the HIST UST database as having had a total of three USTs – one 1,000-gallon diesel, one 1,000-gallon gasoline, and one 550-gallon gasoline. The diesel tank and the 1,000-gallon gasoline tank are

reported to have been installed in 1978. The installation year for the 550-gallon gasoline tank is not reported. No leaks are reported or associated with these USTs. Mr. George Nagata (Site owner) indicated that all of the USTs were removed in the 1980's. Mr. Nagata also indicated that all three tanks had been located in the open area between the warehouse and packing house structures in the approximate location of the existing diesel AST. Mr. Nagata stated that he had no information regarding the removal or exact location of these tanks. SECOR personnel requested information for the Site address from the County of San Diego Department of Environmental Health (SDDEH). The SDDEH indicated that records were on file for the Site. SECOR recommends that these files be reviewed and a determination be made if any impact was detected during the removal of the USTs. Based on the information in the files it can be determined if any subsurface assessment is necessary to evaluate potential contamination to Site soils from these former USTs.

- Three aboveground storage tanks (ASTs) were observed at the Site during SECOR's site reconnaissance, discussed as follows:
 - Diesel AST – This tank had a capacity of approximately 500 gallons and was located between the warehouse and packing house structures on top of exposed dirt and grass. Significant staining was observed on the dirt surface beneath this AST. SECOR recommends further investigation of the soils beneath this AST in order to assess the extent of petroleum hydrocarbon contamination.
 - Propane AST – A 450-gallon AST containing propane was also located on the Site and in close proximity to the diesel AST. The propane was used for forklifts operated on the Site. Given this AST is used to store propane (a gas) SECOR therefore recommends no further investigation. The AST is leased from Ferrellgas. SECOR recommends the removal of this AST prior to Site development.
 - Water AST – An AST of unknown capacity (~1,000 gallons) was used to store irrigation water. This AST was located in the same area as the diesel and propane ASTs and is supplied by two adjacent water wells. Water pumps and PVC piping were connected to this tank. Given that this AST has been used only for storing water, no further investigation is recommended. SECOR does recommend that the water AST be removed prior to Site development.
- According to Mr. Nagata, two operational water wells are located on the Site adjacent to the irrigation water AST discussed above. Mr. Nagata also spoke of other water wells which were used in the past, but have since "caved in" or been abandoned. He could not provide location information or approximate dates of use for these wells other than that they were once located in the southern portion of the Site. According to the EDR report, there are 11 water wells which could potentially be located on the Site, installed between the years 1911 and 1952. Latitude and longitude coordinates are listed for each well, but the accuracy of these coordinates to the actual location of the wells is unknown. SECOR recommends that all observed onsite water wells be properly abandoned prior to Site development. SECOR would further recommend that a surveyor attempt to locate the remaining wells using the coordinates provided and that any wells discovered by this process or during Site grading activities be properly abandoned.

- Irrigation pumps and piping were located throughout the Site. According to Mr. Nagata, these pipes were replaced with PVC pipes in the 1970's. Given the pre-1978 agricultural activities on the Site, however, some portions of pipe, if not replaced by PVC, could potentially be constructed of transite, a material composed of asbestos and cement. Accordingly, ACMs represent an environmental concern. SECOR recommends that during site grading that any suspect transite pipe be managed as ACM containing until proven not to be. Any ACM containing pipe should be properly disposed of from the site. Given the lack of information on the subsurface piping locations and that assessment of the potential irrigation underground piping is not possible, SECOR does not recommend further investigation at this time. Disposal costs for transit pipe in a non-friable condition are minimal and, therefore, not considered a significant potential cost on this project dependant on quantity. Care should be taken during removal of any potential ACM containing material to avoid disaggregating it into a friable condition, which could increase health and safety concerns and the cost of disposal. Also, two manhole covers labeled "Sewer" were located along the northern boundary of the Site, approximately 20 feet south of North River Road. SECOR recommends that these features be avoided during Site development.
- Several pallets with stacks of used batteries were observed in front of the packing house structure. The batteries appeared to have been degrading and some of the cells were exposed. SECOR recommends sampling the soils in the vicinity of the pallets in order to assess the potential contamination (metals) which may have occurred due to these batteries.
- A large mound of fill dirt was observed south of the packing house. Mr. Nagata informed SECOR personnel that this fill dirt originated from grading the residential development located immediately west of the Site. SECOR recommends sampling this mound of fill dirt for petroleum hydrocarbons, volatile organic compounds (VOCs), pesticides, and metals in order to verify that no contaminants are present above levels which would require remediation or removal from the Site.
- Based on the historical research (aerial photograph review Section 5.1) and current Site operations, it appears that the Site has been used for agricultural purposes. As a result, SECOR recommends sampling the site soils for residual pesticides.

SECOR's Phase I ESA also identified the following non-ASTM issues which should be considered prior to development of the site:


- SECOR did not conduct a lead-based paint (LBP) evaluation during the Site reconnaissance. However, given the pre-1978 construction of the Site structures, LBP should be anticipated. Prior to any disturbance of painted materials, SECOR recommends a LBP Survey be conducted in all structures intended for demolition.
- SECOR did not conduct an asbestos containing material (ACM) evaluation during the Site reconnaissance. However, given the pre-1978 construction of the Site structures, ACMs should be anticipated in the building. Prior to any disturbances, SECOR recommends a comprehensive, AHERA-level sampling survey be conducted.

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Other than as described above, no RECs were identified as a result of this Phase I ESA.

It has been a pleasure to provide these services for you, and we look forward to working with you in the future. Should there be any questions concerning the information contained in the following report, please contact the undersigned at (909) 335-6116.

Respectfully submitted,
SECOR International Incorporated



Justin R. Hone
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1.0 INTRODUCTION

1.1 OBJECTIVE

The purpose of this Phase I Environmental Site Assessment (ESA) is to identify recognized environmental conditions (RECs) in connection with the Property. The term 'recognized environmental conditions', or RECs as defined in ASTM Standard Practice E1527-00, means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property, even if those substances are present under conditions in compliance with environmental laws.

1.2 SCOPE OF WORK

This assessment has been performed in a manner which complies with requirements of The Olson Company's Master Service Environmental Consulting Agreement protocols for Phase I ESAs dated November 28, 2001, and ASTM Standard Practice E1527-00. The scope of services did not include an assessment of overall environmental regulatory compliance, any subsurface investigation (including soil or groundwater sampling, exploratory boreholes or other investigative techniques to quantify potentially identified hazardous materials), and asbestos, lead-based paint, mold, or radon gas surveys.

2.0 SITE DESCRIPTION

2.1 LOCATION AND STATISTICS

The Site consists of one rectangular parcel of land comprising approximately 17 acres addressed as 4617 North River Road, Oceanside, California.

Property statistics:

Assessor Parcel Number: **157-060-1700**

Current site owner: Nagata Brothers, CA GP

2.2 SITE AND VICINITY CHARACTERISTICS

The Site is located in a commercial and residential area of Oceanside, California (see Figure 1). The west side of the Site is bounded by a single-family residential neighborhood; the north side of the Site is bounded by North River Road followed by a single-family residential neighborhood. To the east of the Site is an access road followed by an automobile auction yard, and to the south is the San Luis Rey River.

2.3 DESCRIPTIONS OF STRUCTURES, ROADS AND OTHER RELEVANT IMPROVEMENTS ON THE SITE

The Site is currently developed with three residential structures, two commercial structures including a warehouse and a packing house, a dispatch office, and several small storage sheds. The majority of the Site, which is not occupied by these structures, is tilled for agricultural use. A dirt road bisects the Site from North River Road and leads to a perimeter dirt road which encircles the agricultural fields in the southern half of the Site.

2.4 ENVIRONMENTAL LIENS

SECOR, during the course of this due diligence investigation, did not uncover any environmental liens on the Site.

2.5 CURRENT PROPERTY USE

The Site is currently occupied by Nagata Brothers Farms who uses portions of the property for strawberry farming. According to the owner, Mr. George Nagata, Site operations were minimal due to the anticipated sale of the land.

3.0 PROPERTY RECONNAISSANCE

SECOR performed a reconnaissance of the Site on May 24, 2005. Mr. George Nagata, representing the property owner, accompanied SECOR personnel during the Site reconnaissance. Weather conditions during the reconnaissance were clear and no weather related restrictions were encountered.

The purpose of the reconnaissance was to identify existing conditions and land uses that may suggest potential environmental impacts to the Site. Such conditions, to the extent visible and accessible, include storage, disposal and treatment of solid and/or hazardous waste, storage tanks and other chemical containers, odors, pools of liquid, staining, drains, sumps, pits, ponds, lagoons, septic systems, wells, unusual soil disturbance, stressed vegetation, and electrical transformers.

Field notes of the property reconnaissance are detailed further in the remainder of this report. Photographs taken of the Site are included in Appendix A.

3.1 INTERIOR PROPERTY OBSERVATIONS

Several structures are located in the northern portion of the Site. These included three residential structures, two commercial structures including a warehouse and a packing house, a dispatch office, and several small storage sheds. A permit for the addition of the awning covered portion (5,100 ft²) of the warehouse was filed with the City of Oceanside Building Department in 1981. Other than a 1980 permit for constructing a detached dispatch office adjacent to the warehouse and adding office space onto the existing packing house, no other permits or applications were on file with the City for any of the other structures located on the Site. According to aerial photographs, it appears that all of the Site structures other than the afore-mentioned office additions were constructed prior to 1978 and therefore, lead-based paints (LBP) and asbestos containing materials (ACM) may have been utilized in their construction. LBP and ACM are further discussed in sections 3.5 and 3.6 below.

The warehouse (totaling 15,725 ft²) includes a refrigerated storage room, room temperature storage room and an awning storage area with truck access. Two loading docks are located on the western side of the warehouse. The structure is constructed of metal siding on a concrete foundation. According to aerial photographs, it appears that this structure was built sometime between 1963 and 1974.

The packing house structure is located south of the warehouse. This structure had historically been used for sorting and packing fruit and/or berries produced on the farm land. It appeared to be in a state of disrepair and as if it had been a long time since it had last been operated. The structure was constructed of wood and the floor was raised approximately three feet above grade. According to aerial photographs, it appears that this structure was built sometime between 1953 and 1963.

Three residences are located on the Site. All three of these are on raised foundation and constructed of wood framing. Only one of the residences was currently occupied by residents. According to aerial photographs, two of the residences (including the one which is currently occupied) were constructed sometime between 1953 and 1963. The third and oldest residence was constructed sometime between 1946 and 1953.

3.2 EXTERIOR PROPERTY OBSERVATIONS

The portion of the Site not covered with buildings consists primarily of agricultural fields. A dirt road bisects the Site from North River Road and leads to a perimeter dirt road which encircles the agricultural fields in the southern half of the Site. Minor surface staining was noted on the dirt driveways throughout the Site; however, the impact did not appear to be significant and no further investigation is recommended regarding either of these features.

3.2.1 Surface Drainage

The Site slopes southward at a very shallow angle towards the San Luis Rey River which lies just south of the Site (see Figure 1). Storm water runoff from the street adjacent and east of the Site was channeled onto the Site. No evidence of improper discharge from the Site was observed during SECOR's site reconnaissance.

3.2.2 Surface Water

No surface water was visually identified at the property. In addition, no water saturated soil or leaking irrigation systems were observed during the Site walk.

3.2.3 Exterior Hazardous Materials Storage Areas

Hazardous materials were stored south of the warehouse structure. These included several 55-gallon drums of motor oil positioned horizontally on a dispenser rack. Surface staining in this area was minimal and no further investigation is recommended.

3.2.4 Exterior Subsurface Structures

According to Mr. George Nagata (Owner), two operational water wells are located on the Site adjacent to the irrigation water AST. Mr. Nagata also spoke of other water wells which were used in the past, but have since "caved in" or been abandoned. He could not provide location information or approximate dates of use for these wells other than that they were once located in the southern portions of the Site. According to the EDR report, there are 11 water wells which could potentially be located on the Site, installed between the years 1911 and 1952. Groundwater was measured four of these wells in 1966 at between 58 and 63 feet below ground surface (bgs). SECOR recommends that all observed onsite water wells be properly abandoned prior to Site development and that any wells discovered during Site grading activities be properly abandoned at that time.

Irrigation pumps and piping were located throughout the Site. According to Mr. Nagata, these pipes were replaced with PVC pipes in the 1970's. Given the pre-1978 agricultural activities on the Site, however, some portions of pipe, if not entirely replaced by PVC, could potentially be constructed of transite, a material composed of asbestos and cement. Accordingly, ACMs represent a non-ASTM environmental concern. SECOR recommends that during site grading that any suspect transit pipe be managed as ACM containing until proven not to be. Any ACM containing pipe should be properly disposed of from the site. Given the lack of information on the subsurface piping locations and that assessment of the potential irrigation underground piping is not possible,

SECOR does not recommend further investigation at this time. Disposal costs for transit pipe in a non-friable condition are minimal dependant on quantities encountered and, therefore, not considered a significant potential cost on this project. Care should be taken during removal of any potential ACM containing material to avoid disaggregating it into a friable condition, which could increase health and safety concerns and the cost of disposal.

Also, two manhole covers labeled "Sewer" were located along the northern boundary of the Site, approximately 20 feet south of North River Road. SECOR recommends that these features be avoided during Site development.

3.3 STORAGE TANKS

No underground storage tanks (USTs) were visually identified at the Site during SECOR's site reconnaissance. However, review of a regulatory agency database search for the property and surrounding area performed by Environmental Data Resources (EDR) indicated the historical presence of USTs at the Site. The Site is listed under the HIST UST database as having had a total of three USTs – one 1,000-gallon diesel, one 1,000-gallon gasoline, and one 550-gallon gasoline. The diesel tank and the 1,000-gallon gasoline tank are reported to have been installed in 1978. The installation year for the 550-gallon gasoline tank is not reported. No leaks are reported or associated with these USTs. Mr. Nagata (Site owner) indicated that all of the USTs were removed in the 1980's. Mr. Nagata also indicated that all three tanks had been located in the open area between the warehouse and packing house structures in the approximate location of the existing diesel AST. Mr. Nagata stated that he had no information regarding the removal or location of these tanks.

SECOR personnel requested information for the Site address from the County of San Diego Department of Environmental Health (SDDEH). The SDDEH indicated that records were on file for the Site. SECOR recommends that these files be reviewed and a determination be made if any impact was detected during the removal of the USTs. Based on the information in the files it can be determined if any subsurface assessment is necessary to evaluate potential contamination to Site soils.

Three aboveground storage tanks (ASTs) were observed at the Site during SECOR's site reconnaissance, discussed as follows:

- Diesel AST – This tank had a capacity of approximately 500 gallons and was located between the warehouse and packing house structures on top of exposed dirt and grass. Significant staining was observed on the dirt surface beneath this AST. SECOR recommends further investigation of the soils beneath this AST in order to assess the extent of diesel contamination.
- Propane AST – A 450-gallon AST containing propane was also located on the Site and in close proximity to the diesel AST. The propane was used for forklifts operated on the Site. Given this AST is used to store propane (a gas) SECOR therefore recommends no further investigation. The AST is leased from Ferrellgas. SECOR recommends the removal of this AST prior to Site development.

- Water AST – An AST of unknown capacity (~1,000 gallons) was used to store irrigation water. This AST was located in the same area as the diesel and propane ASTs. Two adjacent water wells supply water to this AST. Water pumps and PVC piping were connected to this tank. Given that this AST has been used only for storing water, no further investigation is recommended. SECOR does recommend that the water wells and ASTs be properly abandoned prior to Site development.

3.4 POLYCHLORINATED BIPHENYLS (PCBS)

Electrical transformers, hydraulic equipment capacitors, fluorescent light fixtures, and similar equipment may contain polychlorinated biphenyls (PCBs) in the hydraulic fluids or dielectric insulating fluids within the units. The federal Toxic Substances Control Act (TSCA) generally prohibited the domestic manufacture of PCBs after 1979. There is, however, potential that the dielectric fluid in electrical and hydraulic equipment manufactured and constructed prior to that date contains PCBs.

Several high voltage transformers were located on the Site. Six pole-mounted transformers were observed along the west boundary. A pad-mounted transformer was observed north of the warehouse structure. All of these transformers appeared to be in good condition with no observable leakage at the time of Site reconnaissance. No further investigation is recommended.

3.5 LEAD-BASED PAINT (LBP)

Lead is a pliable, soft metal that is used in the construction of pipes, rods, and containers. Before 1978, lead was a common ingredient in paint because it added strength, shine and extended the life of the paint. In 1978 the EPA banned the use of lead pigments in paints used on interior and exterior residential surfaces. Lead poisoning can result from children having access to, and ingestion (by chewing) of lead-based paint covered surfaces. Inhalation of dust produced by normal oxidation, or scraping/sand-blasting of the paint, which may contain significant amounts of lead, is also a health hazard. The EPA/HUD action level for lead-based paint (LBP) is 0.5% dry weight.

SECOR did not conduct a LBP evaluation during the Site reconnaissance. However, given the pre-1978 construction of the Site structures, LBP should be anticipated. Prior to any disturbance of painted materials, SECOR recommends a Pre-Demolition LBP Survey be conducted on all of the Site structures.

3.6 ASBESTOS CONTAINING MATERIALS (ACMS)

Asbestos is a common term for a group of naturally occurring mineral fibers. Due to its durability and insulating quality, it was used in a wide variety of building products including structural fireproofing, pipe and duct insulation, plasters, roofing, floor tile, and linoleum. Adverse health effects have been associated with the inhalation of airborne asbestos fibers. The asbestos fibers that are tightly bound in building materials, however, do not represent an exposure hazard unless disturbed in such a way that releases airborne fibers (i.e., cutting, drilling, or sanding). By June of 1978, the US Environmental Protection Agency (US EPA) had effectively banned the use of asbestos in building materials.

SECOR did not conduct an asbestos containing material (ACM) evaluation during the Site reconnaissance. However, given the pre-1978 construction of the Site structures, ACMs should be anticipated in the buildings. Prior to any disturbances, recommends a comprehensive, AHERA-level Pre-Demolition ACM Survey be conducted on all of the Site structures.

3.7 SOLID WASTE DISPOSAL ISSUES

Other than the small non-hazardous debris piles, no evidence of illegal dumping of solid waste was observed during SECOR's Site reconnaissance. Solid waste generated on site appears to be disposed of through municipal services. No further assessment is recommended.

A large mound of fill dirt was observed south of the packing house. Mr. Nagata informed SECOR personnel that this fill dirt originated from grading the residential development located immediately west of the Site. SECOR recommends sampling this mound of fill dirt for petroleum hydrocarbons, volatile organic compounds (VOCs), pesticides, and metals in order to verify that no contaminants are present above levels which would require remediation or removal from the Site.

Several pallets with stacks of used batteries were observed in front of the packing house structure. The batteries appeared to have been degrading and some of the cells were exposed. SECOR recommends sampling the soils in the vicinity of the pallets in order to assess the potential contamination which may have occurred due to these batteries. In addition, SECOR recommends that these batteries be disposed of from the Site prior to Site acquisition.

3.8 PESTICIDE ISSUES

Based on the historical research (aerial photograph review Section 5.1) and current Site operations, it appears that the Site has been used for agricultural purposes. As a result, SECOR recommends sampling the site soils for residual pesticides.

3.9 RADON GAS

Radon-222 (radon) is a naturally occurring gas that is prevalent in certain areas of the country. The U.S. EPA has determined that exposure to 4.0 pCi/L of radon gas on a regular basis increases the risk of lung cancer. In 1990, the California Department of Health Services conducted a two-phase statewide radon survey. The first phase of the survey involved a radon selection of owner-occupied single-family dwellings, monitored utilizing a short-term (two-day) radon detector. Following sample collection, the detectors were sent to the EPA for analysis. In the second phase, 10 percent of the previous group was monitored with long-term (one year) radon detectors that were returned to the EPA for analysis.

The Site is located in an area designated as a Radon Zone Level 3 with a predicted average indoor screening level less than 2 pCi/L. The information regarding this determination is contained in the EDR report attached as Appendix B page A-73. Based on this data, Radon is not considered an issue that would require further assessment at this Site.

3.10 REGIONAL GEOLOGY AND HYDROGEOLOGY

The site is located in the City of Oceanside, California. A review of the USGS 7.5 minute topographic map of the San Luis Rey Quadrangle shows the site located at an elevation of approximately 70 feet above mean sea level (MSL; Figure 1), with a southwesterly gradient.

The subject property lies within the Peninsular Range Geomorphic Province (CDMG, 1969). The Peninsular Range Geomorphic Province is characterized by northwest trending ranges and valleys resulting from sub-parallel transform faults accommodating the Pacific-North American plate contact motions.

The site is underlain by Pleistocene marine and non-marine terrace deposits. The surface deposits in the vicinity of the Site are further described as well-indurated sandstone and conglomerate terrace deposits (CDMG, 1965). No active faults were identified within one mile of the Site (USGS, 2004). The nearest active fault identified is the Newport-Inglewood-Rose Canyon Fault located approximately five miles west of the site.

The Site is located within the San Diego Region (9) of the California Regional Water Quality Control Board (CRWQCB). Groundwater is expected to flow southwest towards the Pacific Ocean. The Site is mapped as being in a 500-year flood zone related to the nearby San Luis Rey River.

According to the EDR report, there are 11 water wells which could potentially be located on the Site, installed between the years 1911 and 1952. Latitude and longitude coordinates are listed for each well, but the accuracy of these coordinates to the actual location of the wells is unknown. Groundwater was measured four of these wells in 1966 at between 58 and 63 feet below ground surface (bgs). SECOR recommends that these wells be located and properly abandoned prior to Site development. Regional groundwater flow is anticipated to be to the west-southwest, towards the Pacific Ocean.

3.11 ADJACENT SITE RECONNAISSANCE

The site is located within a residential and commercial area in the City of Oceanside. According to the earliest available aerial photographs, the area was partially developed prior to the late 1940's for agricultural purposes. No RECs were identified as a result of adjacent site reconnaissance.

4.0 PUBLIC RECORD REVIEW SECTION

4.1 ENVIRONMENTAL DATA RESOURCES REPORT

SECOR contracted with Environmental Data Resources, Inc. (EDR) to review databases maintained by various federal and state environmental agencies. The purpose of the review was to identify reported listings for the subject property or other properties in the vicinity. The reviewed databases included federal and state lists of known or suspected contaminated Sites, known handlers or generators of hazardous waste, known waste disposal facilities and permitted underground storage tanks. The databases which were researched and the searched distances for each database, if applicable, include the following described below:

- US Environmental Protection Agency (EPA): National Priorities List (NPL), Federal Superfund List, one mile. Date of government version 04/28/05;
- US EPA Resource Conservation and Recovery Act (RCRA) Corrective Action Order (CORRACTS): RCRA facilities with a "corrective action order" where a release of hazardous waste to the environment has occurred, one mile. Date of government version 03/29/05;
- STATE equivalent Comprehensive Environmental Response, Cleanup and Liability Information System (CERCLIS) list (SCL) provided by the California Environmental Protection Agency, Department of Toxic Substances Control, one-half mile. Date of government version 02/15/05;
- US EPA CERCLIS/NFRAP list, one-half mile. Date of government version 03/22/05;
- STATE Leaking Underground Storage Tank list (LUST), one-half mile. Records contain an inventory of reported leaking underground storage tank incidents/State Water Resources Control Board. Date of government version 01/10/05;
- STATE Solid Waste Land Fill Information System (SWLF) database consists of open as well as closed and inactive solid waste disposal facilities and transfer stations, one-half mile. Date of government version 03/14/05;
- STATE Registered Underground Storage Tank (UST) list, one-quarter mile. Source is the State Water Resources Control Board. Date of government version 04/12/05;
- STATE Registered Aboveground Storage Tank (AST) list, one-quarter mile. Registered AST with the State Water Resources Control Board. Date of government version 02/01/05;
- Resource Conservation and Recovery Act Information (RCRA). Includes selective information on sites which generate, transport, store or treat hazardous waste as defined by the RCRA act. Date of government version 03/13/05;
- CHMIRS – California Hazardous Material Incident Report System. Source is the Office of Emergency Services. This list has not been updated since 12/31/03;
- CAL-SITES – Cal-Sites List. Source is the Department of Toxic Substance Control. Date of government version: 02/07/05;
- HIST UST- Hazardous Substance Storage Container Database. Source is the State Water Resources Control Board. Date of government version: 10/15/90;
- CORTESE – Hazardous Waste and Substances Sites List. Source is the Cal EPA office of Emergency Information. The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF) and the Department of Toxic Substances Control (cal-Sites). Date of government version 04/01/01 and no update is planned;
- Proposition Notification 65 Records (NOTIFY 65). Source is the State Water Resource Board, one mile. Date of government version 10/21/93;
- CLEANERS – A list of dry cleaner related facilities that have EPA ID numbers. Source is the Department of Toxic Substances Control. Date of government version 04/18/05;

- HAZNET – Hazardous Waste Information System. The data is extracted from copies of hazardous waste manifests from the Department of Toxic Substances Control. Date of government version 12/31/02;

The complete database listings prepared by EDR and a map showing the locations of listed sites relative to the subject property are presented in Appendix B. The results of SECOR's review of listed sites is summarized and discussed below.

HIST UST

One HIST UST listings was reported in the EDR report within a one-half mile radius. The Site is listed under this database as having had a total of three USTs – one 1,000-gallon diesel, one 1,000 gallon gasoline, and one 550-gallon gasoline. The diesel tank and the 1,000-gallon gasoline tank are reported to have been installed in 1978. The installation year for the 550-gallon gasoline tank is not reported. No leaks are reported or associated with these USTs. Mr. Nagata (Site owner) indicated that all of the USTs were removed in the 1980's. Mr. Nagata also indicated that all three tanks had been located in the open area between the warehouse and packing house structures in the approximate location of the existing diesel AST. Mr. Nagata stated that he had no information regarding the removal or location of these tanks.

SECOR personnel requested information for the Site address from the California Regional Water Quality Control Board (CRWQCB), the County of San Diego Department of Environmental Health, and the City of Oceanside Fire Department. The County of San Diego Department of Environmental Health indicated that records were on file for the Site. SECOR recommends that these files be reviewed prior to determining if a subsurface assessment is necessary at the Site.

4.2 CITY, COUNTY AND STATE RECORDS REVIEW

4.2.1 City of Oceanside Fire Department

SECOR contacted the City of Oceanside Fire Department on May 24, 2005 to determine if the subject property was listed in any databases maintained by their offices. According to fire department staff, no records exist for the Site address. Fire Department personnel referred SECOR to the County of San Diego Department of Environmental Health.

4.2.2 City of Oceanside Building Department

SECOR staff visited the City of Oceanside Building Department to research historical building permits on file for the Site addresses 4617 North River Road. Several permits from the late 1970's and early 1980's are on file with the Building Department for additions to existing structures and electrical permits. No records for original construction were on file for any of the Site structures.

4.2.3 County of San Diego Department of Environmental Health (DEH)

The DEH was contacted to determine if the Site was listed in any database maintained by their office. According to DEH personnel, files exist for the Site address. SECOR recommends that these files be reviewed prior to determining if a subsurface assessment is necessary at the Site.

5.0 HISTORICAL RECORDS REVIEW

SECOR developed an understanding of past use of the property through research of the following available information resources.

5.1 AERIAL PHOTOGRAPHIC REVIEW

Aerial photographs for the property and surrounding areas were obtained from the County of San Diego Cartographic Services Department, to evaluate historical usage of the site and adjacent properties. The photographs were also reviewed to evaluate any discernible evidence of potential sources of negative environmental impact at the site. The general activity on a property and land use changes can often be discerned from the type and layout of structures visible in aerial photographs and maps; however, specific elements of a site operation cannot normally be determined.

The following aerial photographs of the Site and surrounding areas were examined during SECOR's historical investigations.

1. **Photographer: Jack Amman**
Date: 1946
Scale: 1"=555'

The Site appears to be developed with a small structure (residential). The remainder of the Site appears to be a portion of a larger agricultural land. The surrounding area is predominantly agricultural with small pockets of undeveloped land, mostly along the San Luis Rey River.

2. **Photographer: Park**
Date: 1953
Scale: 1"=555'

The Site appears to be developed with one of the existing residential structures and a small shed. The surrounding areas appear similar the 1946 photograph.

3. **Photographer: Cartwright**
Date: 1963
Scale: 1"=555'

The Site is now developed with all the existing residences and packing house. The surrounding areas appear similar the 1953 photograph.

4. **Photographer: AMI**
Date: 1974
Scale: 1"=600'

The warehouse structure located on the Site appears in this photograph and the Site appears to be in its current configuration. Residential neighborhoods appear to the north of the Site.

5. **Photographer: USGS**
Date: 1990
Scale: 1"=666'

The Site appears similar to the 1974 photograph. The property located adjacent and west of the Site appears to be graded for the existing residential development. The surrounding areas appear to be predominantly residential.

6. **Photographer: USGS**
Date: 1994
Scale: 1"=666'

The Site and its surrounding appear similar to the 1990 photograph. The auto auction yard appears east of the Site.

7. **Photographer: USGS**
Date: 2002
Scale: 1"=666'

The Site and its surrounding appear similar to the 1994 photograph.

SECOR's interpretation of historical aerial photographs shows the Site as agricultural with residential houses and the surrounding area as a residential/commercial zone with residential housing and a few commercial buildings. No potential Site impact from adjoining properties was identified in SECOR's review of historical aerial photographs.

5.2 FIRE INSURANCE MAPS

No Sanborn fire insurance map coverage was available for the Site.

5.3 HISTORICAL CITY STREET DIRECTORIES

Available historical City Directories were requested from EDR. Available directories were researched for the years spanning 1921 through 2000. The Site address was not listed until 1980 as "Agri Distributing" and as "Nagata Bros. Farm" in 1985. No previously unidentified recognized environmental conditions were discovered from SECOR's historical City Directory review.

5.4 HISTORICAL TOPOGRAPHIC MAP REVIEW

Available historical topographic maps were requested from EDR and available maps were reviewed for the years 1997, 1975 (Photorevised 1968), 1968, and 1949. The maps depict the Site as agricultural land in 1949 and later. The 1968 map shows several structures on the Site. The 1975 map depicts the existing structures and streets in the area. No recognized environmental conditions were identified from SECOR's historical topographic map review.

5.5 FORMER ENVIRONMENTAL REPORTS

SECOR was not provided with any former environmental reports concerning the property.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The Site consists of one rectangular parcel of land comprising approximately 17 acres of land addressed as 4617 North River Road, Oceanside, California. The Site is located in a commercial and residential area of Oceanside, California (see Figure 1). The west side of the Site is bounded by a single-family residential neighborhood; the north side of the Site is bounded by North River Road followed by a single-family residential neighborhood. To the east of the Site is an access road followed by an automobile auction yard, and to the south is the San Luis Rey River.

The Site is currently developed with three residential structures, two commercial structures including a warehouse and a packing house, a dispatch office, and several small storage sheds. The majority of the Site, which is not occupied by these structures, is tilled for agricultural use. A dirt road bisects the Site from North River Road and leads to a perimeter dirt road which encircles the agricultural fields in the southern half of the Site. The Site is currently occupied by Nagata Brothers Farms who uses portions of the property for strawberry farming.

As a result of this Phase I ESA, the following recognized environmental conditions (REC) were identified on the Site:

- No underground storage tanks (USTs) were visually identified at the Site during SECOR's site reconnaissance. However, review of a regulatory agency database search for the property and surrounding area performed by Environmental Data Resources (EDR) indicated the historical presence of USTs at the Site. The Site is listed under the HIST UST database as having had a total of three USTs – one 1,000-gallon diesel, one 1,000-gallon gasoline, and one 550-gallon gasoline. The diesel tank and the 1,000-gallon gasoline tank are reported to have been installed in 1978. The installation year for the 550-gallon gasoline tank is not reported. No leaks are reported or associated with these USTs. Mr. George Nagata (Site owner) indicated that all of the USTs were removed in the 1980's. Mr. Nagata also indicated that all three tanks had been located in the open area between the warehouse and packing house structures in the approximate location of the existing diesel AST. Mr. Nagata stated that he had no information regarding the removal or exact location of these tanks. SECOR personnel requested information for the Site address from the County of San Diego Department of Environmental Health (SDDEH). The SDDEH indicated that records were on file for the Site. SECOR recommends that these files be reviewed and a determination be made if any impact was detected during the removal of the USTs. Based on the information in the files it can be determined if any subsurface assessment is necessary to evaluate potential contamination to Site soils from these former USTs.
- Three aboveground storage tanks (ASTs) were observed at the Site during SECOR's site reconnaissance, discussed as follows:
 - Diesel AST – This tank had a capacity of approximately 500 gallons and was located between the warehouse and packing house structures on top of exposed dirt and grass. Significant staining was observed on the dirt surface beneath this AST. SECOR recommends further investigation of the soils beneath this AST in order to assess the extent of petroleum hydrocarbon contamination.
 - Propane AST – A 450-gallon AST containing propane was also located on the Site and in close proximity to the diesel AST. The propane was used for forklifts operated on the Site. Given this AST is used to store propane (a gas) SECOR therefore recommends no further investigation. The AST is leased from Ferrellgas. SECOR recommends the removal of this AST prior to Site development.

- Water AST – An AST of unknown capacity (~1,000 gallons) was used to store irrigation water. This AST was located in the same area as the diesel and propane ASTs and is supplied by two adjacent water wells. Water pumps and PVC piping were connected to this tank. Given that this AST has been used only for storing water, no further investigation is recommended. SECOR does recommend that the water AST be removed prior to Site development.
- According to Mr. Nagata, two operational water wells are located on the Site adjacent to the irrigation water AST discussed above. Mr. Nagata also spoke of other water wells which were used in the past, but have since “caved in” or been abandoned. He could not provide location information or approximate dates of use for these wells other than that they were once located in the southern portion of the Site. According to the EDR report, there are 11 water wells which could potentially be located on the Site, installed between the years 1911 and 1952. Latitude and longitude coordinates are listed for each well, but the accuracy of these coordinates to the actual location of the wells is unknown. SECOR recommends that all observed onsite water wells be properly abandoned prior to Site development. SECOR would further recommend that a surveyor attempt to locate the remaining wells using the coordinates provided and that any wells discovered by this process or during Site grading activities be properly abandoned.
- Irrigation pumps and piping were located throughout the Site. According to Mr. Nagata, these pipes were replaced with PVC pipes in the 1970’s. Given the pre-1978 agricultural activities on the Site, however, some portions of pipe, if not replaced by PVC, could potentially be constructed of transite, a material composed of asbestos and cement. Accordingly, ACMs represent an environmental concern. SECOR recommends that during site grading that any suspect transite pipe be managed as ACM containing until proven not to be. Any ACM containing pipe should be properly disposed of from the site. Given the lack of information on the subsurface piping locations and that assessment of the potential irrigation underground piping is not possible, SECOR does not recommend further investigation at this time. Disposal costs for transit pipe in a non-friable condition are minimal and, therefore, not considered a significant potential cost on this project dependant on quantity. Care should be taken during removal of any potential ACM containing material to avoid disaggregating it into a friable condition, which could increase health and safety concerns and the cost of disposal. Also, two manhole covers labeled “Sewer” were located along the northern boundary of the Site, approximately 20 feet south of North River Road. SECOR recommends that these features be avoided during Site development.
- Several pallets with stacks of used batteries were observed in front of the packing house structure. The batteries appeared to have been degrading and some of the cells were exposed. SECOR recommends sampling the soils in the vicinity of the pallets in order to assess the potential contamination (metals) which may have occurred due to these batteries.
- A large mound of fill dirt was observed south of the packing house. Mr. Nagata informed SECOR personnel that this fill dirt originated from grading the residential development located immediately west of the Site. SECOR recommends sampling this mound of fill dirt for petroleum hydrocarbons, volatile organic compounds (VOCs), pesticides, and metals in order to verify that no contaminants are present above levels which would require remediation or removal from the Site.
- Based on the historical research (aerial photograph review Section 5.1) and current Site operations, it appears that the Site has been used for agricultural purposes. As a result, SECOR recommends sampling the site soils for residual pesticides.

SECOR's Phase I ESA also identified the following non-ASTM issues which should be considered prior to development of the site:

- SECOR did not conduct a lead-based paint (LBP) evaluation during the Site reconnaissance. However, given the pre-1978 construction of the Site structures, LBP should be anticipated. Prior to any disturbance of painted materials, SECOR recommends a LBP Survey be conducted in all structures intended for demolition.
- SECOR did not conduct an asbestos containing material (ACM) evaluation during the Site reconnaissance. However, given the pre-1978 construction of the Site structures, ACMs should be anticipated in the building. Prior to any disturbances, SECOR recommends a comprehensive, AHERA-level sampling survey be conducted.

Other than as described above, no RECs were identified as a result of this Phase I ESA.

7.0 CLOSURE

The conclusions presented in this report are professional opinions based on data described in this report. The report was prepared in accordance with SECOR's Master Service Agreement with this Client, and to the extent any provisions of the report conflicts with the Master Service Agreement, the Master Service Agreement shall control. Without limitation of the foregoing, the opinions of this report have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location, and are subject to the following inherent limitations

- 1) SECOR derived the data in this report primarily from visual inspections, examination of records in the public domain, and interviews with individuals having information about the Site. The passage of time, manifestation of latent conditions, or occurrence of future events may require further study at the Site, analysis of the data, and reevaluation of the findings, observations, and conclusions in the report.
- 2) The data reported and the findings, observations, and conclusions expressed in the report are limited by the scope of work. The scope of the Phase I ESA performed by SECOR was performed in accordance with the scope of work presented in the Master Service Agreement and ASTM Practice E1527-00.
- 3) The professional opinions presented in this report are intended only for the purpose, Site location, and project indicated. This report is not a definitive study of contamination at the Site and should not be interpreted as such. An evaluation of subsurface soil and groundwater conditions was not performed as part of this investigation. No sampling or chemical analyses of structural materials or other media was completed as part of this study unless explicitly stated.
- 4) This report is based, in part, on unverified information supplied to SECOR by third-party sources. While efforts have been made to substantiate this third-party information, SECOR cannot guarantee its completeness or accuracy.

8.0 REFERENCES

California Division of Mines and Geology (CDMG), 1962, Geologic Map of California, San Diego and El Centro Sheet, County of San Diego, California, Scale 1:250,000.

CDMG, 1998, Maps of Known Active Fault Near-Source Zones in California and Adjacent Portions of Nevada.

City of Oceanside Building and Safety Department (760) 435-3065.

City of Oceanside Fire Department (760) 435-4100.

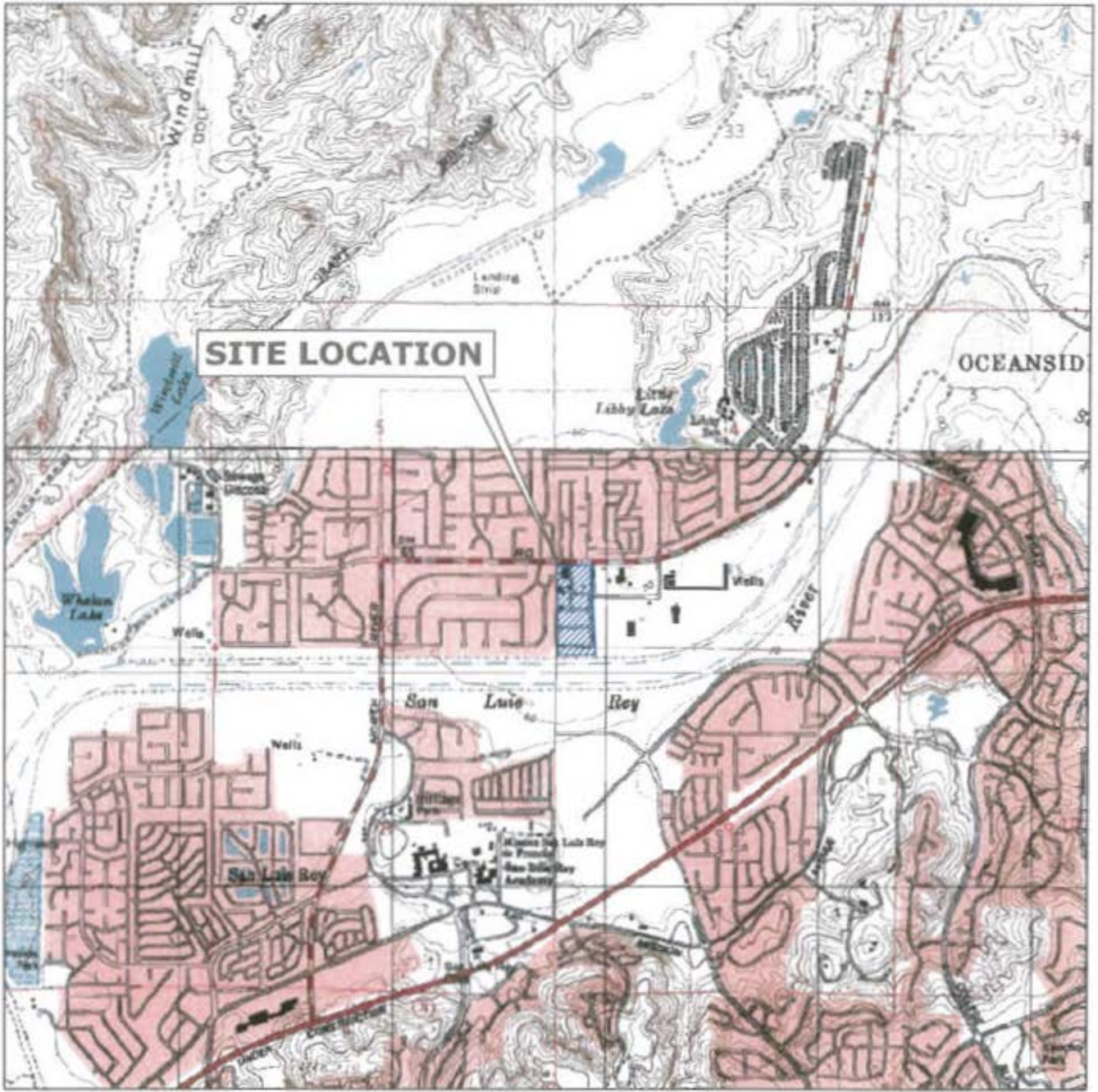
County of San Diego Department of Environmental Health (619) 338-2222.

Department of Oil and Gas (DOG) website, 2004, Regional Wildcat Map W1-7. http://www.consrv.ca.gov/dog/maps/index_map.htm.

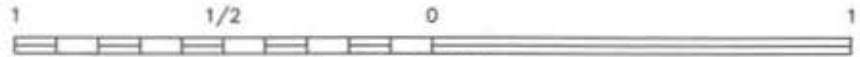
Environmental Data Resources, Inquiry number: 1425996.2s.

Southern California Earthquake Data Center (SCEDC) Website, 2004, <http://www.data.scec.org>

FIGURES



CALIFORNIA



SCALE (MILES)



SCALE (FEET)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE; SAN LUIS REY, CALIFORNIA; 1995



SECOR

25864 BUSINESS CENTER DRIVE
REDLANDS, CALIFORNIA
PHONE: (800) 335-6116/335-6120 (FAX)

FOR:

THE OLSON COMPANY
4617 NORTH RIVER ROAD
OCEANSIDE, CALIFORNIA

SITE LOCATION MAP

FIGURE:

1

JOB NUMBER:

04OT.29220.91

DRAWN BY:

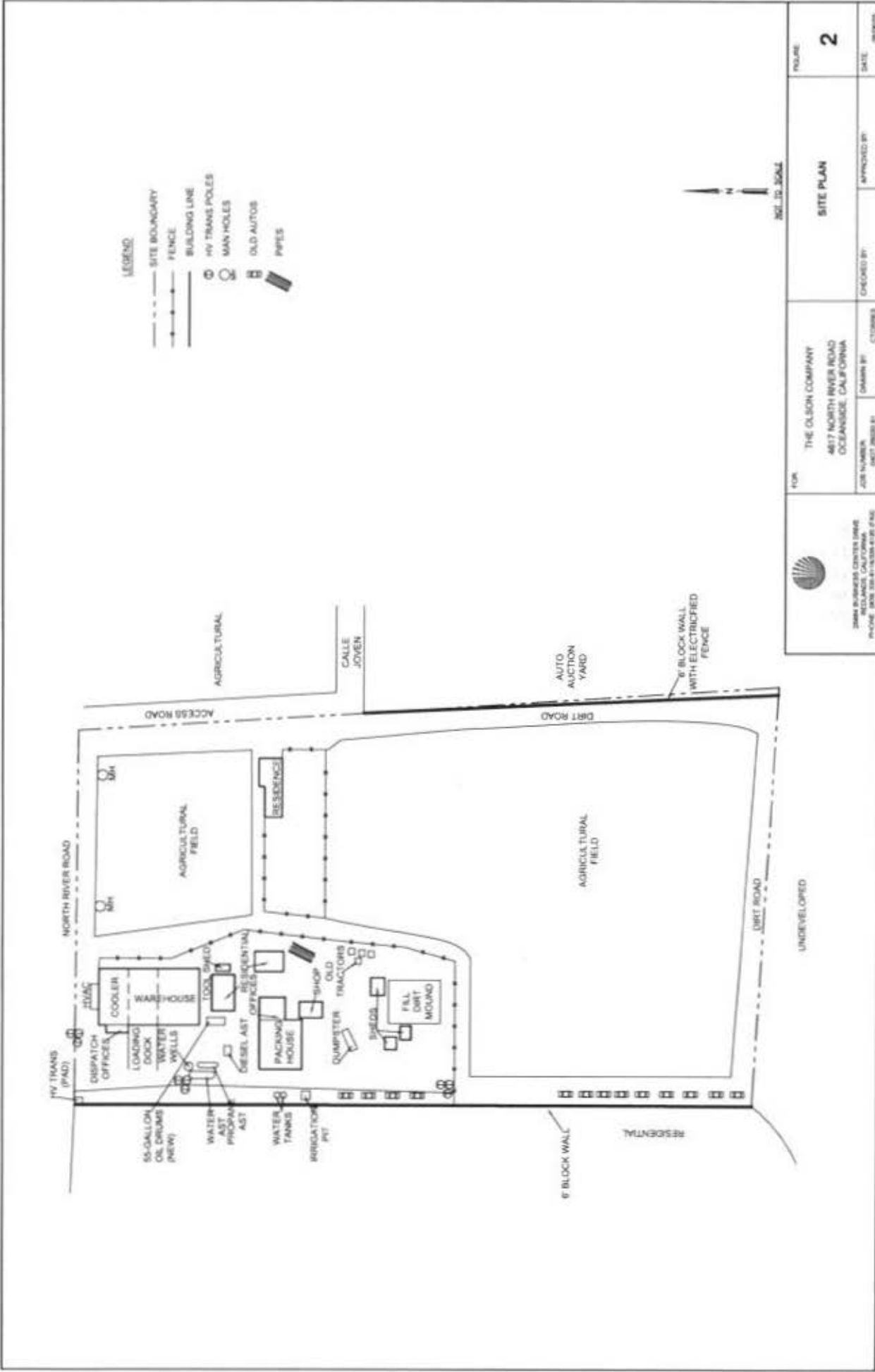
CTORRES

CHECKED BY:

APPROVED BY:

DATE:

06/06/05



<p>SIERRA BUSINESS CENTER DRIVE REDLANDS, CALIFORNIA PHONE: 310.334.1100 FAX: 310.334.1101 WEBSITE: WWW.SIERRACENTERS.COM</p>	<p>FOR THE OLSON COMPANY 4817 NORTH RIVER ROAD OCEANSIDE, CALIFORNIA</p>	<p>FIGURE 2</p>
	<p>JOB NUMBER: 0407 2008 01 DRAWN BY: C. TORRES CHECKED BY: [] APPROVED BY: []</p>	<p>DATE: 06/20/08</p>

FILEPATH: G:\CAD\04-07-08\0407200801\0407200801-10P.dwg, modified by: TORRES on Jun 20, 2008 at 10:24

**APPENDIX A
SITE PHOTOGRAPHS**

4617 North River Road
Oceanside, CA – PHOTOLOG



Photograph No. 1

View from the northwest corner of the Site, looking south. Note the Site warehouse to the left and the overhead high-voltage lines.



Photograph No. 2

View from the northeast corner of the Site, looking south. Note the residence in background and agricultural field in foreground.

SECOR Job No. 04OT.29220.91

The Olson Company

Phase I ESA for: 4617 North River Road, Oceanside, CA

I:\Olson Company\Oceanside\North River Road\Phase I\Oceanside_PhotoLog.doc



Photograph No. 3
View from the southeast corner of the Site, looking north.



Photograph No. 4
View from the southwest corner of the Site, looking north along the Site boundary. Note the old cars to the left.



Photograph No. 5

View from atop the fill dirt mound located on the Site, looking southeast.



Photograph No. 6

View of the diesel AST and packing house structure.



Photograph No. 7

View of the propane and water ASTs. Note the three pole mounted transformers and overhead high-voltage lines.



Photograph No. 8

View of two irrigation water tanks and possible water well located west of the packing house.



Photograph No. 9

View of used batteries stored on pallets in front of the packing house.



Photograph No. 10

Close-up view of the diesel AST and related surface staining.



Photograph No. 11
View of the 55-gallon motor oil drums located on the Site.



Photograph No. 12
View of the interior of the shop structure.

APPENDIX B
ENVIRONMENTAL DATA RESOURCES DATABASE REPORT



EDR™ Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**Olson - Oceanside
4617 North River Road
Oceanside, CA 92057**

Inquiry Number: 1425996.2s

May 20, 2005

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Road
Milford, Connecticut 06460**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: 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 meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

4617 NORTH RIVER ROAD
OCEANSIDE, CA 92057

COORDINATES

Latitude (North): 33.245300 - 33° 14' 43.1"
Longitude (West): 117.313100 - 117° 18' 47.2"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 470832.0
UTM Y (Meters): 3678333.2
Elevation: 71 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 33117-B3 SAN LUIS REY, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
NAGATA BROS. FARMS 4617 N RIVER RD OCEANSIDE, CA 92068	HIST UST	N/A

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 ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

EXECUTIVE SUMMARY

CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
RCRA-SQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System

STATE ASTM STANDARD

AWP	Annual Workplan Sites
Cal-Sites	Calsites Database
CHMIRS	California Hazardous Material Incident Report System
Cortese	"Cortese" Hazardous Waste & Substances Sites List
Notify 65	Proposition 65 Records
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
WMUDS/SWAT	Waste Management Unit Database
LUST	Geotracker's Leaking Underground Fuel Tank Report
CA BOND EXP. PLAN	Bond Expenditure Plan
UST	List of Underground Storage Tank Facilities
VCP	Voluntary Cleanup Program Properties
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land
CA FID UST	Facility Inventory Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
FINDS	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
US ENG CONTROLS	Engineering Controls Sites List
ODI	Open Dump Inventory
DOD	Department of Defense Sites
INDIAN RESERV	Indian Reservations
UMTRA	Uranium Mill Tailings Sites
FUDS	Formerly Used Defense Sites
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST	Aboveground Petroleum Storage Tank Facilities
CLEANERS	Cleaner Facilities
CA WDS	Waste Discharge System
DEED	Deed Restriction Listing

EXECUTIVE SUMMARY

NFA.....	No Further Action Determination
WIP.....	Well Investigation Program Case List
EMI.....	Emissions Inventory Data
REF.....	Unconfirmed Properties Referred to Another Agency
SCH.....	School Property Evaluation Program
NPE.....	Properties Needing Further Evaluation
CA SLIC.....	Statewide SLIC Cases
HAZNET.....	Facility and Manifest Data
San Diego Co. HMMD.....	Hazardous Materials Management Division Database

BROWNFIELDS DATABASES

US BROWNFIELDS.....	A Listing of Brownfields Sites
US INST CONTROL.....	Sites with Institutional Controls
VCP.....	Voluntary Cleanup Program Properties

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

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

EDR PROPRIETARY HISTORICAL DATABASES

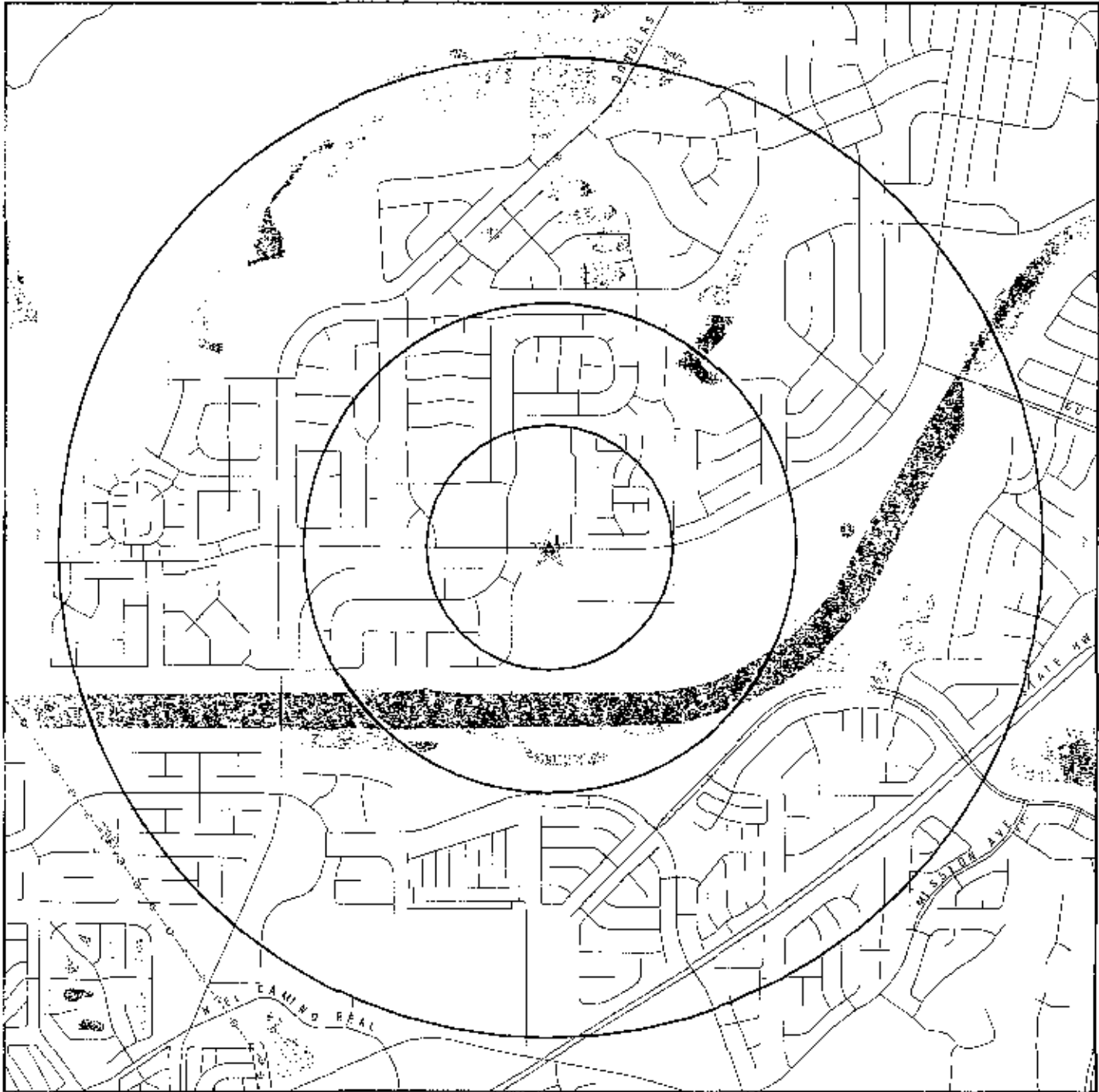
See the EDR Proprietary Historical Database Section for details

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
GAVILAN PLATEAU MANEUVER AREA	Cat-Sites, AWP
1664 OCEANSIDE BLVD	Notify 65
VISTA BURNSITE	SWF/LF
MAXSON STREET LF	SWF/LF
1X OCEANSIDE UNIFIED SCHOOL DISTRICT	HAZNET
DOCKED AT I-42 OCEANSIDE HARBOR	ERNS
WEST END OF OCEANSIDE AIRPORT ON SOUTH BANK	ERNS
3 MILES WEST OF OCEANSIDE	ERNS
LA SALINA WWTP, OCEANSIDE OTFL	CA WDS
OCEANSIDE AQUATIC PESTICIDE WEED	CA WDS
HI HOPE RANCH HIGH SCHOOL	SCH

OVERVIEW MAP - 1425996.2s - SECOR International, Inc.



- ▼ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- Federal Wetlands
- Areas of Concern

TARGET PROPERTY:	Olson - Oceanside	CUSTOMER:	SECOR International, Inc.
ADDRESS:	4617 North River Road	CONTACT:	Justin Hone
CITY/STATE/ZIP:	Oceanside CA 92057	INQUIRY #:	1425996.2s
LAT/LONG:	33.2453 / 117.3131	DATE:	May 20, 2005 7:39 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	Search Distance					Total Plotted
			< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
Molly 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	0	0	NR	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
CA FID UST		0.250	0	0	NR	NR	NR	0
HIST UST	X	0.250	0	0	NR	NR	NR	0
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
FUDS		1.000	0	0	0	0	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
SLIC		0.500	0	0	0	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
San Diego Co. HMMD		TP	NR	NR	NR	NR	NR	0
<u>EDR PROPRIETARY HISTORICAL DATABASES</u>								
Gas Stations/Dry Cleaners		0.250	0	0	NR	NR	NR	0
Coal Gas		1.000	0	0	0	0	NR	0
<u>BROWNFIELDS DATABASES</u>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0

NOTES:

See the EDR Proprietary Historical Database Section for details

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
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

1 **NAGATA BROS. FARMS** **HIST UST** **U001572184**
Target 4617 N RIVER RD
Property OCEANSIDE, CA 92068 **N/A**

UST HIST:

Actual:
74 ft.

<p>Facility ID: 49312 Total Tanks: 3 Owner Address: 4617 N. RIVER ROAD SAN LUIS REY, CA 92068</p> <p>Tank Used for: PRODUCT Tank Num: 1 Tank Capacity: 00001000 Type of Fuel: DIESEL Leak Detection: Visual Contact Name: GEORGE NAGATA Facility Type: Other</p> <p>Facility ID: 49312 Total Tanks: 3 Owner Address: 4617 N. RIVER ROAD SAN LUIS REY, CA 92068</p> <p>Tank Used for: PRODUCT Tank Num: 2 Tank Capacity: 00000550 Type of Fuel: UNLEADED Leak Detection: Visual Contact Name: GEORGE NAGATA Facility Type: Other</p> <p>Facility ID: 49312 Total Tanks: 3 Owner Address: 4617 N. RIVER ROAD SAN LUIS REY, CA 92068</p> <p>Tank Used for: PRODUCT Tank Num: 3 Tank Capacity: 00010000 Type of Fuel: REGULAR Leak Detection: Visual Contact Name: GEORGE NAGATA Facility Type: Other</p>	<p>Owner Name: NAGATA BROS. FARMS Region: STATE</p> <p>Container Num: N-1 Year Installed: 1978 Tank Construction: Not Reported</p> <p>Telephone: (619) 757-1382 Other Type: FARM</p> <p>Owner Name: NAGATA BROS. FARMS Region: STATE</p> <p>Container Num: N-2 Year Installed: Not reported Tank Construction: Not Reported</p> <p>Telephone: (619) 757-1382 Other Type: FARM</p> <p>Owner Name: NAGATA BROS. FARMS Region: STATE</p> <p>Container Num: N-3 Year Installed: 1978 Tank Construction: Not Reported</p> <p>Telephone: (619) 757-1382 Other Type: FARM</p>
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MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES

YEAR	NAME	ADDRESS	CITY	ST	DIR.	DIST.	FI	FV	TYPE
------	------	---------	------	----	------	-------	----	----	------

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.
 EDR Historical Gas Station & Dry Cleaner Search: No mapped sites were found in EDR's search of the EDR Historical Gas Station & Dry Cleaner Database within 0.250 mile of the Target Property.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Contactor(s)
OCEANSIDE	5105155616	VISTA BURNSITE	NORTII AVENUE / SYCAMORE DR.		SWFLF
OCEANSIDE	5105155592	MAXSON STREET LF	1000 BLK. MAXSON ST.		SWFLF
OCEANSIDE	99640637	DOCKED AT I-12 OCEANSIDE HARBOR	DOCKED AT I-12 OCEANSIDE HARBOR		FRNS
OCEANSIDE	93301513	WEST END OF OCEANSIDE AIRPORT ON SOUTH BANK	WEST END OF OCEANSIDE AIRPORT ON SOUTH BANK		ERNS
OCEANSIDE	5106153067	HI HOPE RANCH HIGH SCHOOL	MELROSE DRIVE/HIGHWAY 76	92067	SCH
OCEANSIDE	98426424	3 MILES WEST OF OCEANSIDE	3 MILES WEST OF OCEANSIDE		ERNS
OCEANSIDE	5103879276	1X OCEANSIDE UNIFIED SCHOOL DISTRICT	MISSION ELEMENTARY		HAZNET
OCEANSIDE	5100178724	1064 OCEANSIDE BLVD	OCEANSIDE BLVD PUMP STA.		Notify RS
OCEANSIDE	5100105435	LA SALINA WWTP, OCEANSIDE OTFL	1360 SOUTH TAITE STREET		CA WDS
OCEANSIDE	5106105404	OCEANSIDE AQUATIC RES HC-WFTD	VARIOUS SITES IN OCEANSIDE		CA WDS
HERRIS	5105481914	GAVILAN PLATEAU MANEUVER AREA	S85, T4 SOUTH, R5 WEST	92057	Cal-Siees. AMF?

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA
Telephone: N/A

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

Date of Government Version: 04/28/05
Date Made Active at EDR: 05/16/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/04/05
Elapsed ASTM days: 12
Date of Last EDR Contact: 05/04/05

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-878-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-8774

EPA Region 4
Telephone 404-582-8033

Proposed NPL: Proposed National Priority List Sites

Source: EPA
Telephone: N/A

Date of Government Version: 04/27/05
Date Made Active at EDR: 05/16/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/04/05
Elapsed ASTM days: 12
Date of Last EDR Contact: 05/04/05

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

Source: EPA
Telephone: 703-413-0223

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

Date of Government Version: 02/15/05
Date Made Active at EDR: 04/06/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/22/05
Elapsed ASTM days: 15
Date of Last EDR Contact: 03/22/05

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA
Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/22/05
Date Made Active at EDR: 04/06/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/07/05
Elapsed ASTM days: 5
Date of Last EDR Contact: 01/01/05

CORRACTS: Corrective Action Report

Source: EPA
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/29/05
Date Made Active at EDR: 05/16/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/11/05
Elapsed ASTM days: 35
Date of Last EDR Contact: 03/07/05

RCRA: Resource Conservation and Recovery Act Information

Source: EPA
Telephone: 800-424-9346

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site 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: 03/13/05
Date Made Active at EDR: 04/25/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/23/05
Elapsed ASTM days: 33
Date of Last EDR Contact: 03/23/05

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/04
Date Made Active at EDR: 03/24/05
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/05
Elapsed ASTM days: 58
Date of Last EDR Contact: 04/25/05

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS
Telephone: 800-424-9346

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: 12/01/01
Database Release Frequency: Biennially

Date of Last EDR Contact: 04/15/05
Date of Next Scheduled EDR Contact: 06/13/05

CONSENT: Superfund (CERCLA) Consent Decrees

Source: Department of Justice, Consent Decree Library
Telephone: Varies

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/14/04
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/05
Date of Next Scheduled EDR Contact: 07/25/05

ROD: Records Of Decision

Source: EPA
Telephone: 703-416-0223

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: 01/10/05
Database Release Frequency: Annually

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

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

Date of Government Version: 04/28/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/04/05
Date of Next Scheduled EDR Contact: 08/01/05

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

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: 04/11/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/04
Database Release Frequency: Annually

Date of Last EDR Contact: 04/19/05
Date of Next Scheduled EDR Contact: 07/18/05

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

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: 01/12/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/11/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/30/05
Date of Next Scheduled EDR Contact: 08/27/05

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 202-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/22/05
Date of Next Scheduled EDR Contact: 05/23/05

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-564-3887

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: 12/21/04
Database Release Frequency: Annually

Date of Last EDR Contact: 02/23/05
Date of Next Scheduled EDR Contact: 05/09/05

DOD: Department of Defense Sites

Source: USGS
Telephone: 703-682-9801

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: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/08/05
Date of Next Scheduled EDR Contact: 05/09/05

UMTRA: Uranium Mill Tailings Sites

Source: Department of Energy
Telephone: 505-845-0011

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. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 12/29/04
Database Release Frequency: Varies

Date of Last EDR Contact: 03/22/05
Date of Next Scheduled EDR Contact: 06/20/05

ODI: Open Dump Inventory

Source: Environmental Protection Agency
Telephone: 800-424-9346

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: 06/30/85
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/23/95
Date of Next Scheduled EDR Contact: N/A

FUDS: Formerly Used Defense Sites

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/03
Database Release Frequency: Varies

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

INDIAN RESERV: Indian Reservations

Source: USGS

Telephone: 202-208-3710

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: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/06/05
Date of Next Scheduled EDR Contact: 05/09/05

US ENG CONTROLS: Engineering Controls Sites List

Source: Environmental Protection Agency

Telephone: 703-603-6867

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 affect human health.

Date of Government Version: 01/10/05
Database Release Frequency: Varies

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

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: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/07/05
Date of Next Scheduled EDR Contact: 06/06/05

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-566-3250

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: 12/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 03/22/05
Date of Next Scheduled EDR Contact: 06/20/05

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/02
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 04/05/05
Date of Next Scheduled EDR Contact: 06/06/05

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

Source: EPA

Telephone: 202-566-1667

Date of Government Version: 04/13/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/21/05
Date of Next Scheduled EDR Contact: 06/20/05

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5009

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: 12/31/03
Database Release Frequency: Annually

Date of Last EDR Contact: 04/19/05
Date of Next Scheduled EDR Contact: 07/18/05

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-586-1667

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: 04/13/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/21/05
Date of Next Scheduled EDR Contact: 06/20/05

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 02/07/05
Date Made Active at EDR: 04/05/05
Database Release Frequency: Annually

Date of Data Arrival at EDR: 03/01/05
Elapsed ASTM days: 35
Date of Last EDR Contact: 03/01/05

CAL-SITES: Calsites Database

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

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.

Date of Government Version: 02/07/05
Date Made Active at EDR: 04/05/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/01/05
Elapsed ASTM days: 35
Date of Last EDR Contact: 03/01/05

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-845-8400

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

Date of Government Version: 12/31/03
Date Made Active at EDR: 06/25/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/18/04
Elapsed ASTM days: 38
Date of Last EDR Contact: 02/23/05

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL, EPA/Office of Emergency Information

Telephone: 916-323-8100

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWFALS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/01
Date Made Active at EDR: 07/26/01
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 05/29/01
Elapsed ASTM days: 58
Date of Last EDR Contact: 04/25/05

NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board
Telephone: 916-445-3646

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/00
Elapsed ASTM days: 18
Date of Last EDR Contact: 04/15/05

TOXIC PITS: Toxin Pits Cleanup Act Sites

Source: State Water Resources Control Board
Telephone: 916-227-4364

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: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 02/01/05

SWFLF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board
Telephone: 916-341-8320

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

Date of Government Version: 03/14/05
Date Made Active at EDR: 04/05/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/15/05
Elapsed ASTM days: 21
Date of Last EDR Contact: 03/15/05

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board
Telephone: 916-227-4448

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: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 03/07/05

LUST: Geotracker's Leaking Underground Fuel Tank Report

Source: State Water Resources Control Board
Contact: San Diego County Dept of Env Health, (619) 338-2395

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.

Date of Government Version: 01/10/05
Date Made Active at EDR: 02/21/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/10/05
Elapsed ASTM days: 42
Date of Last EDR Contact: 04/13/05

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services

Telephone: 916-255-2118

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: 01/01/89

Date Made Active at EDR: 08/02/94

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94

Elapsed ASTM days: 6

Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities

Source: SWRCB

Contact: San Diego County Dept of Env Health, (619) 338-2335

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/12/05

Date Made Active at EDR: 05/06/05

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/13/05

Elapsed ASTM days: 23

Date of Last EDR Contact: 04/13/05

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Contains low throughput 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: 02/07/05

Date Made Active at EDR: 03/31/05

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/01/05

Elapsed ASTM days: 30

Date of Last EDR Contact: 03/01/05

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

Source: Environmental Protection Agency

Telephone: 415-972-3372

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/18/05

Date Made Active at EDR: 04/13/05

Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/21/05

Elapsed ASTM days: 23

Date of Last EDR Contact: 02/22/05

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

Source: EPA Region 10

Telephone: 206-553-2857

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/02/05

Date Made Active at EDR: 03/28/05

Database Release Frequency: Varies

Date of Data Arrival at EDR: 02/02/05

Elapsed ASTM days: 54

Date of Last EDR Contact: 01/31/05

INDIAN UST: Underground Storage Tanks on Indian Land

Source: EPA Region 9

Telephone: 415-972-3368

Date of Government Version: 11/02/04

Date Made Active at EDR: 12/13/04

Database Release Frequency: Varies

Date of Data Arrival at EDR: 11/03/04

Elapsed ASTM days: 40

Date of Last EDR Contact: 02/22/05

CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency

Telephone: 916-341-5851

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/06/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board
Telephone: 916-341-5851

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: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/26/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board
Telephone: 916-341-5712

Registered Aboveground Storage Tanks.

Date of Government Version: 02/01/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/24/05
Date of Next Scheduled EDR Contact: 05/02/05

CLEANERS: Cleaner Facilities

Source: Department of Toxic Substance Control
Telephone: 916-327-4468

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 laundries; laundry and garment services.

Date of Government Version: 04/18/05
Database Release Frequency: Annual

Date of Last EDR Contact: 04/15/05
Date of Next Scheduled EDR Contact: 07/04/05

CA WDS: Waste Discharge System

Source: State Water Resources Control Board
Telephone: 916-341-5227

Sites which have been issued waste discharge requirements.

Date of Government Version: 03/21/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/22/05
Date of Next Scheduled EDR Contact: 06/20/05

DEED: Deed Restriction Listing

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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: 04/05/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NFA: No Further Action Determination

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 02/07/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

EMI: Emissions Inventory Data

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

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

Date of Government Version: 12/31/02
Database Release Frequency: Varies

Date of Last EDR Contact: 04/22/05
Date of Next Scheduled EDR Contact: 07/18/05

WIP: Well Investigation Program Case List

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726

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

Date of Government Version: 04/26/05
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/05
Date of Next Scheduled EDR Contact: 07/26/05

REF: Unconfirmed Properties Referred to Another Agency

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 02/07/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

SCH: School Property Evaluation Program

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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: 02/07/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

NFE: Properties Needing Further Evaluation

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 02/07/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

SLIC: Statewide SLIC Cases

Source: State Water Resources Control Board
Contact: San Diego County Dept of Env Health, (619) 338-2395

The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/12/05
Database Release Frequency: Varies

Date of Last EDR Contact: 04/13/05
Date of Next Scheduled EDR Contact: 07/11/05

HAZNET: Facility and Manifest Data

Source: California Environmental Protection Agency
Telephone: 916-255-1138

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: 12/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 02/17/05
Date of Next Scheduled EDR Contact: 05/08/05

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 02/14/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/25/05
Date of Next Scheduled EDR Contact: 07/25/05

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 02/15/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/25/05
Date of Next Scheduled EDR Contact: 07/25/05

CONTRA COSTA COUNTY:

Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2256

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

Date of Government Version: 03/04/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/28/05
Date of Next Scheduled EDR Contact: 05/30/05

FRESNO COUNTY:

CUPA Resources List

Source: Dept. of Community Health
Telephone: 559-445-3277

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/31/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/19/05
Date of Next Scheduled EDR Contact: 05/09/05

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 12/13/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/05
Date of Next Scheduled EDR Contact: 06/06/05

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 02/01/05
Database Release Frequency: Varies

Date of Last EDR Contact: 02/18/05
Date of Next Scheduled EDR Contact: 05/16/05

City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department
Telephone: 310-524-2236

Date of Government Version: 02/14/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/14/05
Date of Next Scheduled EDR Contact: 05/16/05

City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 03/28/03
Database Release Frequency: Annually

Date of Last EDR Contact: 02/23/05
Date of Next Scheduled EDR Contact: 05/23/05

City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department
Telephone: 310-518-2973

Date of Government Version: 03/24/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/28/05
Date of Next Scheduled EDR Contact: 05/16/05

City of Los Angeles Landfills

Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 03/01/05
Database Release Frequency: Varies

Date of Last EDR Contact: 03/18/05
Date of Next Scheduled EDR Contact: 06/13/05

HMS: Street Number List

Source: Department of Public Works
Telephone: 828-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 02/28/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/14/05
Date of Next Scheduled EDR Contact: 05/16/05

Site Mitigation List

Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/09/05
Database Release Frequency: Annually

Date of Last EDR Contact: 02/14/05
Date of Next Scheduled EDR Contact: 05/16/05

San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-972-3178

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

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/06/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites

Source: Public Works Department Waste Management
Telephone: 415-499-8647
Currently permitted USTs in Marin County.

Date of Government Version: 02/05/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/31/05
Date of Next Scheduled EDR Contact: 05/02/05

NAPA COUNTY:

Sites With Reported Contamination

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 03/29/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/28/05
Date of Next Scheduled EDR Contact: 06/27/05

Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management
Telephone: 707-253-4239

Date of Government Version: 03/25/05
Database Release Frequency: Annually

Date of Last EDR Contact: 03/28/05
Date of Next Scheduled EDR Contact: 06/27/05

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/01/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/11/05
Date of Next Scheduled EDR Contact: 06/06/05

List of Underground Storage Tank Facilities

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 03/01/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/11/05
Date of Next Scheduled EDR Contact: 06/06/05

List of Industrial Site Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/05
Database Release Frequency: Annually

Date of Last EDR Contact: 03/11/05
Date of Next Scheduled EDR Contact: 06/06/05

PLACER COUNTY:

Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-888-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/05/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/21/05
Date of Next Scheduled EDR Contact: 06/20/05

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Source: Department of Public Health
Telephone: 909-358-8855
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/14/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/18/05
Date of Next Scheduled EDR Contact: 07/18/05

Underground Storage Tank Tank List

Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 02/14/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/18/05
Date of Next Scheduled EDR Contact: 07/18/05

SACRAMENTO COUNTY:

CS - Contaminated Sites

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 12/30/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/05
Date of Next Scheduled EDR Contact: 05/02/05

ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 12/30/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/05
Date of Next Scheduled EDR Contact: 05/02/05

SAN BERNARDINO COUNTY:

Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/25/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/05
Date of Next Scheduled EDR Contact: 06/06/05

SAN DIEGO COUNTY:

Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 09/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 02/22/05
Date of Next Scheduled EDR Contact: 05/23/05

Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

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: 06/29/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/22/05
Date of Next Scheduled EDR Contact: 07/04/05

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Source: Department of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 03/09/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/05
Date of Next Scheduled EDR Contact: 06/06/05

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 03/09/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/05
Date of Next Scheduled EDR Contact: 06/06/05

SAN MATEO COUNTY:

Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 02/14/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/11/05
Date of Next Scheduled EDR Contact: 07/11/05

Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/28/05
Database Release Frequency: Annually

Date of Last EDR Contact: 04/11/05
Date of Next Scheduled EDR Contact: 07/11/05

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-285-2800

Date of Government Version: 03/29/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/29/05
Date of Next Scheduled EDR Contact: 06/27/05

Hazardous Material Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 01/14/05
Database Release Frequency: Annually

Date of Last EDR Contact: 03/07/05
Date of Next Scheduled EDR Contact: 06/06/05

SOLANO COUNTY:

Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770

Date of Government Version: 04/18/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/18/05
Date of Next Scheduled EDR Contact: 06/13/05

Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770

Date of Government Version: 04/18/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/18/05
Date of Next Scheduled EDR Contact: 06/13/05

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 04/25/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/25/05
Date of Next Scheduled EDR Contact: 07/25/05

SUTTER COUNTY:

Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 01/29/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/18/05
Date of Next Scheduled EDR Contact: 07/04/05

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.
Date of Government Version: 08/01/04
Database Release Frequency: Annually

Date of Last EDR Contact: 02/23/05
Date of Next Scheduled EDR Contact: 05/23/05

Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).
Date of Government Version: 03/01/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/18/05
Date of Next Scheduled EDR Contact: 06/13/05

Underground Tank Closed Sites List

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.
Date of Government Version: 03/30/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/15/05
Date of Next Scheduled EDR Contact: 07/11/05

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.
Date of Government Version: 03/01/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/18/05
Date of Next Scheduled EDR Contact: 06/13/05

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health
Telephone: 530-866-8646
Date of Government Version: 01/18/05
Database Release Frequency: Annually

Date of Last EDR Contact: 04/18/05
Date of Next Scheduled EDR Contact: 07/18/05

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Co: 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: 02/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/23/05
Date of Next Scheduled EDR Contact: 05/23/05

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-226-0457

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/11/05
Date of Next Scheduled EDR Contact: 07/11/05

LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/19/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/14/05
Date of Next Scheduled EDR Contact: 05/16/05

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-8600

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

Date of Government Version: 09/07/04
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/29/05
Date of Next Scheduled EDR Contact: 06/27/05

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3281

Date of Government Version: 04/01/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/19/05
Date of Next Scheduled EDR Contact: 07/04/05

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

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

Date of Government Version: 09/09/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/12/05
Date of Next Scheduled EDR Contact: 06/06/05

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 08/09/04
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/15/05
Date of Next Scheduled EDR Contact: 07/04/05

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 02/26/04
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/29/05
Date of Next Scheduled EDR Contact: 06/27/05

LUST REG 8: Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130

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: 02/14/05
Database Release Frequency: Varies

Date of Last EDR Contact: 02/08/05
Date of Next Scheduled EDR Contact: 05/09/05

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/01 Database Release Frequency: No Update Planned Date of Last EDR Contact: 04/19/05 Date of Next Scheduled EDR Contact: 07/16/05

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Date of Government Version: 04/03/03 Database Release Frequency: Semi-Annually Date of Last EDR Contact: 02/23/05 Date of Next Scheduled EDR Contact: 05/23/05

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Any contaminated site that impacts groundwater or has the potential to impact groundwater.
Date of Government Version: 09/30/04 Database Release Frequency: Quarterly Date of Last EDR Contact: 04/11/05 Date of Next Scheduled EDR Contact: 07/11/05

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Any contaminated site that impacts groundwater or has the potential to impact groundwater.
Date of Government Version: 03/21/05 Database Release Frequency: Semi-Annually Date of Last EDR Contact: 02/14/05 Date of Next Scheduled EDR Contact: 05/23/05

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Any contaminated site that impacts groundwater or has the potential to impact groundwater.
Date of Government Version: 11/17/04 Database Release Frequency: Varies Date of Last EDR Contact: 04/25/05 Date of Next Scheduled EDR Contact: 07/25/05

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-467-3291
Unregulated sites that impact groundwater or have the potential to impact groundwater.
Date of Government Version: 04/01/05 Database Release Frequency: Semi-Annually Date of Last EDR Contact: 04/05/05 Date of Next Scheduled EDR Contact: 07/04/05

SLIC REG 6L: SLIC Sites
Source: California Regional Water Quality Control Board, Lapuyan Region
Telephone: 530-542-5574
Date of Government Version: 09/07/04 Database Release Frequency: Varies Date of Last EDR Contact: 03/07/05 Date of Next Scheduled EDR Contact: 06/06/05

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6593
Date of Government Version: 01/26/05 Database Release Frequency: Semi-Annually Date of Last EDR Contact: 04/18/05 Date of Next Scheduled EDR Contact: 07/04/05

SLIC REG 7: SLIC List
Source: California Regional Water Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7481

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/24/04
Database Release Frequency: Varies

Date of Last EDR Contact: 02/22/05
Date of Next Scheduled EDR Contact: 05/23/05

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-762-3298

Date of Government Version: 07/01/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/06/05
Date of Next Scheduled EDR Contact: 07/04/05

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 618-467-2980

Date of Government Version: 09/10/04
Database Release Frequency: Annually

Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

EDR PROPRIETARY HISTORICAL DATABASES

EDR Historical Gas Station and Dry Cleaners: EDR has searched select national collections of business directories and has collected listings of potential dry cleaner and 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 dry cleaning and 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, dry cleaner, cleaners, laundry, laundromat, cleaning/laundry, wash & dry, etc.*

This information is meant to assist and complement environmental professionals in their conduct of environmental site assessments, and is not meant to be a substitute for a full historical investigation as defined in ASTM E1527. The information provided in this proprietary database may or may not be complete; i.e., the absence of a dry cleaner or gas station/filling station/service station site does not necessarily mean that such a site did not exist in the area covered by this report.

(A note on "dry cleaning" sites: it is not possible for EDR to differentiate between establishments that use PERC on-site as a cleaning solvent and sites that function simply as drop-off and pick-up locations or that are traditional wet cleaning/laundry facilities. Therefore, it is essential for environmental professionals to incorporate professional judgment in the evaluation of each site.)

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

BROWNFIELDS DATABASES

VCP: Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/07/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency
Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 01/13/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/14/05
Date of Next Scheduled EDR Contact: 06/13/05

US INST CONTROL: Sites with Institutional Controls

Source: Environmental Protection Agency
Telephone: 703-603-8867

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: 01/10/05
Database Release Frequency: Varies

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

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.

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: PennWell Corporation
Telephone: (800) 823-8277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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: 312-250-5991

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 918-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1998 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 from the U.S. Fish and Wildlife Service

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

OLSON - OCEANSIDE
4617 NORTH RIVER ROAD
OCEANSIDE, CA 92057

TARGET PROPERTY COORDINATES

Latitude (North):	33.245300 - 33° 14' 43.1"
Longitude (West):	117.313103 - 117° 18' 47.2"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	470832.0
UTM Y (Meters):	3678333.2
Elevation:	71 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle 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. 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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

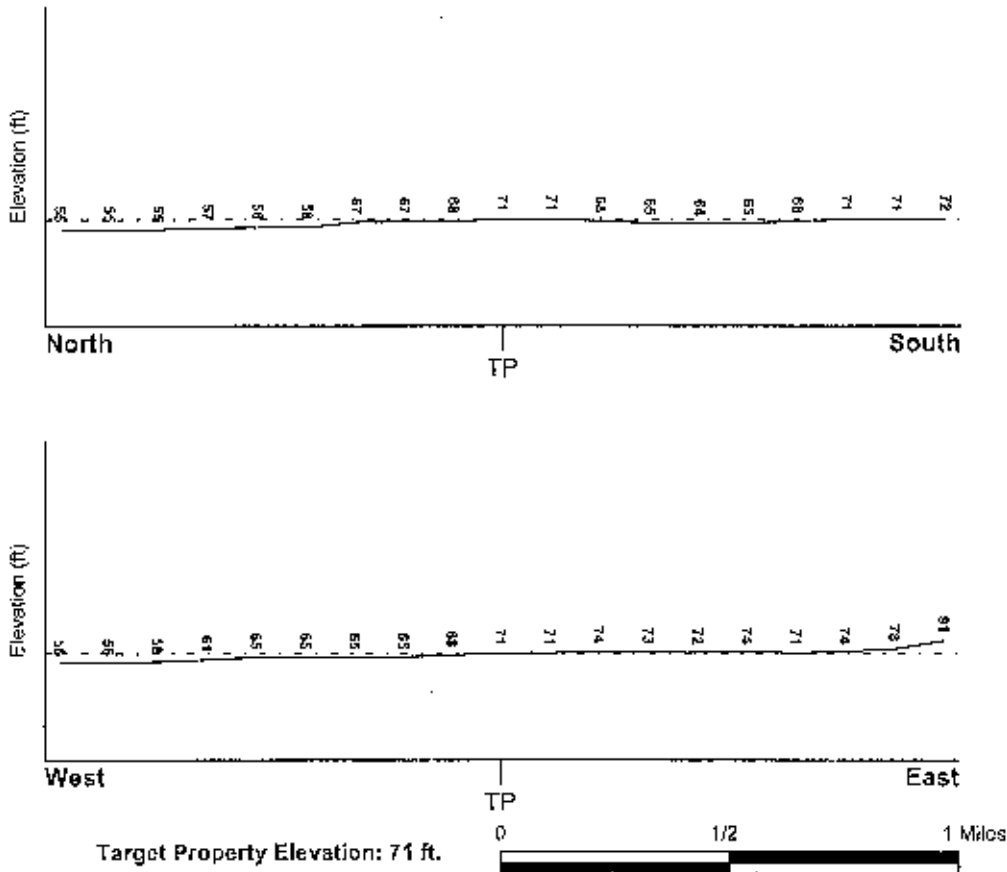
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 33117-B3 SAN LUIS REY, CA
 General Topographic Gradient: General West
 Source: USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood Electronic Data</u>
SAN DIEGO, CA	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
SAN LUIS REY	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

AQUIFLOWSM

Search Radius: 1.000 Mile.

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

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

* 1996 Site-specific hydrogeology data gathered by CERCLIS Alaris, Inc., Bridgewater Island, WA. All rights reserved. All of the information and opinions presented are those of the client EDR's records, which were computerized under a combination of Environmental Response, Contamination and Liability Information System (CERCLIS/EnviroLogic).

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Tertiary
Series: Eocene
Code: Te (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: TUJUNGA
Soil Surface Texture: sand
Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.80 Min: 6.10
2	12 inches	48 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.80 Min: 6.10
3	48 inches	60 inches	stratified	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 7.80 Min: 6.10

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinate soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam
very gravelly - coarse sand
gravelly - sandy loam
clay loam
loam
very gravelly - sandy loam

Surficial Soil Types: sandy loam
very gravelly - coarse sand
gravelly - sandy loam
clay loam
loam
very gravelly - sandy loam

Shallow Soil Types: fine sandy loam
gravelly - loam

Deeper Soil Types: very fine sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

shaly - loam
gravelly - sandy loam

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS3128396	0 - 1/8 Mile East
A2	USGS3128384	0 - 1/8 Mile SE
A3	USGS3128397	0 - 1/8 Mile West
A4	USGS3128367	0 - 1/8 Mile SSW
B5	USGS3128368	0 - 1/8 Mile SW
B6	USGS3128350	0 - 1/8 Mile SSW
7	USGS3128437	1/8 - 1/4 Mile NNW
C8	USGS3128418	1/8 - 1/4 Mile ENE
9	USGS3128363	1/8 - 1/4 Mile SE
D*0	USGS3128551	1/8 - 1/4 Mile SSW
D*1	USGS3128550	1/8 - 1/4 Mile SSW
C*2	USGS3128423	1/8 - 1/4 Mile ENE
D*3	USGS3128543	1/8 - 1/4 Mile SSW
E14	USGS3128362	1/8 - 1/4 Mile ESE
E15	USGS3128383	1/8 - 1/4 Mile East
F16	USGS3128385	1/8 - 1/4 Mile West
17	USGS3128517	1/4 - 1/2 Mile South
18	USGS3128537	1/4 - 1/2 Mile SE
19	USGS3128382	1/4 - 1/2 Mile East
F20	USGS3128419	1/4 - 1/2 Mile West
F21	USGS3128369	1/4 - 1/2 Mile West
F22	USGS3128405	1/4 - 1/2 Mile West
F23	USGS3128406	1/4 - 1/2 Mile West
G24	USGS3221545	1/4 - 1/2 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G25	USGS3131587	1/4 - 1/2 Mile West
G26	USGS3128407	1/4 - 1/2 Mile West
G27	USGS3221648	1/4 - 1/2 Mile West
G28	USGS3128408	1/4 - 1/2 Mile West
29	USGS3128519	1/4 - 1/2 Mile SE
30	USGS3128381	1/4 - 1/2 Mile East
G31	USGS3128370	1/4 - 1/2 Mile West
32	USGS3128398	1/4 - 1/2 Mile West
H33	USGS3128395	1/4 - 1/2 Mile East
H34	USGS3128394	1/4 - 1/2 Mile East
H35	USGS3128374	1/4 - 1/2 Mile East
136	USGS3128448	1/2 - 1 Mile ENE
J37	USGS3129459	1/2 - 1 Mile SSW
38	USGS3128399	1/2 - 1 Mile West
39	USGS3128393	1/2 - 1 Mile East
K40	USGS3128359	1/2 - 1 Mile West
L41	USGS3128272	1/2 - 1 Mile ENE
42	USGS3128652	1/2 - 1 Mile SSW
L43	USGS3128338	1/2 - 1 Mile NW
L44	USGS3128337	1/2 - 1 Mile NW
K45	USGS3128544	1/2 - 1 Mile WSW
J46	USGS3128449	1/2 - 1 Mile SSW
M47	USGS3128473	1/2 - 1 Mile SW
48	USGS3128488	1/2 - 1 Mile SW
N49	USGS3128456	1/2 - 1 Mile SSE
N50	USGS3128457	1/2 - 1 Mile SSE
51	USGS3128519	1/2 - 1 Mile WSW
M52	USGS3128468	1/2 - 1 Mile SW
53	USGS3128642	1/2 - 1 Mile SSE
O54	USGS3128417	1/2 - 1 Mile East
P55	USGS3128640	1/2 - 1 Mile SSW
Q56	USGS3128455	1/2 - 1 Mile SE
R57	USGS3128400	1/2 - 1 Mile West
R58	USGS3128401	1/2 - 1 Mile West
O59	USGS3128432	1/2 - 1 Mile East
O60	USGS3128392	1/2 - 1 Mile East
S61	USGS3128513	1/2 - 1 Mile SSE
S62	USGS3128514	1/2 - 1 Mile SSE
O63	USGS3128391	1/2 - 1 Mile East
O64	USGS3128390	1/2 - 1 Mile East
P65	USGS3128617	1/2 - 1 Mile SSW
T66	USGS3128262	1/2 - 1 Mile ENE
T67	USGS3128263	1/2 - 1 Mile ENE
Q68	USGS3128656	1/2 - 1 Mile SE
L69	USGS3128454	1/2 - 1 Mile SE
L70	USGS3128452	1/2 - 1 Mile SE
U71	USGS3128453	1/2 - 1 Mile SE
L72	USGS3128465	1/2 - 1 Mile SE
73	USGS3128209	1/2 - 1 Mile North
V74	USGS3128699	1/2 - 1 Mile SSE
75	USGS3128464	1/2 - 1 Mile SE
W76	USGS3128637	1/2 - 1 Mile SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
X77	USGS3128300	1/2 - 1 Mile SSW
V78	USGS3128598	1/2 - 1 Mile SSE
79	USGS3128442	1/2 - 1 Mile East
Y60	USGS3128389	1/2 - 1 Mile East
Y81	USGS3128380	1/2 - 1 Mile East
W82	USGS3128565	1/2 - 1 Mile SW
83	USGS3128518	1/2 - 1 Mile WSW
Z84	USGS3128303	1/2 - 1 Mile ENE
85	USGS3128480	1/2 - 1 Mile WSW
Z88	USGS3128313	1/2 - 1 Mile ENE
X87	USGS3128581	1/2 - 1 Mile SSW
X58	USGS3128580	1/2 - 1 Mile SSW
89	USGS3128458	1/2 - 1 Mile WSW
90	USGS3128301	1/2 - 1 Mile SW
AA91	USGS3128568	1/2 - 1 Mile SSW
AA92	USGS3128567	1/2 - 1 Mile SSW
AB93	USGS3128566	1/2 - 1 Mile SSE
AB94	USGS3128565	1/2 - 1 Mile SSE
95	USGS3128626	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

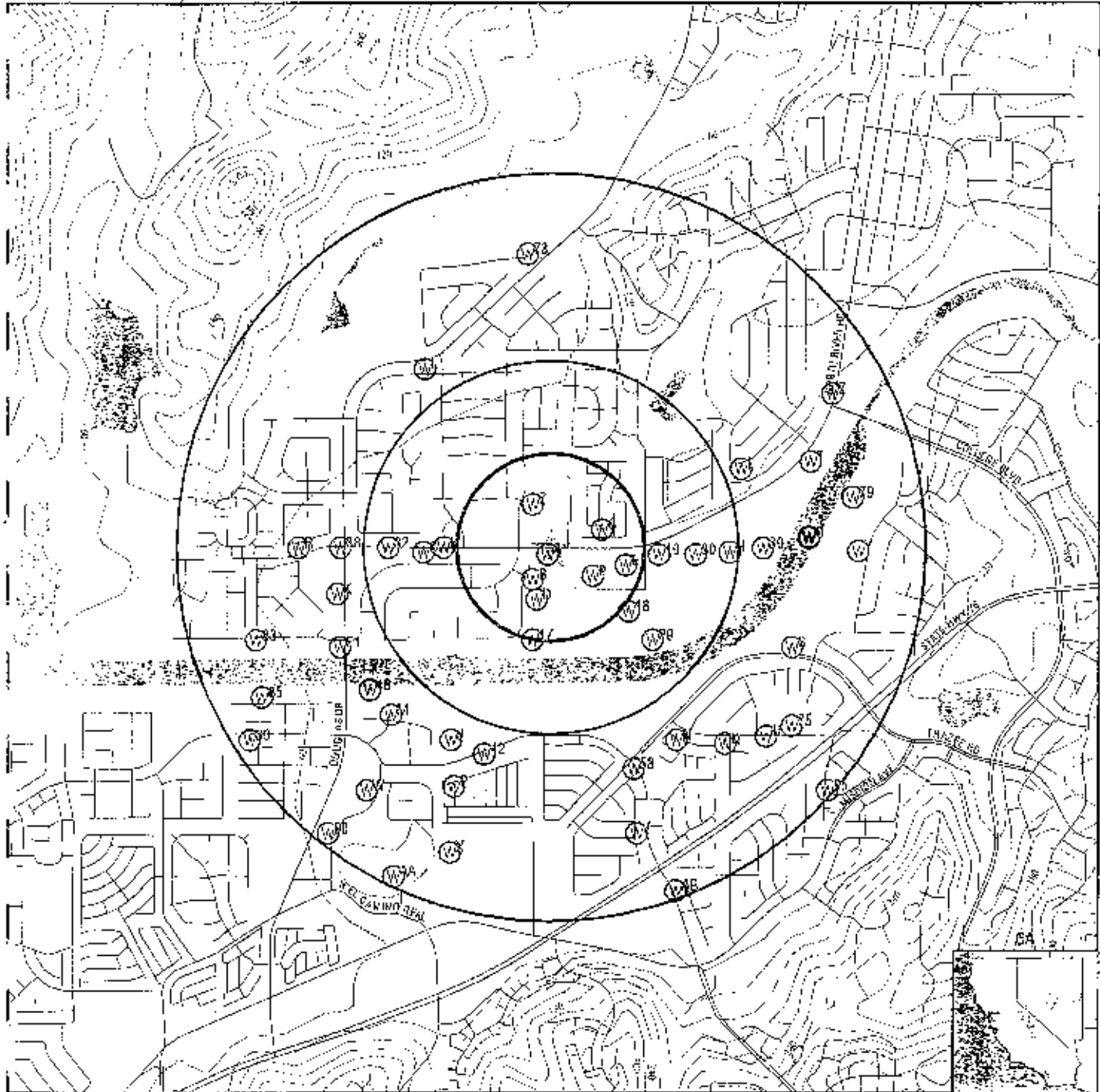
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 1425996.2s



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

- ↑ Groundwater Flow Direction
- (G) Indeterminate Groundwater Flow at Location
- (GV) Groundwater Flow Varies at Location
- (HD) Closest Hydrogeological Data
- Oil, gas or related wells

TARGET PROPERTY: Olson - Oceanside
 ADDRESS: 4617 North River Road
 CITY/STATE/ZIP: Oceanside CA 92057
 LAT/LONG: 33.2453 / 117.3131

CUSTOMER: SECOR International, Inc.
 CONTACT: Justin Hone
 INQUIRY #: 1425996.2s
 DATE: May 20, 2005 7:39 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
East
0 - 1/8 Mile
Higher

FED USGS USGS3128306

Agency cd:	USGS	Site no:	331443117184301
Site name:	011S004W04M003S		
Latitude:	331443		
Longitude:	1171843	Dec lat:	33.24531267
Dec lon:	-117.31281483	Coord meth:	M
Coord acc:	U	Lat/long datum:	NAD27
Dec lat/long datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	68.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey/Escondido, California. Area = 786 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1922
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	121	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels. Number of Measurements: 0

A2
SE
0 - 1/8 Mile
Higher

FED USGS USGS3128384

Agency cd:	USGS	Site no:	331442117184301
Site name:	011S004W04Z001S		
Latitude:	331442		
Longitude:	1171843	Dec lat:	33.2450346
Dec lon:	-117.31281483	Coord meth:	M
Coord acc:	U	Lat/long datum:	NAD27
Dec lat/long datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	67.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey/Escondido, California. Area = 786 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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

Ground-water levels, Number of Measurements: 0

A3
West
0 - 1/8 Mile
Higher

FED USGS USGS3128397

Agency cd: USGS	Site no: 331443117184601
Site name: 011SD04W04M0045	
Latitude: 331443	
Longitude: 1171946	Dec lat: 33.24531266
Dec lon: -117.3196489	Coord meth: M
Coord sys: J	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: 70.00	Altitude method: M
Altitude accuracy: 10	Altitude datum: NGVD29
Hydrologic: San Luis Rey Escarpment, California. Area = 788 sq.mi.	
Topographic: Fla: surface	
Site type: Ground-water other than Spring	Date construction: 1948
Data inventoried: Not Reported	Mean greenwich time offset: PST
Local standard time flag: Y	Type of ground water site: Single well, other than collector or Ranney type
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: 114	Hole depth: Not Reported
Source of depth data: Not Reported	Project number: Not Reported
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 1966-02-01	Ground water data end date: 1966-02-01
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sea level
1966-02-01	59.00	

A4
SSW
0 - 1/8 Mile
Higher

FED USGS USGS3128367

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	3314401171B4801
Site name:	011S004W04NB01S		
Latitude:	33° 44'		
Longitude:	117° 18' 46"	Dec lat:	33.24447938
Dec lon:	-117.31364819	Coord meth:	M
Coord sys:	U	Latlong datum:	NAD27
Dec lat/long datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	70.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey/Escondido, California. Area = 786 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1952
Date inventoried:	Not Reported	Mean greenwlch time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	131	Well depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1953-08-12
Water quality data end date:	1967-03-22	Water quality data count:	22
Ground water data begin date:	1966-02-01	Ground water data end date:	1966-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-02-01	61.00	

B5
SW
0 - 1/8 Mile
Higher

FED USGS USGS3128368

Agency cd:	USGS	Site no:	3314401171B4801
Site name:	011S004W05R004S		
Latitude:	33° 44'		
Longitude:	117° 18' 48"	Dec lat:	33.24447938
Dec lon:	-117.31428376	Coord meth:	M
Coord sys:	U	Latlong datum:	NAD27
Dec lat/long datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	68.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey/Escondido, California. Area = 786 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1911
Date inventoried:	Not Reported	Mean greenwlch time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Well depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

B6
SSW
0 - 1/8 Mile
Higher
USGS
FED USGS
USGS3128350

Agency cd: USGS
Site name: 0115334W04N02S
Longitude: 117.816
Latitude: 33.1437
Dec lon: -117.81364819
Dec lat: 33.24364805
Coord meth: M
Lat/long datum: NAD27
District: 08
County: 073
Land use: Not Reported
Map scale: Not Reported
Altitude method: M
Altitude datum: N.GVD29
Topographic: Flat surface
Site type: Ground-water other than Spring
Date inventoried: Not Reported
Local standard time flag: Y
Aquifer type: Not Reported
Aquifer: Not Reported
Well depth: 125
Source of depth data: Not Reported
Real time data flag: Not Reported
Daily flow data end date: Not Reported
Daily flow data begin date: Not Reported
Peak flow data end date: Not Reported
Peak flow data begin date: Not Reported
Water quality data end date: Not Reported
Water quality data begin date: Not Reported
Ground water data count: Not Reported
Ground water data begin date: Not Reported
Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

USGS
FED USGS
USGS3128437

Agency cd: USGS
Site name: 0115334W04Z02S
Longitude: 117.847
Latitude: 33.1449
Dec lon: -117.81392587
Dec lat: 33.24697927
Coord meth: M
Lat/long datum: NAD27
District: 08
County: 073
Land use: Not Reported
Map scale: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	80.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California, Area = 766 sq. mi.	Topographic:	Flat surface
Site type:	Ground-water other than Spring	Date inventoried:	Not Reported
Local standard time flag:	Y	Mean greenwich time offset:	PST
Aquifer Type:	Not Reported	Type of ground water site:	Single well, other than collector or Ramney type
Aquifer:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

CS
ENE
 1/8 - 1/4 Mile
 Higher

FED USGS USGS3128418

Agency cd: LSGS Site no: 331445117193601

Site name: 015004W04M0018

Latitude: 331445

Longitude: 1171836

Location: -117.31087034

Coord. math: M

Coord. math: NAD27

Country: US

State: DE

County: 06

District: Not Reported

Land use: Not Reported

Map scale: Not Reported

Altitude method: M

Altitude datum: NGVD29

Topographic: Flat surface

Site type: Ground-water other than Spring

Date inventoried: Not Reported

Local standard time flag: Y

Aquifer Type: Not Reported

Aquifer: Not Reported

Well depth: 137

Source of depth data: Not Reported

Real time data flag: 0

Daily flow data end date: 0000-00-00

Peak flow data begin date: 0000-00-00

Peak flow data count: 0

Water quality data end date: 1965-10-19

Ground water data begin date: 0000-00-00

Ground water data count: 0

Agency cd: LSGS

Site no: 331445117193601

Latitude: 331445

Longitude: 1171836

Location: -117.31087034

Coord. math: M

Coord. math: NAD27

Country: US

State: DE

County: 06

District: Not Reported

Land use: Not Reported

Map scale: Not Reported

Altitude method: M

Altitude datum: NGVD29

Topographic: Flat surface

Site type: Ground-water other than Spring

Date inventoried: Not Reported

Local standard time flag: Y

Aquifer Type: Not Reported

Aquifer: Not Reported

Well depth: 137

Source of depth data: Not Reported

Real time data flag: 0

Daily flow data end date: 0000-00-00

Peak flow data begin date: 0000-00-00

Peak flow data count: 0

Water quality data end date: 1965-10-19

Ground water data begin date: 0000-00-00

Ground water data count: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

9
SE
1/8 - 1/4 Mile
Higher

FED USGS USGS3128363

Agency cd:	USGS	Site no:	331438117183701
Site name:	0115004W04N003S		
Latitude:	331438	Dec lat:	33.2442016
Longitude:	1171837	Coord meth:	M
Dec lon:	-117.31114813	Latlong datum:	NAD27
Coord acc:	U	District:	06
Dec lat/long datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	M
Altitude:	69.00	Altitude datum:	NGVD29
Altitude accuracy:	10		
Hydrologic:	San Luis Rey/Escondido, California. Area = 768 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1948
Data inventoried:	Not Reported	Mean greenwich time offset:	PSY
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	137	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1966-02-01	Ground water data end date:	1966-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

	Feet below Surface	Feet to Sealevel
1966-02-01	64.00	

D10
SSW
1/8 - 1/4 Mile
Lower

FED USGS USGS3128551

Agency cd:	USGS	Site no:	331438117184602
Site name:	0115004W04Z004S		
Latitude:	331438	Dec lat:	33.24336829
Longitude:	1171846	Coord meth:	M
Dec lon:	-117.3138482	Latlong datum:	NAD27
Coord acc:	U	District:	06
Dec lat/long datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	76.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis ReyEscondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1923
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported		
Source of depth data:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data end date:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

D11
SSW
 1/8 - 1/4 Mile
 Lower

FED USGS USGS3128550

Agency cd:	USCS	Site no:	33143617184601
Site name:	011S004W04Z003S		
Latitude:	331436	Dec lat:	33.24336829
Longitude:	1171846	Coord math:	M
Dec on:	-117.3136482	Latlong datum:	NAD27
Coord zone:	U	District:	06
Dec along datum:	NAD83	County:	073
State:	08	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	M
Altitude:	66.00	Altitude datum:	NGVD29
Altitude accuracy:	10		
Hydrologic:	San Luis ReyEscondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1924
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported		
Source of depth data:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data end date:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID: Direction Distance Elevation
 C12
 ENE
 1/8 - 1/4 Mile
 Higher

Agency: USGS Site name: 0115004W05R0015
 Longitude: 117.1835
 Latitude: 33.1448
 Dec lat: 117.1835
 Dec lon: -117.31059255
 Coord meth: U
 Letting datum: NAD83
 District: 06
 County: 06
 State: 06
 Country: US
 Location map: Not Reported
 Altitude: 65.00
 Altitude accuracy: 10
 Hydrologic: San Luis Rey Escorrido, California, Area = 765 sqmi;
 Topographic: Flat surface
 Site type: Ground-water other than Spring
 Date inventoried: Not Reported
 Loop standard time flag: Y
 Aquifer type: Not Reported
 Aquifer: Not Reported
 Well depth: 118
 Source of depth data: Not Reported
 Real time data flag: 0
 Daily flow data end date: 0000-00-00
 Daily flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data begin date: 0
 Water quality data end date: 1958-10-29
 Water quality data count: 2
 Ground water data begin date: 1966-02-01
 Ground water data count: 1
 Ground-water levels: Number of Measurements: 1
 Date: Surface Seal: 1966-02-01 89.00

Agency: USGS Site no: 331446117183501
 Longitude: 117.1835
 Latitude: 33.24614598
 Dec lat: 33.24614598
 Dec lon: M
 Coord meth: NAD27
 Letting datum: NAD27
 District: 06
 County: 073
 State: Not Reported
 Country: Not Reported
 Location map: Not Reported
 Altitude: Not Reported
 Altitude accuracy: Not Reported
 Hydrologic: San Luis Rey Escorrido, California, Area = 765 sqmi;
 Topographic: Flat surface
 Site type: Ground-water other than Spring
 Date inventoried: Not Reported
 Loop standard time flag: Y
 Aquifer type: Not Reported
 Aquifer: Not Reported
 Well depth: Not Reported
 Source of depth data: Not Reported
 Real time data flag: 0
 Daily flow data end date: 0000-00-00
 Daily flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data begin date: 0000-00-00
 Water quality data end date: 1954-08-00
 Water quality data count: 2
 Ground water data begin date: 1966-02-01
 Ground water data count: 1
 Ground-water levels: Number of Measurements: 1
 Date: Surface Seal: 1966-02-01 89.00

Agency: USGS Site no: 331436117184701
 Longitude: 117.1847
 Latitude: 33.1435
 Dec lat: 33.24309052
 Dec lon: M
 Coord meth: NAD27
 Letting datum: NAD27
 District: 06
 County: 073
 State: Not Reported
 Country: Not Reported
 Location map: Not Reported
 Altitude: Not Reported
 Altitude accuracy: Not Reported
 Hydrologic: San Luis Rey Escorrido, California, Area = 765 sqmi;
 Topographic: Flat surface
 Site type: Ground-water other than Spring
 Date inventoried: Not Reported
 Loop standard time flag: Y
 Aquifer type: Not Reported
 Aquifer: Not Reported
 Well depth: Not Reported
 Source of depth data: Not Reported
 Real time data flag: 0
 Daily flow data end date: 0000-00-00
 Daily flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data begin date: 0000-00-00
 Water quality data end date: 1954-08-00
 Water quality data count: 2
 Ground water data begin date: 1966-02-01
 Ground water data count: 1
 Ground-water levels: Number of Measurements: 1
 Date: Surface Seal: 1966-02-01 89.00

Agency: USGS Site no: 331436117184701
 Longitude: 117.1847
 Latitude: 33.1435
 Dec lat: 33.24309052
 Dec lon: M
 Coord meth: NAD27
 Letting datum: NAD27
 District: 06
 County: 073
 State: Not Reported
 Country: Not Reported
 Location map: Not Reported
 Altitude: Not Reported
 Altitude accuracy: Not Reported
 Hydrologic: San Luis Rey Escorrido, California, Area = 765 sqmi;
 Topographic: Flat surface
 Site type: Ground-water other than Spring
 Date inventoried: Not Reported
 Loop standard time flag: Y
 Aquifer type: Not Reported
 Aquifer: Not Reported
 Well depth: Not Reported
 Source of depth data: Not Reported
 Real time data flag: 0
 Daily flow data end date: 0000-00-00
 Daily flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data begin date: 0000-00-00
 Water quality data end date: 1954-08-00
 Water quality data count: 2
 Ground water data begin date: 1966-02-01
 Ground water data count: 1
 Ground-water levels: Number of Measurements: 1
 Date: Surface Seal: 1966-02-01 89.00

Agency: USGS Site no: 331436117184701
 Longitude: 117.1847
 Latitude: 33.1435
 Dec lat: 33.24309052
 Dec lon: M
 Coord meth: NAD27
 Letting datum: NAD27
 District: 06
 County: 073
 State: Not Reported
 Country: Not Reported
 Location map: Not Reported
 Altitude: Not Reported
 Altitude accuracy: Not Reported
 Hydrologic: San Luis Rey Escorrido, California, Area = 765 sqmi;
 Topographic: Flat surface
 Site type: Ground-water other than Spring
 Date inventoried: Not Reported
 Loop standard time flag: Y
 Aquifer type: Not Reported
 Aquifer: Not Reported
 Well depth: Not Reported
 Source of depth data: Not Reported
 Real time data flag: 0
 Daily flow data end date: 0000-00-00
 Daily flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data begin date: 0000-00-00
 Water quality data end date: 1954-08-00
 Water quality data count: 2
 Ground water data begin date: 1966-02-01
 Ground water data count: 1
 Ground-water levels: Number of Measurements: 1
 Date: Surface Seal: 1966-02-01 89.00

Agency: USGS Site no: 331436117184701
 Longitude: 117.1847
 Latitude: 33.1435
 Dec lat: 33.24309052
 Dec lon: M
 Coord meth: NAD27
 Letting datum: NAD27
 District: 06
 County: 073
 State: Not Reported
 Country: Not Reported
 Location map: Not Reported
 Altitude: Not Reported
 Altitude accuracy: Not Reported
 Hydrologic: San Luis Rey Escorrido, California, Area = 765 sqmi;
 Topographic: Flat surface
 Site type: Ground-water other than Spring
 Date inventoried: Not Reported
 Loop standard time flag: Y
 Aquifer type: Not Reported
 Aquifer: Not Reported
 Well depth: Not Reported
 Source of depth data: Not Reported
 Real time data flag: 0
 Daily flow data end date: 0000-00-00
 Daily flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data begin date: 0000-00-00
 Water quality data end date: 1954-08-00
 Water quality data count: 2
 Ground water data begin date: 1966-02-01
 Ground water data count: 1
 Ground-water levels: Number of Measurements: 1
 Date: Surface Seal: 1966-02-01 89.00

Agency: USGS Site no: 331436117184701
 Longitude: 117.1847
 Latitude: 33.1435
 Dec lat: 33.24309052
 Dec lon: M
 Coord meth: NAD27
 Letting datum: NAD27
 District: 06
 County: 073
 State: Not Reported
 Country: Not Reported
 Location map: Not Reported
 Altitude: Not Reported
 Altitude accuracy: Not Reported
 Hydrologic: San Luis Rey Escorrido, California, Area = 765 sqmi;
 Topographic: Flat surface
 Site type: Ground-water other than Spring
 Date inventoried: Not Reported
 Loop standard time flag: Y
 Aquifer type: Not Reported
 Aquifer: Not Reported
 Well depth: Not Reported
 Source of depth data: Not Reported
 Real time data flag: 0
 Daily flow data end date: 0000-00-00
 Daily flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data begin date: 0000-00-00
 Water quality data end date: 1954-08-00
 Water quality data count: 2
 Ground water data begin date: 1966-02-01
 Ground water data count: 1
 Ground-water levels: Number of Measurements: 1
 Date: Surface Seal: 1966-02-01 89.00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	65.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California, Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1962
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	132	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1953-08-12
Water quality data end date:	1960-02-10	Water quality data count:	5
Ground water data begin date:	1966-02-01	Ground water data end date:	1966-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-02-01	58.00	

E14
ESE
 1/8 - 1/4 Mile
 Higher

FED USGS USGS3126362

Agency cd:	USGS	Site no:	331439117183201
Site name:	011S004W04N004S		
Latitude:	331439		
Longitude:	1171832	Dec lat:	33.24420161
Dec lon:	-117.3097592	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	Country:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	70.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California, Area = 766 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1966-02-01	Ground water data end date:	1966-02-01
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-02-01	72.00	

1966-02-01 72.00

E15
East
1/8 - 1/4 Mile
Higher

FED USGS USGS3128383

Agency cd:	USGS	Site no:	331442117183101
Site name:	011S004W04Z005S		
Latitude:	331442		
Longitude:	1171831	Dec lat:	33.24503491
Dec lon:	-117.30948141	Coord meth:	M
Coord acc:	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:	76.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido California. Area = 766 sq.ml.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Well depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

F16
West
1/8 - 1/4 Mile
Lower

FED USGS USGS3128385

Agency cd:	USGS	Site no:	331442117185901
Site name:	011S004W05RU05S		
Latitude:	331442		
Longitude:	1171858	Dec lat:	33.24503488
Dec lon:	-117.31725939	Coord meth:	M
Coord acc:	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	66.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq. mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1930
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported		
Source of depth data:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data end date:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

17
South
1/4 - 1/2 Mile
Lower

FED USGS USGS3128517

Agency cd:	USGS	Site no:	3314301171B4701
Site name:	011S004W05R002S		
Latitude:	331430		
Longitude:	1171847	Dec lat:	33.24170168
Dec lon:	-117.31392589	Coor meth:	M
Coor acc:	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:	64.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq. mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1939
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	22.0	Well depth:	Not Reported
Source of depth data:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data end date:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

18
SE
 1/4 - 1/2 Mile
 Lower

FED USGS USGS9128537

Agency cd:	USGS	Site no:	331434117183101
Site name:	011SD04W04P003S		
Latitude:	331434		
Longitude:	-1171831	Dec lat:	33.24281277
Dec lon:	-117.30948142	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Dec lat/long datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	No: Reported	Map scale:	Not Reported
Altitude:	68.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD28
Hydrologic:	San Luis Rey Escondido, California. Area = 786 sq. mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	137	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1966-02-01	Ground water data end date:	1966-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Foot to Sealevel
1966-02-01	64.00	

19
East
 1/4 - 1/2 Mile
 Higher

FED USGS USGS3128382

Agency cd:	USGS	Site no:	331442117182601
Site name:	011SC04W04P002S		
Latitude:	331442		
Longitude:	-1171826	Dec lat:	33.24533492
Dec lon:	-117.30839249	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Dec lat/long datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	71.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Esccondido, California, Area = 759 sq.mil.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring		
Date inventoried:	Not Reported		
Local standard time flag:	Y		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	62.0		
Source of depth data:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00		
Daily flow data begin date:	0000-00-00		
Peak flow data count:	0		
Water quality data end date:	1964-11-15		
Ground water data begin date:	0000-00-00		
Ground water data count:	0		

Ground-water levels; Number of Measurements: 0

Agency cd:	USGS	Site no:	331445117190201
Site name:	0115004W05K006S	Dec lat:	33.24586818
Latitude:	331445	Coord mch:	M
Longitude:	1171902	Coord mch:	-117.31803274
Decl lon:	U	Coord mch:	M
Coord acc:	117.31803274	Coord mch:	M
Dec lat/long datum:	NAD83	Coord mch:	M
State:	08	Coord mch:	M
Country:	US	Coord mch:	M
Location map:	Not Reported	Coord mch:	M
Altitude:	65.00	Coord mch:	M
Altitude accuracy:	10	Coord mch:	M
Hydrologic:	San Luis Rey Esccondido, California, Area = 766 sq.mil.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring		
Date inventoried:	Not Reported		
Local standard time flag:	Y		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	119		
Source of depth data:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00		
Daily flow data begin date:	0000-00-00		
Peak flow data count:	0		
Water quality data end date:	1965-10-19		
Ground water data begin date:	1966-02-01		
Ground water data count:	1		

Agency cd: USGS
 Site no: 331445117190201
 Date construction: Not Reported
 Mean Greenwich time offset: PST
 Type of ground water site: Single well, other than collector or Ramney type

FED USGS USGS3128419

F20
 West
 1/4 - 1/2 Mile
 Lower

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-02-01	55.00	

F21
West
1/4 - 1/2 Mile
Lower

FED USGS USGS3128369

Agency cd:	USGS	Site no:	331443117190201
Site name:	0115004W05Q001S		
Latitude:	33° 44'		
Longitude:	117° 15'	Dec lat:	33.24447934
Dec lon:	-117.31809275	Coord meth:	M
Coord accur:	U	Latlong datum:	NAD27
Dec lat/long datum:	NAD83	District:	CS
State:	CS	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	65.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1937
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Rainey type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	143	Ho'e depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1967-10-22
Water quality data end date:	1965-10-19	Water quality data count:	3
Ground water data begin date:	1966-02-01	Ground water data end date:	1966-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-02-01	55.00	

F22
West
1/4 - 1/2 Mile
Lower

FED USGS USGS3128405

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	33144417190301
Site name:	011S004W05K001S		
Latitude:	331444		
Longitude:	1171903	Declal:	33.24559041
Declon:	-117.31837053	Coord meth:	M
Coord accr:	U	Latlong datum:	NAD27
Declatlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	62.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis ReyEscondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1953
Date inventoried:	Not Reported	Mean greenwch time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	207	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1953-08-12
Water quality data end date:	1964-11-30	Water quality data count:	18
Ground water data begin date:	1966-02-01	Ground water data end date:	1986-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-02-01	56.00	

F23
West
1/4 - 1/2 Mile
Lower

FED USGS USGS3128406

Agency cd:	USGS	Site no:	331444117190302
Site name:	011S004W05K004S		
Latitude:	331444		
Longitude:	1171903	Declal:	33.24559041
Declon:	-117.31837053	Coord meth:	M
Coord accr:	U	Latlong datum:	NAD27
Declatlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	64.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis ReyEscondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1919
Date inventoried:	Not Reported	Mean greenwch time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	150	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1966-02-01
 Ground water data count: 1

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1966-02-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-02-01	56.00	

G24
 West
 1/4 - 1/2 Mile
 Lower

FED USGS USGS3221545

Agency cd:	USGS	Site no:	331442117190402
Site name:	0:1S004W05Q003S		
Latitude:	331442		
Longitude:	1171934	Dec lat:	33.24503488
Declon:	-117.31864832	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Declong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	65.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escandlb. California. Area = 766 sq mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single wcl , other than collector or Ranney type
Aquifer type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

G25
 West
 1/4 - 1/2 Mile
 Lower

FED USGS USGS3131587

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	331442117130401
Site name:	011S004W05Q0C25		
Latitude:	331442		
Longitude:	1171904	Dec lat:	33.24503458
Dec lon:	-117.31864832	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	08	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	65.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis ReyEsccondido, California. Area = 766 sq.mil.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1925
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

G28
West
1/4 - 1/2 Mile
Lower

FED USGS USGS3128407

Agency cd:	USGS	Site no:	331444117190401
Site name:	011S004W05K003S		
Latitude:	331444		
Longitude:	1171904	Dec lat:	33.24559041
Dec lon:	-117.31864831	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	08	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	65.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis ReyEsccondido, California. Area = 788 sq.mil.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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

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

Ground-water levels, Number of Measurements: 0

G27
 West
 1/4 - 1/2 Mile
 Lower

FED USGS USGS3221548

Agency cd:	USGS	Site no:	331442117190501
Site name:	011S004W05Z001S		
Latitude:	331442	Dec lat:	33.24503488
Longitude:	1171905	Coord meth:	M
Dec lon:	-117.3189261	Lat/long datum:	NAD27
Coord accr:	U	District:	06
Dec lat/long datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	L
Altitude:	64.00	Altitude datum:	NGVD29
Altitude accuracy:	10		
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq. mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1912
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

G28
 West
 1/4 - 1/2 Mile
 Lower

FED USGS USGS3128408

Agency cd:	USGS	Site no:	331444117190601
Site name:	011S004W05X002S		
Latitude:	331444	Dec lat:	33.24559041
Longitude:	1171838	Coord meth:	M
Dec lon:	-117.31920388	Lat/long datum:	NAD27
Coord accr:	U	District:	06
Dec lat/long datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	Site no:	Agency name:	Latitude:	Longitude:	Dec lon:	Coord acc:	Dec lat/datum:	State:	County:	Location map:	Altitude:	Altitude accuracy:	Hydrologic:	Topographic:	Site type:	Date inventoried:	Local standard time flag:	Aquifer type:	Aquifer:	Well depth:	Source of depth data:	Real time data flag:	Daily flow data end date:	Daily flow data begin date:	Peak flow data end date:	Peak flow data begin date:	Water quality data end date:	Water quality data begin date:	Ground water data count:
USGS	391430117182731	USGS	33.2417317	-117.30837028	U	117 30837028	NAD83	08	US	Not Reported	89.00	10	San Luis ReyEsccondido, California, Area = 766 sq.mi.	Flat surface	Ground-water, other than Spring	Not Reported	Y	Not Reported	Not Reported	2:2	Not Reported	0	0000-00-00	0000-00-00	0000-00-00	1953-07-10	1953-03-27	4	
FED USGS		FED USGS																											
USGS3128516		USGS3128516																											

Agency cd:	Site no:	Agency name:	Latitude:	Longitude:	Dec lon:	Coord acc:	Dec lat/datum:	State:	County:	Location map:	Altitude:	Altitude accuracy:	Hydrologic:	Topographic:	Site type:	Date inventoried:	Local standard time flag:	Aquifer type:	Aquifer:	Well depth:	Source of depth data:	Real time data flag:	Daily flow data end date:	Daily flow data begin date:	Peak flow data end date:	Peak flow data begin date:	Water quality data end date:	Water quality data begin date:	Ground water data count:
USGS	391430117182731	USGS	33.2417317	-117.30837028	U	117 30837028	NAD83	08	US	Not Reported	89.00	10	San Luis ReyEsccondido, California, Area = 766 sq.mi.	Flat surface	Ground-water, other than Spring	Not Reported	Y	Not Reported	Not Reported	153	Not Reported	0	0000-00-00	0000-00-00	0000-00-00	1958-06-27	1971-10-13	4	
FED USGS		FED USGS																											
USGS3128516		USGS3128516																											

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1965-12-01	63.00	

G30
East
1/4 - 1/2 Mile
Higher

FED USGS USGS3128381

Agency cd:	USGS	Site no:	331442117182001
Site name:	011S004W04P001S		
Latitude:	331442		
Longitude:	1171820	Dec lat:	33.24503492
Dec lon:	-117.30642579	Coor meth:	M
Coor accr:	U	Lat/long datum:	NAD27
Dec lat/long datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	73.00	Altitude method:	M
Altitude accuracy:	13	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California, Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

G31
West
1/4 - 1/2 Mile
Lower

FED USGS USGS3128370

Agency cd:	USGS	Site no:	33144017190901
Site name:	011S004W05Q004S		
Latitude:	331440		
Longitude:	1171908	Dec lat:	33.24447934
Dec lon:	-117.31975846	Coor meth:	M
Coor accr:	U	Lat/long datum:	NAD27
Dec lat/long datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	65.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1954
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	150	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1961-09-27
Water quality data end date:	1961-09-27	Water quality data count:	1
Ground water data begin date:	1966-02-01	Ground water data end date:	1966-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-02-01	56.00	

32

West
1/4 - 1/2 Mile
Lower

FED USGS USGS3128398

Agency cd:	USGS	Site no:	331443117191101
Site name:	011S034W05K005S		
Latitude:	331443	Dec lat:	33.24531264
Longitude:	1171911	Coord meth:	M
Doc ion:	-117.32059281	Latlong datum:	NAD27
Coord acc:	U	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Locator map:	Not Reported	Altitude method:	M
Altitude:	65.00	Altitude datum:	NGVD29
Altitude accuracy:	10		
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1941
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	138	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1954-06-00
Water quality data end date:	1958-10-28	Water quality data count:	3
Ground water data begin date:	1966-02-01	Ground water data end date:	1966-02-01
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-02-01	56.00	

1966-02-01 56.00

H33
East
1/4 - 1/2 Mile
Higher

FED USGS USGS3128395

Agency cd:	USGS	Site no:	331443117181501
Site name:	011S004W04Q0013		
Latitude:	331443		
Longitude:	1171815	Dec lat:	33.24531269
Doc lon:	-117.30503685	Coor meth:	M
Coor accr:	L	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:	70.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD28
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Undulating		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Data inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Rainey type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	96.0	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

H34
East
1/4 - 1/2 Mile
Higher

FED USGS USGS3128394

Agency cd:	USGS	Site no:	331443117181401
Site name:	011S004W04Q003S		
Latitude:	331443		
Longitude:	1171814	Dec lat:	33.2453127
Doc lon:	-117.30475907	Coor meth:	M
Coor accr:	L	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	70.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Undulating		
Site type:	Ground-water other than Spring	Date construction:	1936
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	66.0	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1958-00-27
Water quality data end date:	1959-06-27	Water quality data count:	1
Ground water data begin date:	1966-02-01	Ground water data end date:	1966-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sea level
1966-02-01	63.00	

H35

East
1/4 - 1/2 Mile
Higher

FED USGS USGS3126374

Agency cd:	USGS	Site no:	331441117181401
Site name:	011S004W04Q005S		
Latitude:	331441	Dec lat:	33.24475716
Longitude:	1171814	Coor meth:	M
Dec lon:	-117.30475907	Latlong datum:	NAD27
Coor sys:	U	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	M
Altitude:	70.00	Altitude datum:	NGVD29
Altitude accuracy:	10		
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1966-02-01	Ground water data end date:	1966-02-01
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-02-01	64.00	

J36
ENE
1/2 - 1 Mile
Higher

FED USGS USGS3128448

Agency cd:	USGS	Site no:	331452117181301
Site name:	0115004W04K003S		
Latitude:	331452		
Longitude:	1171813	Dec lat:	33.24781261
Declon:	-117.30448127	Coor meth:	M
Coor acsr:	U	Latlong datum:	NAD27
Declatlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	91.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mil.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Data construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ramney type
Aquifer type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported		
Source of depth data:	Not Reported		
Real time data flag:	0	Isola depth:	Not Reported
Daily flow data begin date:	0000-00-00	Project number:	Not Reported
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data begin date:	1958-10-29	Water quality data begin date:	1958-06-27
Water quality data end date:	0000-00-00	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

J37
SSW
1/2 - 1 Mile
Lower

FED USGS USGS3128459

Agency cd:	USGS	Site no:	331417117190001
Site name:	0115004W08Z010S		
Latitude:	331417		
Longitude:	1171900	Dec lat:	33.23809068
Declon:	-117.31753721	Coor meth:	M
Coor acsr:	U	Latlong datum:	NAD27
Declatlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	65.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq. mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

38

West
1/2 - 1 Mile
Lower

FED USGS USGS3128399

Agency cd:	USGS	Site no:	331443117191901
Site name:	011S004W05P002S		
Latitude:	331443	Dec lat:	33.24531263
Longitude:	1171919	Coor meth:	M
Dec lon:	-117.32281509	Latlong datum:	NAD27
Coor abbr:	L	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	M
Altitude:	62.00	Altitude datum:	NGVD29
Altitude accuracy:	10		
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq. mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1941
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	105	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1966-02-01	Ground water data end date:	1966-02-01
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1988-02-01	53.00	

39
East
1/2 - 1 Mile
Higher

FED USGS USGS3128393

Agency cd:	USGS	Site no:	331443117181201
Site name:	011S004WJ4K005S		
Latitude:	331443.0		
Longitude:	1171812.0	Dec lat:	33.24527778
Dec lon:	-117.30333333	Coord meth:	G
Coord acc:	5	Latlong datum:	NAD83
Dec lat/long datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land use:	Not Reported
Location map:	SAN LUIS REY	Map scale:	24000
Altitude:	72	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Not Reported		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19850412
Date inventoried:	20040714	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ramney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	135	Well depth:	140
Source of depth data:	driller	Project number:	8877BHM22
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

K40
West
1/2 - 1 Mile
Lower

FED USGS USGS3128359

Agency cd:	USGS	Site no:	331438117181901
Site name:	011S004W05P003S		
Latitude:	331438		
Longitude:	1171819	Dec lat:	33.24392879
Dec lon:	-117.3228151	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Dec lat/long datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land use:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	62.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey/Escondido, California, Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Well depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1988-02-01	Ground water data end date:	1986-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1988-02-01	54.00	

141
ENE
1/2 - 1 Mile
Higher

FED USGS USGS3128272

Agency cd:	USGS	Site no:	33145811718120*
Site name:	0118004W04G002S		
Latitude:	331458	Dec lat:	33.24692368
Longitude:	1171812	Coord meth:	M
Dec lon:	-117.30420349	Latlong datum:	NAD27
Coord acc:	U	District:	08
Dec latlong datum:	NAD83	County:	073
State:	08	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	M
Altitude:	91.00	Altitude datum:	NGVD29
Altitude accuracy:	10		
Hydrologic:	San Luis Rey/Escondido, California, Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Well depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1958-08-27
Water quality data end date:	1961-10-05	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID: Direction Distance Elevation

42 SSW 1/2 - 1 Mile Lower

Agency cd: USGS Site name: 0115004W88H025

Latitude: 331414 Longitude: 1171855

Dec ent: -117.31814828

Coord datum: L

State: NA D83

Country: US

Location map: Not Reported

Altitude: 80.00

Altitude accuracy: 10

Hydrologic: San Luis Rey Escarpment, California, Area = 766 sq mi

Topographic: Flat surface

Site type: Ground-water other than Spring

Date inventoried: Not Reported

Local standard time flag: Y

Aquifer type: Not Reported

Aquifer: Not Reported

Well depth: 117

Source of depth data: Not Reported

Real time data flag: 0

Daily flow data end date: 0000-00-00

Daily flow data begin date: 0000-00-00

Peak flow data end date: 0000-00-00

Peak flow data count: 0

Water quality data end date: 1955-10-20

Ground water data begin date: 1966-01-01

Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date: 1966-01-01 54.00

Foot below Surface: Feet to Seal level

Agency cd: USGS Site name: 0115004W05G0025

Latitude: 331805 Longitude: 117.3182808

Dec ent: -117.3182808

Coord datum: U

State: NA D83

Country: US

Location map: Not Reported

Altitude: 33.25225885

Altitude accuracy: 18

Hydrologic: Single well, other than collector or Ranney type

Topographic: Not Reported

Site type: Not Reported

Date inventoried: Not Reported

Local standard time flag: Not Reported

Aquifer type: Not Reported

Aquifer: Not Reported

Well depth: Not Reported

Source of depth data: Not Reported

Real time data flag: Not Reported

Daily flow data end date: 0000-00-00

Daily flow data begin date: 0000-00-00

Peak flow data end date: 0000-00-00

Peak flow data count: 0

Water quality data end date: 1953-08-12

Ground water data begin date: 1966-01-01

Ground water data count: 18

Ground-water levels, Number of Measurements: 1

Date: 1966-01-01 54.00

Foot below Surface: Feet to Seal level

Agency cd: USGS Site name: 0115004W88H025

Latitude: 331414 Longitude: 1171855

Dec ent: -117.31814828

Coord datum: L

State: NA D83

Country: US

Location map: Not Reported

Altitude: 80.00

Altitude accuracy: 10

Hydrologic: San Luis Rey Escarpment, California, Area = 766 sq mi

Topographic: Flat surface

Site type: Ground-water other than Spring

Date inventoried: Not Reported

Local standard time flag: Y

Aquifer type: Not Reported

Aquifer: Not Reported

Well depth: 117

Source of depth data: Not Reported

Real time data flag: 0

Daily flow data end date: 0000-00-00

Daily flow data begin date: 0000-00-00

Peak flow data end date: 0000-00-00

Peak flow data count: 0

Water quality data end date: 1953-08-12

Ground water data begin date: 1966-01-01

Ground water data count: 18

Ground-water levels, Number of Measurements: 1

Date: 1966-01-01 54.00

Foot below Surface: Feet to Seal level

Agency cd: USGS Site name: 0115004W05G0025

Latitude: 331805 Longitude: 117.3182808

Dec ent: -117.3182808

Coord datum: U

State: NA D83

Country: US

Location map: Not Reported

Altitude: 33.25225885

Altitude accuracy: 18

Hydrologic: Single well, other than collector or Ranney type

Topographic: Not Reported

Site type: Not Reported

Date inventoried: Not Reported

Local standard time flag: Not Reported

Aquifer type: Not Reported

Aquifer: Not Reported

Well depth: Not Reported

Source of depth data: Not Reported

Real time data flag: Not Reported

Daily flow data end date: 0000-00-00

Daily flow data begin date: 0000-00-00

Peak flow data end date: 0000-00-00

Peak flow data count: 0

Water quality data end date: 1953-08-12

Ground water data begin date: 1966-01-01

Ground water data count: 18

Ground-water levels, Number of Measurements: 1

Date: 1966-01-01 54.00

Foot below Surface: Feet to Seal level

Agency cd: USGS Site name: 0115004W05G0025

Latitude: 331805 Longitude: 117.3182808

Dec ent: -117.3182808

Coord datum: U

State: NA D83

Country: US

Location map: Not Reported

Altitude: 33.25225885

Altitude accuracy: 18

Hydrologic: Single well, other than collector or Ranney type

Topographic: Not Reported

Site type: Not Reported

Date inventoried: Not Reported

Local standard time flag: Not Reported

Aquifer type: Not Reported

Aquifer: Not Reported

Well depth: Not Reported

Source of depth data: Not Reported

Real time data flag: Not Reported

Daily flow data end date: 0000-00-00

Daily flow data begin date: 0000-00-00

Peak flow data end date: 0000-00-00

Peak flow data count: 0

Water quality data end date: 1953-08-12

Ground water data begin date: 1966-01-01

Ground water data count: 18

Ground-water levels, Number of Measurements: 1

Date: 1966-01-01 54.00

Foot below Surface: Feet to Seal level

Agency cd: USGS Site name: 0115004W05G0025

Latitude: 331805 Longitude: 117.3182808

Dec ent: -117.3182808

Coord datum: U

State: NA D83

Country: US

Location map: Not Reported

Altitude: 33.25225885

Altitude accuracy: 18

Hydrologic: Single well, other than collector or Ranney type

Topographic: Not Reported

Site type: Not Reported

Date inventoried: Not Reported

Local standard time flag: Not Reported

Aquifer type: Not Reported

Aquifer: Not Reported

Well depth: Not Reported

Source of depth data: Not Reported

Real time data flag: Not Reported

Daily flow data end date: 0000-00-00

Daily flow data begin date: 0000-00-00

Peak flow data end date: 0000-00-00

Peak flow data count: 0

Water quality data end date: 1953-08-12

Ground water data begin date: 1966-01-01

Ground water data count: 18

Ground-water levels, Number of Measurements: 1

Date: 1966-01-01 54.00

Foot below Surface: Feet to Seal level

Agency cd: USGS Site name: 0115004W05G0025

Latitude: 331805 Longitude: 117.3182808

Dec ent: -117.3182808

Coord datum: U

State: NA D83

Country: US

Location map: Not Reported

Altitude: 33.25225885

Altitude accuracy: 18

Hydrologic: Single well, other than collector or Ranney type

Topographic: Not Reported

Site type: Not Reported

Date inventoried: Not Reported

Local standard time flag: Not Reported

Aquifer type: Not Reported

Aquifer: Not Reported

Well depth: Not Reported

Source of depth data: Not Reported

Real time data flag: Not Reported

Daily flow data end date: 0000-00-00

Daily flow data begin date: 0000-00-00

Peak flow data end date: 0000-00-00

Peak flow data count: 0

Water quality data end date: 1953-08-12

Ground water data begin date: 1966-01-01

Ground water data count: 18

Ground-water levels, Number of Measurements: 1

Date: 1966-01-01 54.00

Foot below Surface: Feet to Seal level

Agency cd: USGS Site name: 0115004W05G0025

Latitude: 331805 Longitude: 117.3182808

Dec ent: -117.3182808

Coord datum: U

State: NA D83

Country: US

Location map: Not Reported

Altitude: 33.25225885

Altitude accuracy: 18

Hydrologic: Single well, other than collector or Ranney type

Topographic: Not Reported

Site type: Not Reported

Date inventoried: Not Reported

Local standard time flag: Not Reported

Aquifer type: Not Reported

Aquifer: Not Reported

Well depth: Not Reported

Source of depth data: Not Reported

Real time data flag: Not Reported

Daily flow data end date: 0000-00-00

Daily flow data begin date: 0000-00-00

Peak flow data end date: 0000-00-00

Peak flow data count: 0

Water quality data end date: 1953-08-12

Ground water data begin date: 1966-01-01

Ground water data count: 18

Ground-water levels, Number of Measurements: 1

Date: 1966-01-01 54.00

Foot below Surface: Feet to Seal level

Agency cd: USGS Site name: 0115004W05G0025

Latitude: 331805 Longitude: 117.3182808

Dec ent: -117.3182808

Coord datum: U

State: NA D83

Country: US

Location map: Not Reported

Altitude: 33.25225885

Altitude accuracy: 18

Hydrologic: Single well, other than collector or Ranney type

Topographic: Not Reported

Site type: Not Reported

Date inventoried: Not Reported

Local standard time flag: Not Reported

Aquifer type: Not Reported

Aquifer: Not Reported

Well depth: Not Reported

Source of depth data: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	56.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey/Escondido, California. Area = 786 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1939
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

L44
NW
1/2 - 1 Mile
Lower

FED USGS USGS3128337

Agency cd:	LSGS	Site no:	331508117183501
Site name:	011S004V05G0815		
Latitude:	331508	Dec lat:	33.25225685
Longitude:	1171905	Coord meth:	M
Dec lon:	-117.31892609	Latlong datum:	NAD27
Coord accr:	U	District:	06
Dec lat/long datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	L
Altitude:	56.00	Altitude datum:	NGVD29
Altitude accuracy:	10		
Hydrologic:	San Luis Rey/Escondido, California. Area = 786 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1939
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

FED USGS USGS3128544

K45
 WSW
 1/2 - 1 Mile
 Lower

Agency cd:	USGS	Site no:	331435117182001
Site name:	0115004W03P001S	Dec lat:	33.24339048
Latitude:	33.1435	Coord meth:	M
Longitude:	117.1820	Dist:	06
Coord acct:	U	County:	073
Dec lat/long datum:	NAD83	Land use:	Not Reported
State:	06	Map scale:	Not Reported
Country:	US	Altitude method:	L
Location map:	Not Reported	Altitude datum:	NGVD28
Altitude:	81.00	Date construction:	1921
Altitude accuracy:	10	Ground-water other than Spring	Not Reported
Hydrologic:	San Luis ReyEsccondido, California, Area = 766 sq.mil.	Site type:	Ground-water other than Spring
Topographic:	Flat surface	Site type:	Ground-water other than Spring
Date inventoried:	Not Reported	Hydrologic:	San Luis ReyEsccondido, California, Area = 766 sq.mil.
Local standard time flag:	Y	Topographic:	Flat surface
Aquifer Type:	Not Reported	Date construction:	1921
Aquifer:	Not Reported	Ground-water other than Spring	Not Reported
Well depth:	Not Reported	Site type:	Ground-water other than Spring
Source of depth data:	Not Reported	Site type:	Ground-water other than Spring
Real time data flag:	Not Reported	Hydrologic:	San Luis ReyEsccondido, California, Area = 766 sq.mil.
Daily flow data end date:	Not Reported	Topographic:	Flat surface
Daily flow data begin date:	Not Reported	Date construction:	1921
Peak flow data end date:	Not Reported	Ground-water other than Spring	Not Reported
Peak flow data begin date:	Not Reported	Site type:	Ground-water other than Spring
Water quality data end date:	Not Reported	Site type:	Ground-water other than Spring
Water quality data begin date:	Not Reported	Hydrologic:	San Luis ReyEsccondido, California, Area = 766 sq.mil.
Ground water data end date:	Not Reported	Topographic:	Flat surface
Ground water data count:	Not Reported	Date construction:	1921
Ground-water level:	Number of measurements: 0	Ground-water other than Spring	Not Reported

FED USGS USGS3128449

J48
 SSW
 1/2 - 1 Mile
 Lower

Agency cd:	USGS	Site no:	331415117190101
Site name:	0115004W08H004S	Dec lat:	33.23753514
Latitude:	33.1415	Coord meth:	M
Longitude:	117.1901	Dist:	06
Coord acct:	U	County:	073
Dec lat/long datum:	NAD83	Land use:	Not Reported
State:	06	Map scale:	Not Reported
Country:	US	Altitude method:	M
Location map:	Not Reported	Altitude datum:	NGVD28
Altitude:	80.00	Date construction:	1964
Altitude accuracy:	10	Ground-water other than Spring	Not Reported
Hydrologic:	San Luis ReyEsccondido, California, Area = 766 sq.mil.	Site type:	Ground-water other than Spring
Topographic:	Hilltop	Site type:	Ground-water other than Spring
Date inventoried:	Not Reported	Hydrologic:	San Luis ReyEsccondido, California, Area = 766 sq.mil.
Local standard time flag:	Not Reported	Topographic:	Hilltop
Aquifer Type:	Not Reported	Date construction:	1964
Aquifer:	Not Reported	Ground-water other than Spring	Not Reported
Well depth:	Not Reported	Site type:	Ground-water other than Spring
Source of depth data:	Not Reported	Site type:	Ground-water other than Spring
Real time data flag:	Not Reported	Hydrologic:	San Luis ReyEsccondido, California, Area = 766 sq.mil.
Daily flow data end date:	Not Reported	Topographic:	Hilltop
Daily flow data begin date:	Not Reported	Date construction:	1964
Peak flow data end date:	Not Reported	Ground-water other than Spring	Not Reported
Peak flow data begin date:	Not Reported	Site type:	Ground-water other than Spring
Water quality data end date:	Not Reported	Site type:	Ground-water other than Spring
Water quality data begin date:	Not Reported	Hydrologic:	San Luis ReyEsccondido, California, Area = 766 sq.mil.
Ground water data end date:	Not Reported	Topographic:	Hilltop
Ground water data count:	Not Reported	Date construction:	1964
Ground-water level:	Number of measurements: 0	Ground-water other than Spring	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: Y	Type of ground water site: Single well, other than collector or Ranney type
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: 125	Hole depth: Not Reported
Source of depth data: Not Reported	Project number: Not Reported
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 1966-01-01	Ground water data end date: 1966-01-01
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-01-01	80.00	

M47
SW
1/2 - 1 Mile
Lower

FED USGS USGS3128473

Agency cd: USGS	Site no: 331420117191001
Site name: 0115004W08B003S	
Latitude: 331420	Dec lat: 33.23892397
Longitude: 1171910	Coord meth: M
Dec lon: -117.32031505	Latlong datum: NAD27
Coord accur: U	District: 08
Dec latlong datum: NAD83	County: 073
State: 06	Land net: Not Reported
Country: US	Map scale: Not Reported
Location map: Not Reported	Altitude method: L
Altitude: 83.00	Altitude datum: NGVD29
Altitude accuracy: 10	
Hydrologic: San Luis Rey Escondido, California. Area = 788 sq.mi.	
Topographic: Flat surface	
Site type: Ground-water other than Spring	Date construction: 1923
Date inventoried: Not Reported	Mean greenwich time offset: PST
Local standard time flag: Y	Type of ground water site: Single well, other than collector or Ranney type
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: 130	Hole depth: Not Reported
Source of depth data: Not Reported	Project number: Not Reported
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 1961-08-28
Water quality data end date: 1961-08-28	Water quality data count: 1
Ground water data begin date: 1966-01-01	Ground water data end date: 1966-01-01
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-01-01	58.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

48
SW
1/2 - 1 Mile
Lower

FED USGS USGS3128468

Agency cd:	USGS	Site no:	331423117191401
Site name:	011S004W08B002S		
Latitude:	331423	Dec lat:	33.23875727
Longitude:	1171914	Coord meth:	M
Dec lon:	-117.32142618	Latlong datum:	NAD27
Coord acc:	U	District:	06
Dec lat/long datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	M
Altitude:	59.00	Altitude datum:	NGVD29
Altitude accuracy:	10		
Hydrologic:	San Luis Rey/Escondido, California. Area = 786 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	1939
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

N49
SSE
1/2 - 1 Mile
Higher

FED USGS USGS3128468

Agency cd:	USGS	Site no:	331416117182301
Site name:	011S004W09F002S		
Latitude:	331416	Dec lat:	33.23781295
Longitude:	1171823	Coord meth:	M
Dec lon:	-117.30725916	Latlong datum:	NAD27
Coord acc:	U	District:	06
Dec lat/long datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	M
Altitude:	71.00	Altitude datum:	NGVD29
Altitude accuracy:	10		
Hydrologic:	San Luis Rey/Escondido, California. Area = 786 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	108	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1965-12-01	Ground water data end date:	1965-12-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1965-12-01	67.00	

N50
SSE
1/2 - 1 Mile
Higher

FED USGS USGS3128457

Agency cd:	USGS	Site no:	331416117182302
Site name:	011S004W03F0045		
Latitude:	331416	Dec lat:	33.23781235
Longitude:	1171823	Coord meth:	M
Dec lon:	-117.30725916	Latlong datum:	NAD27
Coord accur:	U	District:	06
Dec latlong datum:	NAD83	County:	073
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	L
Altitude:	72.00	Altitude datum:	NGVD29
Altitude accuracy:	10		
Hydrologic:	San Luis Rey/Escondido, California, Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Data inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	154	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1964-08-10
Water quality data end date:	1963-10-25	Water quality data count:	4
Ground water data begin date:	1965-12-01	Ground water data end date:	1965-12-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1965-12-01	66.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

51
WSW **FED USGS** **USGS3128515**
1/2 - 1 Mile
Lower

Agency cd:	USGS	Site no:	33142911719101
Site name:	011S004W08C001S		
Latitude:	331429		
Longitude:	1171919	Dec lat:	33.24142388
Declon:	-117.32281511	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Declatlong datum:	NAD83	District:	08
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	57.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey-Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1939
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

M52
SW **FED USGS** **USGS3128468**
1/2 - 1 Mile
Lower

Agency cd:	USGS	Site no:	331419117191101
Site name:	011S004W08B001S		
Latitude:	331419		
Longitude:	1171911	Dec lat:	33.2386462
Declon:	-117.32359284	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Declatlong datum:	NAD83	District:	08
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	51.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey-Escondido, California. Area = 766 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	1945
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: Y	Type of ground water site: Single well, other than collector or Ranney type
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: 220	Hole depth: Not Reported
Source of depth data: Not Reported	Project number: Not Reported
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 1954-08-00
Water quality data end date: 1965-10-19	Water quality data count: 6
Ground water data begin date: 1966-01-01	Ground water data end date: 1966-01-01
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-01-01	81.00	

53
SSE
1/2 - 1 Mile
Higher

FED USGS USGS3128642

Agency cd: USGS	Site no: 331412117183001
Site name: 0115004W08P001S	
Latitude: 331412	
Longitude: 1171830	Dec lat: 33.23670187
Dec lon: -117.30920366	Coord meth: M
Coord acc: U	Letlong datum: NAD27
Dec latlong datum: NAD83	District: 08
State: 06	County: 073
Country: US	Land net: Not Reported
Location map: Not Reported	Map scale: Not Reported
Altitude: 64.00	Altitude method: L
Altitude accuracy: 10	Altitude datum: NGVD29
Hydrologic: San Luis Rey Escondido, California. Area = 766 sq. mi.	
Topographic: Flat surface	
Site type: Ground-water other than Spring	Date construction: 1940
Date inventoried: Not Reported	Mean greenwich time offset: PST
Local standard time flag: Y	Type of ground water site: Single well, other than collector or Ranney type
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: 100	Hole depth: Not Reported
Source of depth data: Not Reported	Project number: Not Reported
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 1965-12-01	Ground water data end date: 1965-12-01
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1965-12-01	80.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Q54
East
1/2 - 1 Mile
Higher

FED USGS USGS3128417

Agency cd:	USGS	Site no:	331445117100301
Site name:	011S004W04K001S		
Latitude:	331445		
Longitude:	1171803	Dec lat:	33.2458824
Dec lon:	-117.30170343	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	08	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	76.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1939
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	128	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1940-09-09
Water quality data end date:	1965-10-21	Water quality data count:	11
Ground water data begin date:	1966-02-01	Ground water data end date:	1988-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Foot below Surface	Feet to Sealevel
1966-02-01	69.00	

P55
SSW
1/2 - 1 Mile
Higher

FED USGS USGS3128640

Agency cd:	USGS	Site no:	33141117190001
Site name:	011S004W09H001S		
Latitude:	331411		
Longitude:	1171900	Dec lat:	33.2364247
Dec lon:	-117.31753721	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	08	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	59.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escudido, California. Area = 766 sq. mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	1948
Date inventoried:	Not Reported	Mean greenwch time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Q56
SE
1/2 - 1 Mile
Higher

FED USGS USGS3128455

Agency cd:	USGS	Site no:	331416117181701
Site name:	011S004W009F003S		
Latitude:	331416		
Longitude:	-1171817	Dec lat:	33.23781285
Dec lon:	-117.30559245	Coor meth:	M
Coor acc:	U	Lat long datum:	NAD27
Dec lat long datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	72.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escudido, California. Area = 766 sq. mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwch time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	155	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1965-12-01	Ground water data end date:	1965-12-01
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1
 Feet below Feet to
 Surface Scale/level
 Date 1995-12-01 69.00

R57
 West
 1/2 - 1 Mile
 Lower

FED USGS USGS3128400

Agency cd: USGS Site no: 331443117192601

Site name: 0190C4W05L0015

Latitude: 331443

Longitude: 1171926

Dec lat: -117.32475958

Door mark: U

Door accn: NAD83

Country: US

State: 06

Location map: Not Reported

Altitude: 60.00

Altitude accuracy: 0

Hydrologic: San Luis Rey Escarpment, California, Area = 766 sq mi

Topographic: Flat surface

Date inventoried: Not Reported

Local standard time flag: Y

Aquifer type: Not Reported

Aquifer: Not Reported

Well depth: 210

Source of depth data: Not Reported

Real time data flag: 0

Daily flow data end date: 0000-00-00

Peak flow data end date: 0000-00-00

Peak flow data count: 0

Water quality data end date: 1972-09-13

Ground water data begin date: 1966-02-01

Ground water data count: 1

Ground-water levels, Number of Measurements: 1
 Feet below Feet to
 Surface Scale/level
 Date 1966-02-01 51.00

R58
 West
 1/2 - 1 Mile
 Lower

FED USGS USGS3128401

Agency cd: USGS Site no: 331443117192601

Site name: 0190C4W05L0015

Latitude: 331443

Longitude: 1171926

Dec lat: -117.32475958

Door mark: U

Door accn: NAD83

Country: US

State: 06

Location map: Not Reported

Altitude: 60.00

Altitude accuracy: 0

Hydrologic: San Luis Rey Escarpment, California, Area = 766 sq mi

Topographic: Flat surface

Date inventoried: Not Reported

Local standard time flag: Y

Aquifer type: Not Reported

Aquifer: Not Reported

Well depth: 210

Source of depth data: Not Reported

Real time data flag: 0

Daily flow data end date: 0000-00-00

Peak flow data end date: 0000-00-00

Peak flow data count: 0

Water quality data end date: 1972-09-13

Ground water data begin date: 1966-02-01

Ground water data count: 1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	331443117192802
Site name:	011S004W05L002S		
Latitude:	331443		
Longitude:	1171928	Dec lat:	33.24531262
Dec lon:	-117.32475958	Coord meth:	M
Coord sys:	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:	59.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1924
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels. Number of Measurements: 0

059
East
1/2 - 1 Mile
Higher

FED USGS USGS3128432

Agency cd:	USGS	Site no:	331448117180201
Site name:	011S004WC4J0D1S		
Latitude:	331448		
Longitude:	1171802	Dec lat:	33.24670156
Dec lon:	-117.30142584	Coord meth:	M
Coord sys:	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:	68.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 1958-06-20
 Ground water data begin date: 0000-00-00
 Ground water data count: 0

Water quality data begin date: 1958-06-20
 Water quality data count: 1
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

060
East
1/2 - 1 Mile
Higher

FED USGS USGS3128392

Agency cd: USGS	Site no: 331443117180101	
Site name: 011S004W04R003S		
Latitude: 331443	Dec lat: 33.24531271	
Longitude: 1171801	Coord meth: M	
Declination: -117.3014787	Latlong datum: NAD27	
Coord accur: U	District: 06	
Declatlong datum: NAD83	County: 073	
State: 08	Land use: Not Reported	
Country: US	Map scale: Not Reported	
Location map: Not Reported	Altitude method: L	
Altitude: 71.00	Altitude datum: NGVD29	
Altitude accuracy: 10		
Hydrologic: San Luis ReyEscondido, California, Area = 766 sq.mi.		
Topographic: Stream channel		
Site type: Ground-water other than Spring	Date construction: 1934	
Data inventoried: Not Reported	Mean greenwich time offset: PST	
Local standard time flag: Y	Type of ground water site: Single well, other than collector or Rainey type	
Aquifer Type: Not Reported		
Aquifer: Not Reported		
Well depth: 150	Hole depth: Not Reported	
Source of depth data: Not Reported	Project number: Not Reported	
Real time data flag: 0	Daily flow data begin date: 0000-00-00	
Daily flow data end date: 0000-00-00	Daily flow data count: 0	
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00	
Peak flow data count: 0	Water quality data begin date: 1958-06-20	
Water quality data end date: 1958-07-00	Water quality data count: 2	
Ground water data begin date: 1966-02-01	Ground water data end date: 1966-02-01	
Ground water data count: 1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1988-02-01	64.00	

S61
ESE
1/2 - 1 Mile
Higher

FED USGS USGS3128513

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	331429117180401
Site name:	311S004W09B001S		
Latitude:	331429		
Longitude:	1171804	Dec lat:	33.24142395
Dec lon:	-117.30198124	Coord meth:	M
Coord acc:	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:	70.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1948
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	154	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1954-08-00
Water quality data end date:	1954-08-00	Water quality data count:	1
Ground water data begin date:	1985-12-01	Ground water data end date:	1985-12-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1985-12-01	70.00	

S62
ESE
1/2 - 1 Mile
Higher

FED USGS USGS3128514

Agency cd:	USGS	Site no:	331429117180402
Site name:	311S004W09B002S		
Latitude:	331429		
Longitude:	1171804	Dec lat:	33.24142395
Dec lon:	-117.30198124	Coord meth:	M
Coord acc:	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:	74.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1921
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	124	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1965-12-01
 Ground water data count: 1

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1965-12-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sea level
1965-12-01	70.00	

063
 East
 1/2 - 1 Mile
 Higher

FED USGS USGS3128391

Agency cd:	USGS	Site no:	331443117180002
Site name:	0115004W04Z0065		
Latitude:	331443		
Longitude:	1171800	Dec lat:	33.24531271
Dec lon:	-117.30087008	Coord meth:	M
Coord sys:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	08
State:	06	County:	073
County:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	73.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD28
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1912
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Well depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1915-08-00
Water quality data end date:	1915-08-00	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

064
 East
 1/2 - 1 Mile
 Higher

FED USGS USGS3128390

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	331443117180001
Site name:	011S004W04K002S		
Latitude:	331443		
Longitude:	1171800	Dec lat:	33.24531271
Dec lon:	-117.30387908	Coor meth:	M
Coor acor:	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:	89.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis ReyEscondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

P65
SSW
1/2 - 1 Mile
Higher

FED USGS USGS3128617

Agency cd:	USGS	Site no:	331408117190001
Site name:	011S004W08R003S		
Latitude:	331408		
Longitude:	1171900	Dec lat:	33.23558078
Dec lon:	-117.31753722	Coor meth:	M
Coor acor:	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:	90.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis ReyEscondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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

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

Ground-water levels, Number of Measurements: 0

T66
ENE
 1/2 - 1 Mile
 Higher

FED USGS USGS3128262

Agency cd:	USGS	Site no:	331455117180101
Site name:	011S004W04G001S		
Latitude:	331455		
Longitude:	1171801	Dec lat:	33.24864593
Dec lon:	-117.30114785	Coord meth:	M
Coord acc:	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:	79.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escudo, California. Area = 766 sq. mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported		
Source of depth data:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data end date:	Not Reported		
Water quality data count:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

T67
ENE
 1/2 - 1 Mile
 Higher

FED USGS USGS3128263

Agency cd:	USGS	Site no:	331455117180102
Site name:	011S004W04G003S		
Latitude:	331455		
Longitude:	1171801	Dec lat:	33.24864593
Dec lon:	-117.30114785	Coord meth:	M
Coord acc:	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	73.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California, Area = 766 sq.mi.		
Topographic:	Stream channel		
Site type:	Ground-water other than Spring	Date construction:	1924
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported		
Source of depth data:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data begin date:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data begin date:	Not Reported		
Water quality data count:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Q68
SE
1/2 - 1 Mile
Higher

FED USGS USGS3128656

Agency cd:	USGS	Site no:	331415117181301
Site name:	011S004W09G004S		
Latitude:	331415		
Longitude:	1171813	Dec lat:	33.23753519
Dec lon:	-117.30448132	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Dec lat/long datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	73.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California, Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported		
Source of depth data:	Not Reported		
Real time data flag:	0		
Daily flow data begin date:	0000-00-00		
Daily flow data end date:	0000-00-00		
Peak flow data begin date:	0000-00-00		
Peak flow data count:	0		
Water quality data begin date:	0000-00-00		
Water quality data end date:	0000-00-00		
Ground water data begin date:	1965-12-01		
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1985-12-01	89.00	

U69
SE
1/2 - 1 Mile
Higher

FED USGS USGS3128454

Agency cd:	USGS	Site no:	331416117180903
Site name:	01'S004W09G003S		
Latitude:	331416		
Longitude:	-1171809	Dec lat:	33.23781296
Dec lon:	-117.30337018	Coord meth:	M
Coord sys:	U	Lat long datum:	NAD27
Dec lat long datum:	NAD83	District:	06
State:	CA	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	72.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 786 sq. mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single wcl, other than collector or Ranney type
Aquifer type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	109	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1985-12-01	Ground water data end date:	1985-12-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1985-12-01	79.00	

U70
SE
1/2 - 1 Mile
Higher

FED USGS USGS3128452

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd: USGS	Site no: 331416117180901
Site name: 011S004W03G001S	
Latitude: 331416	
Longitude: 1171809	Dec lat: 33.23781296
Declon: -117.30337018	Coord meth: M
Coord acc: U	Latlong datum: NAD27
Declatlong datum: NAD83	District: 06
State: 06	County: 073
Country: US	Land net: Not Reported
Location map: Not Reported	Map scale: Not Reported
Altitude: 72.00	Altitude method: M
Altitude accuracy: 10	Altitude datum: NGVD29
Hydrologic: San Luis Rey/Escondido, California, Area = 766 sq.mi.	
Topographic: Flat surface	
Site type: Ground-water other than Spring	Date construction: Not Reported
Date inventoried: Not Reported	Mean greenwch time offset: PST
Local standard time flag: Y	Type of ground water site: Single well, other than collector or Ramney type
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: 24	Hole depth: Not Reported
Source of depth data: Not Reported	Project number: Not Reported
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 1950-06-27
Water quality data end date: 1958-06-27	Water quality data count: 1
Ground water data begin date: 1965-12-01	Ground water data end date: 1965-12-01
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1965-12-01	69.00	

U71
SE
1/2 - 1 Mile
Higher

FED USGS USGS312B453

Agency cd: USGS	Site no: 331416117180902
Site name: 011S004W03G002S	
Latitude: 331416	
Longitude: 1171809	Dec lat: 33.23781296
Declon: -117.30337018	Coord meth: M
Coord acc: U	Latlong datum: NAD27
Declatlong datum: NAD83	District: 06
State: 06	County: 073
Country: US	Land net: Not Reported
Location map: Not Reported	Map scale: Not Reported
Altitude: 72.00	Altitude method: L
Altitude accuracy: 10	Altitude datum: NGVD29
Hydrologic: San Luis Rey/Escondido, California, Area = 766 sq.mi.	
Topographic: Flat surface	
Site type: Ground-water other than Spring	Date construction: Not Reported
Date inventoried: Not Reported	Mean greenwch time offset: PST
Local standard time flag: Y	Type of ground water site: Single well, other than collector or Ramney type
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: 140	Hole depth: Not Reported
Source of depth data: Not Reported	Project number: Not Reported
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 1961-03-25
 Ground water data begin date: 1965-12-01
 Ground water data count: 1

Water quality data begin date: 1958-10-28
 Water quality data count: 2
 Ground water data end date: 1965-12-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1965-12-01	68.00	

U72
SE
1/2 - 1 Mile
Higher

FED USGS USGS3128465

Agency cd:	USGS	Site no:	3314181171B08C1
Site name:	D11S004W03S003S		
Latitude:	331418		
Longitude:	1171896	Dec lat:	33.2383685
Dec in:	-117.30253682	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Dec lat/long datum:	NAD83	District:	06
State:	08	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	73.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey/Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1921
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	99.0	Well depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

73
North
1/2 - 1 Mile
Lower

FED USGS USGS3128209

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	331524117184801
Site name:	010S004W32R001S		
Latitude:	331524		
Longitude:	1171848	Dec lat:	33.25670:16
Dec lon:	-117.31420375	Coor meth:	M
Coor accr:	U	Lat long datum:	NAD27
Dec lat long datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	55.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey/Escondido, California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Rannoy type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	76.0	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1966-02-01	Ground water data end date:	1972-04-27
Ground water data count:	3		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Seallevel	Date	Feet below Surface	Feet to Seallevel
1972-04-27	7.20		1966-02-16	8.80	
1966-02-01	9.00				

V74
SSE
1/2 - 1 Mile
Higher

FED USGS USGS3128599

Agency cd:	USGS	Site no:	331403117183:01
Site name:	011S004W09L002S		
Latitude:	331403		
Longitude:	1171831	Dec lat:	33.23420195
Dec lon:	-117.30948146	Coor meth:	M
Coor accr:	U	Lat long datum:	NAD27
Dec lat long datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	72.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD28
Hydrologic:	San Luis Rey/Escondido, California. Area = 788 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1943
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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

Local standard time flag: Y
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: Not Reported
 Source of depth data: Not Reported
 Real time data flag: Not Reported
 Daily flow data end date: Not Reported
 Peak flow data begin date: Not Reported
 Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Ground-water levels, Number of Measurements: 0

75
SE
1/2 - 1 Mile
Higher

FED USGS USGS3128464

Site no: 331416117160401

Agency cd: USGS
 Site name: 011S004W002UC95
 Latitude: 331418
 Longitude: 1171604
 Dec lon: -117.30158125
 Coord meth: U
 Coord datum: NAD83
 Dec lat/long datum: 06
 State: 06
 County: 073
 Land use: Not Reported
 Map scale: Not Reported
 Altitude method: L
 Altitude datum: NGVD29
 Hydrologic: San Luis Rey Escondido, California, Area = 766 sq.mil.
 Topographic: Not Reported
 Site type: Ground-water other than Spring
 Gate inventoried: Not Reported
 Local standard time flag: Y

Date construction: Not Reported
 Mean groundwater time offset: PST
 Type of ground water site: Single well, other than collector or Ranney type
 Hole depth: Not Reported
 Project number: Not Reported
 Daily flow data begin date: Not Reported
 Daily flow data count: 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

FED USGS USGS3128637

W76
SW
1/2 - 1 Mile
Lower

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	331410117181501
Site name:	011S004W08Z008S		
Latitude:	331410		
Longitude:	1171915	Dec lat:	33.23614628
Dec lon:	-117.32170389	Coord meth:	M
Coord acc:	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:	58.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey/Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1939
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported	Hole depth:	Not Reported
Well depth:	Not Reported	Project number:	Not Reported
Source of depth data:	Not Reported	Daily flow data begin date:	Not Reported
Real time data flag:	Not Reported	Daily flow data count:	Not Reported
Daily flow data end date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data begin date:	Not Reported	Water quality data begin date:	Not Reported
Peak flow data count:	Not Reported	Water quality data count:	Not Reported
Water quality data end date:	Not Reported	Ground water data end date:	Not Reported
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

X77
SSW
1/2 - 1 Mile
Higher

FED USGS USGS3128600

Agency cd:	USGS	Site no:	331403117190001
Site name:	011S004W08J002S		
Latitude:	331403		
Longitude:	1171900	Dec lat:	33.23420192
Dec lon:	-117.31753722	Coord meth:	M
Coord acc:	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:	92.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey/Escondido, California. Area = 766 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	1951
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported	Hole depth:	Not Reported
Well depth:	119	Project number:	Not Reported
Source of depth data:	Not Reported	Daily flow data begin date:	0000-00-00
Real time data flag:	0	Daily flow data count:	0
Daily flow data end date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data begin date:	0000-00-00		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 1962-04-10
 Ground water data begin date: 0000-00-00
 Ground water data count: 0

Water quality data begin date: 1959-06-12
 Water quality data count: 18
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

V78
SSE
 1/2 - 1 Mile
 Higher

FED USGS USGS3128598

Agency cd:	USGS	Site no:	331403117182861
Site name:	0115004W09L0015		
Latitude:	331403		
Longitude:	1171828	Dec lat:	33.23420196
Dec lon:	-117.3098481	Coord meth:	M
Coord sys:	U	Latlong datum:	NAD27
Dec lat long datum:	NAD83	District:	06
State:	08	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	70.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydro gis:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1934
Date inventoried:	Not Reported	Mean greenwich line offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	78.0	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1963-11-18
Water quality data end date:	1963-11-18	Water quality data count:	1
Ground water data begin date:	1965-12-01	Ground water data end date:	1965-12-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1965-12-01	66.00	

79
East
 1/2 - 1 Mile
 Higher

FED USGS USGS3128442

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	331450117175401
Site name:	011S004W04J002S		
Latitude:	331450		
Longitude:	1171754	Dec lat:	33.24725709
Dec lon:	-117.29920336	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:	73.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey/Escondido, California, Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1955
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	145	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1958-06-27
Water quality data end date:	1965-10-21	Water quality data count:	7
Ground water data begin date:	1966-02-01	Ground water data end date:	1966-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-02-01	64.00	

Y80
East
1/2 - 1 Mile
Higher

FED USGS USGS3128389

Agency cd:	USGS	Site no:	331443117175301
Site name:	011S004W04R002S		
Latitude:	331443		
Longitude:	1171753	Dec lat:	33.24531272
Dec lon:	-117.29892559	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:	72.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey/Escondido, California, Area = 766 sq.mi.		
Topographic:	Stream channel		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	142	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1966-02-01
 Ground water data count: 1

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1966-02-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-02-01	89.00	

Y81
 East
 1/2 - 1 Mile
 Higher

FED USGS USGS3128380

Agency cd:	USGS	Site no:	331442117:75301
Site name:	0115004W04R001S		
Latitude:	331442		
Longitude:	1171753	Dec lat:	33.24503485
Dec lon:	-117.29892559	Coord meth:	M
Coord sys:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land use:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	73.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California, Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1952
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ramsey type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	180	Well depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1954-08-00
Water quality data end date:	1958-10-28	Water quality data count:	3
Ground water data begin date:	1966-02-01	Ground water data end date:	1966-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-02-01	71.00	

W82
 SW
 1/2 - 1 Mile
 Lower

FED USGS USGS3128385

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	331408117191401
Site name:	011S004W08Z007S		
Latitude:	331408		
Longitude:	-1171914	Dec lat:	33.23559075
Dec lon:	-117.32142621	Coord meth:	M
Coord acc:	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:	60.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	1939
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

83

WSW
1/2 - 1 Mile
Lower

FED USGS USGS3128518

Agency cd:	USGS	Site no:	331430117193301
Site name:	011S004W05N301S		
Latitude:	331430		
Longitude:	-1171933	Dec lat:	33.24170163
Dec lon:	-117.32670409	Coord meth:	M
Coord acc:	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:	52.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1940
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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

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

Ground-water levels, Number of Measurements: 0

Z84
ENE
 1/2 - 1 Mile
 Higher

FED USGS USGS3128303

Agency cd:	USGS	Site no:	331504117175901
Site name:	311S004W04Z008S		
Latitude:	331504		
Longitude:	1171759	Dec lat:	33.2514564
Declon:	-117.30059228	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Declatlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	80.00	Altitude method:	L
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ramney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

B5
WSW
 1/2 - 1 Mile
 Lower

FED USGS USGS3128480

Agency cd:	USGS	Site no:	331422117193201
Site name:	011S004W08C004S		
Latitude:	331422		
Longitude:	1171932	Dec lat:	33.23947948
Declon:	-117.32842632	Coord meth:	M
Coord acc:	U	Latlong datum:	NAD27
Declatlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	54.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey/Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	135	Well depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1966-01-01	Ground water data end date:	1966-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-01-01	46.00	

Z86
ENE
1/2 - 1 Mile
Higher

FED USGS USGS3128313

Agency cd:	USGS	Site no:	331505117175601
Site name:	D11S004W04Z008S		
Latitude:	331505	Dec lat:	33.25142361
Longitude:	1171756	Coord meth:	M
Declon:	-117.29975692	Latlong datum:	NAD27
Coord acc:	U	District:	06
Declatlong datum:	NAD83	County:	073
State:	08	Land no:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	L
Altitude:	51.00	Altitude datum:	NGVD29
Altitude accuracy:	10		
Hydrologic:	San Luis Rey/Escondido, California. Area = 766 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Well depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

X87
SSW
1/2 - 1 Mile
Higher

FED USGS USGS3128581

Agency cd:	USGS	Site no:	331359117190102
Site name:	0115004W08ZC095		
Latitude:	331359		
Longitude:	1171901	Dec lat:	33.23309065
Dec lon:	-117.31781501	Coord meth:	M
Coord accur:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	08
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	95.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis ReyEscondido, California Area = 766 sq.ml.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1928
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Reel time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

X88
SSW
1/2 - 1 Mile
Higher

FED USGS USGS3128580

Agency cd:	USGS	Site no:	331359117190101
Site name:	0115004W08J0048		
Latitude:	331359		
Longitude:	1171901	Dec lat:	33.23309065
Dec lon:	-117.31781501	Coord meth:	M
Coord accur:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	08
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	95.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis ReyEscondido, California, Area = 766 sq.ml.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1948
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: Y	Type of ground water site: Single well, other than collector or Ranney type
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: Not Reported	Hole depth: Not Reported
Source of depth data: Not Reported	Project number: Not Reported
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 1966-01-01	Ground water data end date: 1966-01-01
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-01-01	91.00	

89

WSW

1/2 - 1 Mile

Lower

FED USGS

USGS3128458

Agency cd: USGS	Site no: 3314'6:17189401
Site name: 011S004W08C003S	
Latitude: 331416	
Longitude: 1171934	Dec lat: 33.23781287
Dec lon: -117.32698189	Coord meth: M
Coord acc: 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: 54.00	Altitude method: M
Altitude accuracy: 10	Altitude datum: NGVD29
Hydrologic: San Luis Rey Escondido, California, Area = 766 sq.mil.	
Topographic: Flat surface	
Site type: Ground-water other than Spring	Date construction: 1949
Date inventoried: Not Reported	Mean greenwich time offset: PST
Local standard time flag: Y	Type of ground water site: Single well, other than collector or Ranney type
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: 228	Hole depth: Not Reported
Source of depth data: Not Reported	Project number: Not Reported
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 1958-06-27
Water quality data end date: 1981-09-27	Water quality data count: 3
Ground water data begin date: 1966-01-01	Ground water data end date: 1966-01-01
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

90
SW
1/2 - 1 Mile
Lower

FED USGS USGS3128601

Agency cd:	USGS	Site no:	331403117192101
Site name:	0115304W08L0055		
Latitude:	331403		
Longitude:	1171921	Dec lat:	33.2342010
Dec lon:	-117.32337071	Coord meth:	M
Coord accur:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land use:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	60.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 788 sq.mi.		
Topographic:	Hills/valley (slope)		
Site type:	Ground-water other than Spring	Date construction:	1955
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	25.0	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1966-01-01	Ground water data end date:	1966-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-01-01	60.00	

AA81
SSW
1/2 - 1 Mile
Higher

FED USGS USGS3128588

Agency cd:	USGS	Site no:	331357117191002
Site name:	0115304W08K002S		
Latitude:	331357		
Longitude:	1171910	Dec lat:	33.2325353
Dec lon:	-117.32031508	Coord meth:	M
Coord accur:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land use:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	95.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	1922
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

AA82
SSW
 1/2 - 1 Mile
 Higher

FED USGS USGS3128567

Agency cd:	USGS	Site no:	331357117191001
Site name:	011S004W08K001S		
Latitude:	331357		
Longitude:	1171910	Dec lat:	33.2325353
Dec lon:	-117.32031508	Coor meth:	M
Coor acsr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	35	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	95.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	San Luis Rey Escondido, California. Area = 766 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	400	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1954-08-00
Water quality data end date:	1972-09-13	Water quality data count:	14
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation
 Database EDR ID Number

AB93
 SSE
 1/2 - 1 Mile
 Higher
FED USGS USGS3128556

Agency cd:	USGS	Site name:	011SQ04W09ZD04S	Agency cd:	USGS	Site name:	011SQ04W09ZD03S
Latitude:	331355	Longitude:	1171823	Latitude:	331355	Longitude:	1171823
Dec lon:	-117.30725919	Coord:	U	Dec lon:	-117.30725919	Coord:	U
Dec along datum:	NAD83	State:	US	Dec along datum:	NAD83	State:	US
Country:	Not Reported	Location map:	Not Reported	Country:	Not Reported	Location map:	Not Reported
Altitude:	69.00	Altitude accuracy:	10	Altitude:	69.00	Altitude accuracy:	10
Hydrologic:	San Luis Rey/Escondido, California, Area = 758 sq.mi.	Topographic:	Flat surface	Hydrologic:	San Luis Rey/Escondido, California, Area = 758 sq.mi.	Topographic:	Flat surface
Site type:	Ground-water other than Spring	Site type:	Ground-water other than Spring	Site type:	Ground-water other than Spring	Site type:	Ground-water other than Spring
Date inventoried:	Not Reported	Date inventoried:	Not Reported	Date inventoried:	Not Reported	Date inventoried:	Not Reported
Local standard time flag:	Y	Aquifer type:	Not Reported	Local standard time flag:	Y	Aquifer type:	Not Reported
Well depth:	Not Reported	Well depth:	Not Reported	Well depth:	Not Reported	Well depth:	Not Reported
Source of depth data:	Not Reported	Source of depth data:	Not Reported	Source of depth data:	Not Reported	Source of depth data:	Not Reported
Real time data flag:	Not Reported	Real time data flag:	Not Reported	Real time data flag:	Not Reported	Real time data flag:	Not Reported
Daily flow data begin date:	Not Reported	Daily flow data begin date:	Not Reported	Daily flow data begin date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data begin date:	Not Reported	Peak flow data begin date:	Not Reported	Peak flow data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data end date:	Not Reported	Water quality data end date:	Not Reported	Water quality data end date:	Not Reported
Ground water data count:	Not Reported	Ground water data count:	Not Reported	Ground water data count:	Not Reported	Ground water data count:	Not Reported
Ground-water levels:	Number of Measurements: 0	Ground-water levels:	Number of Measurements: 0	Ground-water levels:	Number of Measurements: 0	Ground-water levels:	Number of Measurements: 0

FED USGS USGS3128555

Agency cd:	USGS	Site no:	331355117182301	Agency cd:	USGS	Site no:	331355117182301
Latitude:	331355	Longitude:	1171823	Latitude:	331355	Longitude:	1171823
Dec lon:	-117.30725919	Coord meth:	U	Dec lon:	-117.30725919	Coord meth:	U
Dec along datum:	NAD83	District:	06	Dec along datum:	NAD83	District:	06
Country:	US	Land use:	Not Reported	Country:	US	Land use:	Not Reported
Altitude:	69.00	Altitude method:	Map scale	Altitude:	69.00	Altitude method:	Map scale
Hydrologic:	San Luis Rey/Escondido, California, Area = 758 sq.mi.	Topographic:	Flat surface	Hydrologic:	San Luis Rey/Escondido, California, Area = 758 sq.mi.	Topographic:	Flat surface
Site type:	Ground-water other than Spring	Site type:	Ground-water other than Spring	Site type:	Ground-water other than Spring	Site type:	Ground-water other than Spring
Date inventoried:	Not Reported	Date inventoried:	Not Reported	Date inventoried:	Not Reported	Date inventoried:	Not Reported
Local standard time flag:	Y	Aquifer type:	Not Reported	Local standard time flag:	Y	Aquifer type:	Not Reported
Well depth:	Not Reported	Well depth:	Not Reported	Well depth:	Not Reported	Well depth:	Not Reported
Source of depth data:	Not Reported	Source of depth data:	Not Reported	Source of depth data:	Not Reported	Source of depth data:	Not Reported
Real time data flag:	Not Reported	Real time data flag:	Not Reported	Real time data flag:	Not Reported	Real time data flag:	Not Reported
Daily flow data begin date:	Not Reported	Daily flow data begin date:	Not Reported	Daily flow data begin date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data begin date:	Not Reported	Peak flow data begin date:	Not Reported	Peak flow data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data end date:	Not Reported	Water quality data end date:	Not Reported	Water quality data end date:	Not Reported
Ground water data count:	Not Reported	Ground water data count:	Not Reported	Ground water data count:	Not Reported	Ground water data count:	Not Reported
Ground-water levels:	Number of Measurements: 0	Ground-water levels:	Number of Measurements: 0	Ground-water levels:	Number of Measurements: 0	Ground-water levels:	Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Rainy type

Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: Not Reported
 Source of depth data: Not Reported
 Real time data flag: Not Reported
 Daily flow data end date: Not Reported
 Peak flow data begin date: Not Reported
 Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Ground-water levels, Number of Measurements: 0

FED USGS USGS312826

95
 SE
 1/2 - 1 Mile
 Higher

Agency cd: USGS
 Site no: 331409117175801

Site name: 011S004W09H001S
 Latitude: 33.1409
 Longitude: 117.1758
 Dec lon: -117.30031455
 Dec lat: 33.2358686

Coord datum: U
 State: NVDB3
 Country: US
 Location map: Not Reported

Altitude: 103.06
 Altitude accuracy: 10
 Topographic: Hilltop

Hydrologic: San Luis Rey/Escondido California, Area = 766 sq.mi.
 Date construction: 1946

Site type: Ground-water other than Spring
 Date in vent/d: Not Reported
 Local standard time flag: Y

Aquifer Type: Not Reported
 Aquifer: Not Reported

Well depth: 80.0
 Source of depth data: Not Reported
 Real time data flag: 0

Daily flow data end date: 0000-00-00
 Peak flow data begin date: 0000-00-00
 Peak flow data count: 0

Water quality data end date: 1957-10-22
 Ground water data begin date: 0000-00-00
 Ground water data count: 1

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 pCi/L	Pct. > 4 pCi/L
92057	3	0	0.00

Federal EPA Radon Zone for SAN DIEGO County: 3

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

Federal Area Radon Information for SAN DIEGO COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.677 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.100 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEVA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW[®] 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 data 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. Andl 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 Service

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCS) 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.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

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.

California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

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.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 900-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United States 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.

