



Project No. A8314-06-01

September 6, 2005

VIA E-MAIL

Mr. Larry Segal  
KB Home  
27240 Turnberry Lane, Suite 100  
Valencia, California 91355

Subject: RUNKLE CANYON  
SIMI VALLEY, CALIFORNIA  
PHASE I ENVIRONMENTAL SITE ASSESSMENT AND LIMITED SOIL  
SAMPLING REPORT

Dear Mr. Segal:

In accordance with your request, Geocon Consultants, Inc. has performed a Phase I Environmental Site Assessment (ESA) and limited soil sampling at the above referenced site.

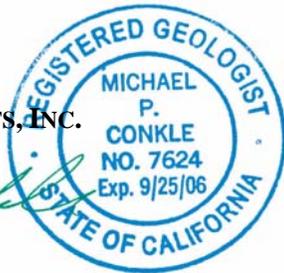
The accompanying report presents the details of the Phase I ESA and summarizes the findings relative to the potential for the existing presence of hazardous materials and wastes and/or hazardous conditions wastes at the Site at levels likely to warrant mitigation action pursuant to current regulatory guidelines.

Please call if you have any questions.

Sincerely,

GEOCON CONSULTANTS, INC.

Michael P. Conkle, PG  
Project Manager



MPC:jjr

- (1) Cox, Castle, and Nicholson, Attention: Preston Brooks
- (1) KB Home, Attention: Stan Koyanagi

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# PHASE I ENVIRONMENTAL SITE ASSESSMENT AND LIMITED SOIL SAMPLING REPORT

## 1. INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment (ESA) of the Runkle Canyon Development in Ventura County, California. Runkle Canyon is located at the terminus of Sequoia Avenue in the City of Simi Valley, California. The property consists of three parcels totaling approximately 1615 acres; a northeast 550 acre parcel, a northwest 350 acre parcel, and a southern 715 acre parcel. The property is identified by Ventura County assessor's office as Parcel Numbers 634-010-495, 685-130-180, 685-040-075, 685-040-095, 685-010-100, 685-040-140, 685-040-165, 685-040-190, 685-040-200, 685-040-210, 685-040-220, 685-040-255, 685-040-240, 685-051-225, 685-051-230, 685-130-160, and 685-040-255. There is no known street address for the property. The property location is shown on Figure 1.

It is understood that KB requested the performance of a Phase I ESA to provide information regarding the potential for existing hazardous material/waste impacts prior to purchasing the Site for a new residential development. It is our understanding that the proposed development will consist of the construction of a new residential development covering approximately 140 acres of the 550 acre parcel, and that the remainder of the property will remain open space.

### 1.1 Purpose

The purpose of the Phase I ESA was to identify potential "recognized environmental conditions" as defined by the American Society for Testing and Materials (ASTM) Designation E 1527-00 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. Section 1.1.1 of the ASTM Standard E 1527-00 defines the term "recognized environmental conditions" as *"the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a 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, ground water, or surface water of the property."* The term as further defined by ASTM *"is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment."*

The main components of this report, as specified by the ASTM Standards, include the following:

- **Site Reconnaissance:** The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the Site. The site reconnaissance was for the Site only and did not include moving onsite debris, vehicles, or other objects to allow for observation of the underlying ground surface.
- **Physical Setting:** Physical setting references were reviewed to obtain information concerning the topographic, geologic, and hydrogeologic characteristics of the Site and vicinity. Such information may be indicative of the direction of groundwater flow.
- **Site History:** The purpose of consulting historical references is to develop a history of the previous uses of the Site and surrounding area in order to help identify the likelihood of past uses having led to recognized environmental conditions (RECs) in connection with the Site. Historical sources reviewed included aerial photographs, city directories, site ownership and/or use information (as made available by the Client), and fire insurance maps. In addition, Geocon conducted interviews with persons who were reasonably expected to be knowledgeable about historical and/or current conditions at and uses of the Site.
- **Records Review:** The purpose of the records review is to obtain and review records that will help identify recognized environmental conditions at or potentially affecting the Site. Geocon reviewed client-provided and publicly available federal, state, and local regulatory agency records for the Site.

## 1.2 Scope of Services

Geocon's Proposal No. LP-2005-200 dated June 15, 2005, presents the scope of services proposed for the Phase I ESA. The scope of services outlined in the Proposal was performed in general accordance with ASTM Designation E 1527-00.

## 1.3 Environmental Document Review

The following background information was obtained from review of the following relevant environmental reports provided by the Client:

1. *Preliminary Environmental Site Assessment Report for Property Title Transfer*, RAMCO Environmental, August 27, 1998.
2. *Preliminary Soil Sampling Report*, QST Environmental Inc., February 5, 1999.
3. *Runkle Ranch Site Investigation Vol I & II*, Foster Wheeler, October 1999.
4. *Phase I Environmental Assessment Parcel No. 685-040-025*, Foster Wheeler, May 16, 2000.
5. *Radiation Survey and Soil Sampling Report APN 6850-040-025*, Miller Brooks, October 12, 2000.
6. *Phase I Environmental Site Assessment and Soil Sampling Program, APN 6850-130-180*, Miller Brooks, October 19, 2000.

7. *Results of Limited Soil Sampling APN 6850-130-180*, Harding ESE, November 3, 2000.
8. *Phase I & II Environmental Site Assessment, 550-Acre Parcel*, Miller Brooks, May 8, 2003.
9. *Report For Asphaltic Material And Surface Water Sampling and Analysis Program on the 550-Acre Parcel*, Miller Brooks, May 21, 2003.
10. *Site Investigation Report of 550-Acre Parcel (for Surface and Water related to Radionuclides)*, Miller Brooks, September 21, 2003.
11. *Site Investigation Report of 350-Acre Parcel, (for surface soil and water samples related to radionuclides)*, Miller Brooks, September 17, 2003.
12. *Site Investigation Report of 715-Acre Parcel, for surface soil and water samples related to radionuclides)*, Miller Brooks, September 17, 2003.
13. *Surface Water & Groundwater Sampling for Specific Organic/Inorganic Chemicals & Perchlorate*, Miller Brooks, September 17, 2003.
14. *Review of the Available Records from DOGGR Concerning the Eastern 550-Acre Parcel*, Miller Brooks, November 5, 2003.
15. *Work Plan to Conduct Onsite Groundwater Investigation Activities*, Miller Brooks, March 31, 2004.
16. *Source Evaluation Report*, Miller Brooks, March 31, 2004.
17. *Supplemental Site Assessment Report for Groundwater Investigation Activities*, Miller Brooks, July 29, 2004.
18. *Information Request on Regional Board Activities in the Simi Valley Area of Ventura County*, California Regional Water Quality Control Board, August 2, 2004.
19. *Supplemental Report for Groundwater Sampling Activities*, Miller Brooks, February 9, 2005.
20. *Radiological Health Risks from Strontium-90*, Dade Moeller & Associates, Inc., April 2005.
21. *Oversight of Converse Consultants, Inc. Soil and Groundwater Sampling*, Miller Brooks, June 9, 2005.
22. Analytical results of surface water samples collected from East and West Seeps in Fishtail Area that are not produced in a report. Samples were collected by Miller Brooks on April 5, 2005.

A summary of site environmental activities outlined in the above referenced reports is provided below.

The Site consists of approximately 1,600 acres of undeveloped land. Historically the property has predominately been used as a cattle ranch. A sand and gravel quarry was operated, by Southern Pacific Milling Company, on the property from approximately 1972 until 1985. In 1985 the County of Ventura Resource Management Agency, Planning Division, confirmed that the mine had closed and reclaimed the subject sand and gravel mine to the satisfaction of the County, and in accordance with the conditions imposed by the conditional use permit and the filed reclamation plan.

Four previous Phase I Environmental Site Assessments (ESAs) have been performed on the property. Two for the 550-acre parcel: one by RAMCO Environmental in August 1998, and the other by Miller Brooks in October 2003. One for the 350-acre parcel by Foster Wheeler in May 2000, and one for the 715-acre parcel by Miller Brooks in October 2000.

The RAMCO report concluded that there was a low risk of environmental liability present at the time of their assessment. This conclusion was based on the observation of waste sand and gravel, from the abandoned sand and gravel mine formerly operated at the Site, a “white, fine-grained material deposited by the leaching water of the aggregate stockpiles,” one partially buried drum, and nine pole-mounted transformers.

None of the other Phase I reports reported evidence of hazardous substances having been stored or handled at the Site, with the exception of pole-mounted transformers on the 550-acre parcel.

The items of environmental concern reported by RAMCO were assessed in subsequent reports prepared for the Site.

- The “white, fine-grained, material” was evaluated by Foster Wheeler in October 1999 and reported to be salt precipitate common to soil in arid environments.
- Miller Brooks collected soil samples at the base of ten pole-mounted transformers observed on the Site to evaluate the presence of PCBs from potential leaks from the transformers. No concentrations of PCBs were reported in any of the samples. Southern California Edison (SCE) removed the pole-mounted transformers in 2002.
- In 2003 Miller Brooks removed two drums filled with water, eight drums of soil, and ten empty drums found on the property, presumably including the partially buried drum observed by RAMCO. Eight soil samples were collected from the area around the drums and beneath several of the drums. All of the samples were tested for total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs). One of the samples was tested for semi-volatile organic compounds (SVOCs). Five of the samples were analyzed for metals. VOCs or SVOCs were not reported in any of the samples. Concentrations of metals reported in the samples appear to be at background concentrations. Low concentrations of TPH in the diesel to motor oil range were reported in all eight of the samples at concentrations ranging from 11 milligrams per kilogram (mg/kg) to 40 mg/kg. Additionally, the contents of the drums were analyzed and the results indicated that the material could be disposed of as nonhazardous waste.

Over 50 soil samples have been collected from within and adjacent to the processed material piles from the former sand and gravel mine from as deep as 67 feet, though most were collected at depths of less than 15 feet. Soil samples have been analyzed for TPH, VOCs, SVOCs, metals, PCBs, perchlorate, and NDMA, though not every soil sample was analyzed for all parameters. VOCs, SVOCs, NDMA, or PCBs were not reported at or above laboratory detection limits in any of the samples analyzed.

Concentrations of TPH in the diesel to motor oil range, ranging from 14 mg/kg to 320 mg/kg, were reported in five of the samples analyzed.

The metals concentrations reported in the soil appear to be at background concentrations, with the exception of two samples reported to contain mercury at concentrations of 0.22 and 0.24 mg/kg. The Preliminary Remediation Goal (PRG) for mercury in residential soil is 23 mg/kg.

Perchlorate was reported in two soil samples, at concentrations of 0.006 mg/kg and 0.05 mg/kg, collected from two borings at depths of 56 and 37 feet, respectively. The reported concentrations are below the residential PRG for perchlorate of 7.8 mg/kg. Wells installed at the location of these borings have been sampled twice, with duplicate samples collected from each well, each sampling event. Perchlorate was detected at a concentration of 0.33 micrograms per liter ( $\mu\text{g}/\text{l}$ ) in a duplicate sample during the first sampling event. According to the laboratory this reported concentration should be considered suspect based on retention time drift and potential co-elution of an interfering constituent. None of the other samples or duplicate samples were reported to contain perchlorate.

Miller Brooks also evaluated an “asphaltic material” exposed in the stream cut walls of the tailings pile and concluded the substance was likely asphalt road material associated with the former mining operation.

The southern portion of the Site is adjacent to the Santa Susana Field Laboratory (Rocketdyne). Rocketdyne is a rocket engine testing facility that is undergoing environmental assessment, monitoring and cleanup with the oversight of the California Department of Toxic Substances Control and United States Environmental Protection Agency (USEPA). Reported releases of rocket fuel constituents (perchlorate and NDMA), solvents (predominately trichloroethene – TCE), dioxins, fuel hydrocarbons, SVOCs, metals, and radionuclides are documented on the facility. Reportedly, the shallow groundwater beneath Rocketdyne is predominately impacted with perchlorate and TCE. Historic pumping depressions at Rocketdyne have limited the movement of degraded groundwater beneath the property and have essentially confined the extent of known groundwater contamination to the area beneath the facility. Offsite migration of degraded groundwater has been identified in isolated areas along the northwest and eastern property boundaries. The perchlorate plume reportedly extends offsite of the facility to the east and southeast (southeast of the Runkle Site). The TCE in groundwater is reportedly present in several well-defined plumes that remain predominately beneath the Rocketdyne facility with a limited area offsite to the north of the western end of the property (west of the Runkle Site).

Miller Brooks collected soil samples along the western border of the Site, adjacent to the Rocketdyne facility. Low concentrations of toluene, xylene, mercury, and dioxin were reported in several of the samples collected. The reported concentrations on these constituents were all below their respective PRGs.

Surface water and groundwater on the Runkle Canyon Site have been tested to evaluate the presence of constituents of concern potentially originating from the Rocketdyne facility. Samples have been collected from the on site stream and from a number of springs present on site. Water samples have been analyzed for TPH, VOCs, SVOCs, PCBs, perchlorate, NDMA, and metals. Perchlorate was

reported in a duplicate groundwater sample as described above. NDMA was reported in one groundwater sample collected from an onsite monitoring well in July 2004, however the results should be considered suspect due to laboratory blank contamination. Subsequent groundwater samples collected from this well did not contain reportable concentrations of NDMA. No other reportable concentrations of other constituents were found in any of the water samples collected at the site with the exception of metals at concentrations typically found in groundwater.

The Rocketdyne facility is reported to have had accidental releases of radioactive isotopes during nuclear reactor operations. In 1995, the USEPA published the results of an offsite study performed by Rocketdyne to evaluate the presence of radionuclides on properties adjacent to the facility. The study focused on the property north of the Rocketdyne facility and west of the Runkle Site. Three radionuclides (cesium-137, strontium-90, and tritium) were in some of the samples. The USEPA concluded that the concentrations reported in the samples did not pose a threat to human health.

In 1998 a limited surface soil survey was performed, by QST Environmental Inc., at the Runkle Site to evaluate if operations at the Rocketdyne facility had impacted soil at the Site through surface water run-off. The samples were analyzed for cesium-137, strontium-90, and tritium. QST concluded that the surface soil at the Site contained concentrations of cesium-137 and strontium-90 that exceeded the background levels reported by the EPA and recommended that additional assessment be performed.

In response to the QST recommendation Foster Wheeler was retained to conduct an extensive study of radionuclides on the Site. The sampling program, performed in 1999, included the collection and analysis of 58 soils samples collected from a grid across the 550-acre parcel. Tritium was not found at concentrations above the laboratory detection limit. Based on the reported results Foster Wheeler concluded that the cesium-137 and strontium-90 concentrations reported in the samples were not a concern when compared to exposure limits considered by the EPA to be protective of human health.

In 2000 Harding ESE collected an additional fourteen samples from the 715-acre parcel of the Site, two samples from the 350-acre parcel, and one just east of the 550-acre parcel to evaluate the presence of radionuclides. Based on the results Harding concluded that the property was not likely contaminated with tritium or cesium-137. They were unable to make a definitive conclusion regarding strontium-90 and recommended further sampling.

In 2003 Miller Brooks collected an additional 27 soil samples from the Site and three from offsite that were evaluated for strontium-90. Only two of the soil samples contained detectible concentrations of strontium-90. Based on this data Miller Brooks concluded that reported concentrations were below levels considered to pose a health risk. Groundwater and surface water samples collected during these investigations were analyzed for tritium. The reported concentrations of tritium in the water samples were concluded to be below levels considered by regulatory agencies to pose a health risk.

In April 2005, Dade Moeller and Associates, Inc. completed an assessment of radiological health risks from strontium-90 on the Runkle Site. The assessment was completed using the data from the QST, Foster Wheeler, and Harding ESE reports. The results from the Miller Brooks reports were not used in the assessment because of the higher minimum detectable activity reported by the laboratory. This assessment performed an evaluation of radiological risks for several reasonable exposure scenarios. The report concludes that construction and operation of the proposed Runkle Canyon Development would result in very low radiological risk from strontium-90 exposure to residents, visitors, and neighbors. In all cases the risk was calculated to be less than the target risk level of one in one million ( $1 \times 10^{-6}$ ).

An oil pipeline owned and operated by Conoco-Phillips (formerly Tosco/Union 76) has been reported to cross the eastern side of the 715 acre parcel. There is no evidence to suggest that the pipeline has leaked, however confirmation of its presence on the property would indicate that potentially hazardous material are being handled on the Site.

## **1.4 Additional Evaluation**

### **1.4.1 Pesticide Sampling**

Aerial photographs of the Site and surrounding areas suggest that areas of the northern portions of the 550-acre parcel may have been used for agricultural purposes. Additionally, review of a document entitled *Runkle Canyon – A Historical Perspective*, which is included as an appendix in the *Source Evaluation Report* prepared by Miller Brooks in 2004, indicates that the former ranch grew and harvested grains for livestock feed, black-eyed peas, lima beans, and walnut and citrus trees. Because the former agricultural use presents a risk of the presence of persistent agricultural chemical in shallow onsite soils, Geocon recommended that the portions of the Site within the footprint of the proposed development be evaluated with respect to pesticides.

Geocon collected 22 soil samples from 11 hand auger borings advanced at the Site on July 5, 2005. Soil samples were collected from each of the 11 borings at depth of 0.5 and 3 feet, with the exception of boring P10 wherein the deepest sample was collected at 2.5 feet. Soil samples were submitted to Advanced Technology Laboratories, under standard chain of custody procedures, for analysis of organochlorine pesticides by EPA test method 8081.

The 0.5 foot sample collected from boring P1 was reported to contain 34 micrograms/kilogram ( $\mu\text{g}/\text{kg}$ ) of DDE. The 0.5 foot sample collected from boring P8 was reported to contain 2.9  $\mu\text{g}/\text{kg}$  of DDE and 2.2  $\mu\text{g}/\text{kg}$  of DDT. The 0.5 foot sample collected from boring P11 was reported to contain 240  $\mu\text{g}/\text{kg}$  of DDE and 37  $\mu\text{g}/\text{kg}$  of DDT. None of the other samples collected from the site contained concentrations of any pesticide equal to or greater than the laboratory reporting limit.

The reported concentrations of pesticides detected in the three samples do not exceed the United States Environmental Protection Agency, Region 9, Preliminary Remediation Goals (PRGs) for residential properties. The residential PRG for DDE and DDT is 1,700 µg/kg.

The analytical laboratory reports are provided in Appendix A. Pesticide sample locations are provided on Figure 3.

Each boring location was recorded using a Global Positioning System (GPS) receiver. Data was recorded using the Trimble Pro-XPS receiver system, using State Plane 83 coordinates. Boring location coordinates, in latitude and longitude, are provided in Table I.

**TABLE 1**  
**PESTICIDE BORING LOCATION COORDINATES**

<b>Boring No.</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Elevation (feet)</b>
P1	34°14'59.26476	118°43'35.88358	1059.06
P2	34°14'58.03567	118°43'48.98917	1081.98
P3	34°15'11.02500	118°43'42.62390	1239.04
P4	34°14'56.90746	118°43'40.43996	1079.21
P5	34°14'39.68538	118°43'46.55851	1113.14
P6	34°14'32.00098	118°43'46.01612	1189.58
P7	34°14'25.51734	118°43'44.81224	1193.36
P8	34°14'29.59798	118°43'51.17307	1148.68
P9	34°14'45.42567	118°43'35.19641	1126.85
P10	34°14'52.18560	118°43'36.80984	1150.67
P11	34°15'00.03538	118°43'55.58090	1048.94

#### **1.4.2 Tar**

During the site reconnaissance performed for the Phase I Environmental Site Assessment, Geocon observed several seeps of a tar-like substance exposed within a section of the east wall of the stream cut channel. The viscous substance extruded from the seeps was observed to flow down the embankment and collect in pools at the bottom of the slope. Other areas of the channel walls within the vicinity of the seeps were observed to contain similar material mixed with varying amount of sand and gravel, in blocks up to approximately 8 feet across.

Geocon conducted an assessment of this material on August 3, 2005. Seven exploratory trenches T1 through T7, were excavated to depths ranging from 10 to 13 feet using a rubber-tired backhoe equipped with a 24-inch bucket. The first trench, T1 was excavated adjacent to where the material could be seen seeping out of the valley wall. The tar was encountered at depths ranging from 7 to 12 feet. One sample (T1-10) of the material was collected at a depth of approximately ten feet.

Six additional trenches were excavated, T2 through T7, encompassing T1 to the north, south, and east. The western extent of the material was defined by the wall of the stream channel. The tar-like material was encountered in trench T1 only. The volume of material observed in T-1 appears to be less than approximately 12 cubic yards. Test pit locations are shown on Figure 4.

### **Analytical Results**

The sample collected was analyzed for total petroleum hydrocarbons (TPH) extended range by modified EPA method 8015B, volatile organic compounds (VOCs) by EPA method 8260B, and polycyclic aromatic hydrocarbons (PAHs) by EPA method 8310. The analytical results are summarized below.

#### **TPH EXTENDED RANGE**

<b>Hydrocarbon Range</b>	<b>Result, mg/kg</b>
C10 - C12	220
C13 - C15	910
C16 - C22	14,000
C23 - C32	68,000
>C32	19,000

#### **VOCs**

Benzene, toluene, and ethylbenzene were detected at concentrations of 35, 62, and 27 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ). No additional VOCs were detected at or above laboratory detection limits (ND). The United States Environmental Protection Agency, Region 9, residential Preliminary Remediation Goals (PRGs) for benzene, toluene, and ethylbenzene in soil are 640  $\mu\text{g}/\text{kg}$ , 520,000  $\mu\text{g}/\text{kg}$ , and 400,000  $\mu\text{g}/\text{kg}$ , respectively. None of the reported concentrations exceed their respective PRGs. No additional VOCs were detected at or above laboratory detection limits (ND).

#### **PAHs**

The California Department of Toxic Substances Control (DTSC) currently requires that polycyclic aromatic hydrocarbons (PAHs) be assumed equivalent in cancer potency to the PAH benzo(a)pyrene on a weight basis. Calculation of benzo(a)pyrene (B(a)P) equivalents is performed based on the equivalency factors provided in the DTSC Preliminary Endangerment Assessment Guidance Manual. The B(a)P equivalents were calculated for the two carcinogenic PAHs reported in the sample,

benzo(a)anthracene and chrysene. The other PAHs reported in the sample are not currently considered to be carcinogenic and therefore not considered when evaluating potential risk. The analytical results and calculated B(a)P equivalents are tabulated below.

Analyte	Result, mg/kg	B(a)P Equivalent, mg/kg
Benzo(a)anthracene	24.3	0.00243
Chrysene	7.04	0.0007
Acenaphthene	0.200	NA
Fluoranthene	0.592	NA
Fluorene	1.30	NA
Phenanthrene	20.3	NA
Pyrene	4.47	NA

The sum of the calculated B(a)P equivalents (0.0025 mg/kg) calculated for the sample does not exceed the residential PRG for benzo(a)pyrene or 0.006 mg/kg.

## 2. SITE RECONNAISSANCE

Geocon performed a site reconnaissance and observed adjacent properties on June 21, and July 20, 2005. Observations noted during the site reconnaissance are summarized below.

### 2.1 Onsite Reconnaissance

The main access to the Site is located at the southern terminus of Sequoia Avenue. At the time of the reconnaissance the Site appeared to be being used for grazing cattle.

The Site is generally a north-south trending valley extending through the central part of the 550 acre parcel. A small stream, which appears to drain the majority of the 550 acre parcel and the 715 acre parcel, meanders northward across the valley floor. At the time of the site reconnaissance, the stream appeared to terminate at the Runkle Reservoir, a retention basin constructed approximately 1,500 feet south of the northern Site boundary. East of the stream channel are rolling hills that comprise the majority of the 550 acre parcel. West of the stream channel is a steep ridge line that comprises the eastern portion of the 350 acre parcel. The portion of the 350 acre parcel west of the ridgeline appears to drain through an unnamed north-south trending canyon to the west of Runkle Canyon. Drainage from the 715 acre parcel appears to flow onto the southern end of the 550 acre parcel along three drainage courses. The area where the three drainages converge on the 550 acre parcel has been referred to as the "Fish Tail" area of the Site.

The Site is developed with a main road, called Runkle Canyon Haul Road, which roughly parallels the stream along the valley floor, and a number of unnamed access roads. Runkle Canyon Haul Road is paved through the 550 acre parcel and partially into the 715 acre parcel. The other access roads on the

property are unimproved. Other noted improvements on the property included a corral on the 550 acre parcel, located south east of Runkle Reservoir, and a corral located near the south central portion of the 715 acre parcel. The corral on the 715 acre parcel also contains a windmill operated well and water holding tank. Two groundwater monitoring wells were also observed within the 550 acre parcel.

A tailing pile from the former onsite quarry was observed in the north central portion of the 715 acre parcel. Material from the quarry was reportedly transported, via a conveyor belt system, northward to the Fish Tail area for processing. Although the conveyor system was not observed during the reconnaissance, a number of large concrete blocks, that may be remnants of the conveyor system, were noted along the roadway between these two areas. Large volumes of semi-processed sand and gravel material from the former quarry operation were noted to have been placed within the Fish Tail area of the 550 acre parcel. The piles of material from the quarry appear to be in excess of 30 feet thick in areas where the stream has eroded channels through them. Miscellaneous debris, currently exposed in the stream channel walls, was observed to have been buried by the material placed in the Fish Tail area. The debris included items such as, pipes of various diameter, length, and material, concrete and asphalt rubble, long sheets of rubber material presumed to be remnants of the former conveyor system, tires, and a black solid to very viscous tar like substance.

Geocon observed several seeps of the tar like substance exposed within an approximately 20 foot section of the east wall of the stream cut channel. The viscous substance extruded from the seeps was observed to flow down the embankment and collect in pools at the bottom of the slope. Other areas of the channel walls within the vicinity of the seeps were observed to contain similar material mixed with varying amount of sand and gravel, in blocks up to approximately 8 feet across.

Other than the tar like substance buried within the processed material from the quarry and exposed within the stream cut channel walls in the Fish Tail area, no significant chemical odors, pools of liquid, drums, indicators of underground storage tanks (USTs), aboveground storage tanks (ASTs), significantly stained soil, distressed vegetation, wells, or pits, were observed in accessible portions of the Site. A Site Plan illustrating the site features is included as Figure 2. Photographs taken during the site reconnaissance are presented in Appendix B.

## 2.2 Offsite Observations

Observed and reported current uses of adjacent properties and surrounding areas are described below:

Direction	Adjacent Properties	Surrounding Area
West	Undeveloped land.	Undeveloped land.
North	Residential development.	Residential development.
East	The Rocketdyne Santa Susana Field Laboratory borders the south end of the Site. Undeveloped land borders the north end of	Undeveloped land.

	the Site.	
South	Undeveloped land.	Undeveloped land.

### 3. PHYSICAL SETTING

#### 3.1 Topographic Features

Information regarding the topography and previous development of the Site and adjacent vicinity was obtained from a review of a U.S. Geological Survey (USGS) topographic map for the Simi Valley East, California 7.5 minute quadrangles (1961, photorevised 1969). The Site is depicted as being largely undeveloped land. Runkle Reservoir is shown on the near the center of the western boundary of the 550 acre parcel. Two areas are labeled as “quarry” on the map, one in the north central portion of the 715 acre parcel, the other near the southern end of the 550 acre parcel. The quarry areas are connected with a black line labeled “conveyor.” The surrounding areas are predominately shown as being undeveloped. A series of streets suggestive of a residential development are present north of the northern border of the 350 acre parcel. Burro Flats, the location of the Rocketdyne SSFL facility, is shown as being developed with a number of buildings and paved roadways. A reproduction of a portion of the USGS map is presented as Figure 1.

#### 3.2 Geologic and Hydrogeologic Conditions

Based on a review of boring logs provided in environmental investigations performed by others the soils at the Site are comprised of interbedded silts, sands and gravels to depths up to 67 feet below ground surface. Based on historic groundwater monitoring reports, the potentiometric surface in the groundwater monitoring wells onsite ranged between 27 and 33 feet below grade.

### 4. SITE HISTORY

#### 4.1 Aerial Photographs

Aerial photographs, available from Environmental Data Resources, Inc. (EDR) for the years 1939, 1945, 1959, 1964, 1977, 1989, 1994, and 2002 were reviewed during the ESA. Observations noted during the review are discussed below. The scale and resolution of the aerial photographs did not allow for detailed observations of the Site and adjacent properties other than confirming general historical land use.

Year	Observations		
	Photo Identification/Scale	Subject Site	Adjacent and Vicinity Properties
1939	Fairchild 1" = 500'	Site appears to be undeveloped native land. No visible structures are apparent on the property. Several roads appear to transect	Surrounding areas predominately undeveloped. Adjacent properties to north appear to be used for agricultural purposes.

Year	Observations		
	Photo Identification/Scale	Subject Site	Adjacent and Vicinity Properties
		the property.	
1945	Fairchild 1" = 400'	Similar to 1939 photo.	Similar to 1939 photo.
1959	Robinson 1" = 555'	Similar to 1945 photo. Runkle Reservoir present on 550 acre parcel.	Similar to 1945 photo. Several structures are visible on the Rocketdyne facility east of the 715 acre parcel.
1964	Mark Hurd 1" = 666'	Similar to 1952 photo.	New residential development is present to north of 350 acre parcel.
1977	Teledyne 1" = 666'	Quarry on 715 acre parcel and process area on 550 acre parcel are visible. Increase in number of roads crossing Site.	Increase in residential development to north of Site. Little remaining presence of agricultural use property to north of Site.
1989	USGS 1" = 666'	Quarry operations no longer visible.	Similar to 1977 photo.
1994	USGS 1" = 666'	Similar to 1989 photo.	Increase in residential development to north of Site. Adjacent property north of 550 acre parcel appears to have been graded for a new development.
2002	USGS 1" = 666'	Similar to 1994 photo.	Adjacent property to north of 550 acre parcel is developed.

#### 4.2 EDR Sanborn, Inc. Fire Insurance Maps

Geocon subcontracted EDR to conduct a search for historic Sanborn Fire Insurance Maps covering the Site and immediate vicinity. According to EDR, the subject property is located outside of the Sanborn map coverage area.

#### 4.3 Interviews

At the direction of Mr. Peter Kiesecker of GreenPark Runkle Canyon, LLC (the current Site owner), Mr. Andrew Brack of Miller Brooks Environmental, Inc., the environmental consultant for the GreenPark, was contacted regarding known environmental issues at the Site. Mr. Brack reiterated the sites environmental history described in Section 1.3.

### 5. REGULATORY AGENCY RECORDS

#### 5.1 Database Review

EDR, a data search firm, performed a search of federal, state, and local databases for the Site and surrounding area. A reproduction of the report entitled *The EDR Radius Map with GeoCheck*, dated June 22, 2005 is presented as Appendix C. The following table lists databases that were searched and the number of listings.

Database Name	Search Radius (Mile)	Number of Listings
<b>FEDERAL DATABASES</b>		
NPL (National Priority List)	1.5	0
Proposed NPL	1.5	0
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System)	1.5	0
CERCLIS-NFRAP (No Further Remedial Action Planned)	1.5	0
CORRACTS (RCRA Corrective Action Sites List)	1.5	0
RCRA-TSD (RCRA Permitted Treatment, Storage, Disposal Facilities)	1.5	0
RCRA-LQG (RCRA Large Quantity Generators of Hazardous Waste)	0.75	0
RCRA-SQG (RCRA Small Quantity Generators of Hazardous Waste)	0.75	0
ERNS (Emergency Response Notification System)	0.5	0
<b>STATE DATABASES</b>		
AWP (DTSC's Annual Workplan)	1.5	0
Cal-Sites (Potential/Confirmed Hazardous Substance Release Properties)	1.5	0
CHMIRS (California Hazardous Material Incident Report System)	1.5	3
Cortese (Hazardous Waste and Substances Sites List)	1.5	3
Notify 65 (Proposition 65)	1.5	0
Toxic Pits	1.5	0
State Landfill	1.5	0
WMUDS/SWAT (Waste Management Unit Database)	1.5	0
LUST (Leaking Underground Storage Tanks)	1.5	5
CA Bond Expenditure Plan	1.5	0
UST (Underground Storage Tanks)	0.75	0
VCP (Voluntary Cleanup Program)	1.5	0
Indian UST	1.0	0
Indian LUST	1.0	0
CA FID UST (Facility Inventory Database)	0.75	0
HIST UST (Historical USTs)	0.75	0
<b>FEDERAL SUPPLEMENTAL DATABASES</b>		
CONSENT (Superfund Consent Decrees)	1.5	0
ROD (Records of Decision)	1.5	0
Delisted NPL (NPL Deletions)	1.5	0
FINDS (Facility Index System)	0.5	0
HMIRS (Hazardous Materials Information Reporting System)	0.5	0
MLTS (Material Licensing Tracking System)	0.5	0
MINES (Mines Master Index File)	0.25	0
NPL Liens (Federal Superfund Liens)	0.5	0
PADS (PCB Activity Database System)	0.5	0
Indian Reservation	1.5	0
DOD (Department of Defense facilities)	1.5	0

Database Name	Search Radius (Mile)	Number of Listings
US BROWNFIELDS	1.0	0
RAATS (RCRA Administrative Action Tracking System)	0.5	0
TRIS (Toxic Chemical Release Inventory System)	0.5	0
TSCA (Toxic Substances Control Act)	0.5	0
FTTS (FIFRA/TSCA Tracking System) - FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) / TSCA (Toxic Substances Control Act)	Site	0
<b>STATE OR LOCAL SUPPLEMENTAL DATABASES</b>		
AST (Aboveground Petroleum Storage Tank Facilities)	0.5	0
Cleaners	0.75	0
CA WDS (Waste Discharge System)	Site	0
Deed	1.0	0
SCH (School Property Evaluation Program)	0.75	0
NFA (No Further Action Determination)	0.75	0
EMI (Emissions Inventory Data)	1.5	2
NFE (Properties Needing Further Evaluation)	0.75	0
CA SLIC (Spills, Leaks, Investigation and Cleanup Cost Recovery)	1.0	0
Ventura County BWT	0.5	0
HAZNET (Hazardous Waste Information System)	0.5	0

### 5.1.1 Site

The former S and P Mining Company, the former operator of the sand and gravelly quarry on the Site, is listed under the Orphan Summary. The business is listed in the Orphan Summary because there is no complete street address. The business is listed on the HAZNET database as having recycled approximately 0.17 tons of non aqueous material. The date for the listing is not available. No violations are reported.

### 5.1.2 Adjacent Properties

The Rocketdyne Santa Susana Field Laboratory, which is located east of the 715 acre parcel is listed under the Orphan Summary. This facility is reportedly listed on the CERC-NFRAP, PADS, CERCLIS, RCRA-LQG, RCRA-TSDF, CORRACTS, and FINDS databases. As discussed in Section 1.3 the Rocketdyne facility is the site of known releases of variety of organic chemicals and radionuclides. Groundwater contamination originating on the Rocketdyne facility reportedly has migrated offsite to the southeast, into the San Fernando Valley, and to the north, east of Runkle Canyon, into Simi Valley. Based on the reported magnitude and direction of degraded groundwater originating from the Rocketdyne facility and the results of soil, surface water, and groundwater samples collected from within Runkle Canyon it does not appear that the historic sources originating from the Rocketdyne facility are adversely affecting the Runkle property.

No other adjacent properties were listed on the searched databases.

### **5.1.3 Orphan Summary**

The *Orphan Summary* identifies properties that have incomplete address information and could not be specifically plotted. In addition to the S and P Mining Company and the Rocketdyne facility discussed above a total of thirteen properties were listed in the *Orphan Summary*. Based on information provided in the report for the listed properties and the databases on which the properties were listed, no significant adverse impact to the Site is expected from the properties identified on the *Orphan Summary*.

## **5.2 Los Angeles Regional Water Quality Control Board Site Cleanup Unit**

Geocon contacted the Los Angeles Regional Water Quality Control Board (RWQCB) to inquire on the status of groundwater investigations being performed at Runkle Canyon. According to department staff, the RWQCB is not currently overseeing any programs at the Site. The RWQCB did request that Green Park sample and provide groundwater data, however, an order was never issued by the board.

## **5.3 Ventura County Department of Environmental Health**

Geocon contacted the Ventura County Department of Environmental Health. According to Department staff the County is not overseeing any programs at the Site.

## **5.4 Ventura County Department of Building and Safety**

Geocon requested building permits for the Site from the Ventura County Department of Building and Safety. According to department staff building permits for the Site could not be located without a specific address. According to the phase I site assessments performed by others, as discussed in Section 1.3, building permits have not been issued for the Site.

## **5.5 Oil and Gas Wells**

*Review of the Available Records from DOGGR Concerning the Eastern 550-Acre Parcel*, Miller Brooks, November 5, 2003. Miller Brooks compiled available information from California Department of Conservation Division of Oil and Gas for oil and gas wells in the vicinity of the Site. The information is reproduced in letter reported dated November 5, 2003. According to the records obtained by Miller Brooks no oil or gas wells have been drilled on the Site. The records indicate that five wells have been drilled within approximately 1 mile of the northern boundary of the Site.

## 6. SUMMARY OF FINDINGS

1. The approximately 1,615 acre property is located south of the terminus of Sequoia Avenue in Simi Valley, California. It is understood that the Client, KB Home, has proposed purchase of the Site for construction of a new approximately 140 acre residential development.
2. A review of historical information suggests that the Site has predominately been used as a cattle ranch. A sand and gravel quarry was operated on the Site by Southern Pacific Milling Company from approximately 1972 until 1985. In 1985 the quarry was closed and reclaimed to the satisfaction of the lead agency, County of Ventura Resource Management Agency, Planning Division.
3. The southern portion of the Site is adjacent to the Rocketdyne Santa Susana Field Laboratory. Rocketdyne is a rocket engine testing facility that is undergoing environmental assessment, monitoring and cleanup with the oversight of the California Department of Toxic Substances Control and United States Environmental Protection Agency (USEPA). Reported releases of rocket fuel constituents (perchlorate and NDMA), solvents (predominately TCE), dioxins, fuel hydrocarbons, SVOCs, metals, and radionuclides are documented on the facility. Groundwater beneath Rocketdyne is reportedly impacted with perchlorate and TCE. The perchlorate plume reportedly extends offsite of the facility to the southeast (southeast of the Runkle Site). The TCE in groundwater is present in several well-defined plumes that remain predominately beneath the Rocketdyne facility.
4. Surface water and groundwater on the Runkle Canyon Site have been tested to evaluate the presence of constituents of concern potentially originating from the Rocketdyne facility. Samples have been collected from the on site stream and from a number of springs present on site. Water samples have been analyzed for TPH, VOCs, SVOCs, PCBs, perchlorate, NDMA, and metals. Perchlorate was reported in one duplicate groundwater sample collected from one of the onsite groundwater monitoring wells but this result is considered suspect due to laboratory error. The original sample collected from the well did not contain reportable concentrations of perchlorate. Subsequent samples collected from the well have not reported concentrations of perchlorate. NDMA was reported in one groundwater sample collected from an onsite monitoring well in July 2004, however the results should be considered suspect due to laboratory blank contamination. Subsequent groundwater samples collected from this well did not contain reportable concentrations of NDMA. No other reportable concentrations of other constituents were found in any of the water samples collected at the site with the exception of metals at concentrations typically found in groundwater. Based on the results of results of the surface and groundwater sampling performed on the Site it does not appear that the degraded groundwater reportedly present on the Rokerdyne facility is migrating onto the Runkle Site.
5. Soil samples collected from the Site by others have been analyzed for TPH, VOCs, SVOCs, metals, PCBs, perchlorate, and NDMA, though not every soil sample was analyzed for all parameters. VOCs, SVOCs, NDMA, or PCBs were not reported at or above laboratory detection limits in any of the samples analyzed. Concentrations of TPH in the diesel to motor oil range, ranging from 14 mg/kg to 320 mg/kg, were reported in five of the samples analyzed. The metals concentrations reported in the soil appear to be at background concentrations, with the exception of two samples reported to contain mercury at concentrations of 0.22 and 0.24 mg/kg. The Preliminary Remediation Goal (PRG) for mercury in residential soil is 23 mg/kg.
6. Soil samples collected by Geocon and analyzed for pesticides indicate that concentrations of pesticides below residential PRGs were present in the surface soil samples collected at three of the 11 pesticide boring locations.

7. A number of soil sampling programs have been conducted at the Site to evaluate the potential presence of radionuclides, specifically cesium-137, strontium-90, and tritium, on the property potentially originating from Rocketdyne. The reports describing radionuclide sampling generally conclude that the reported concentrations of tritium and cesium-137 reported at the Site are not present at levels that would pose an incremental cancer risk. Dade Moeller and Associates, Inc. completed an assessment of radiological health risks from strontium-90 on the Runkle Site. The assessment was completed using the data from the earlier soil sample collection programs. This assessment performed an evaluation of radiological risks for several reasonable exposure scenarios. The report concludes that construction and operation of the proposed Runkle Canyon Development would result in very low radiological risk from strontium-90 exposure to residents, visitors, and neighbors. In all cases the risk was calculated to be less than the target risk level of one in one million ( $1 \times 10^{-6}$ ).
8. A tar-like substance was observed to have been buried in the piles of processed material from the former quarry operations. Other areas of the channel walls within the vicinity of the seeps were observed to contain similar material mixed with varying amount of sand and gravel, in blocks up to approximately 8 feet across. This material was previously described and sampled by Miller-Brooks. Miller Brooks reported the results in May 21, 2003 report entitled *Report For Asphaltic Material And Surface Water Sampling and Analysis Program on the 550-Acre Parcel*. The Miller Brooks report states that material they sampled was pieces of asphalt roadway from the former quarry operations. This description of the material is also used in the EIR. During the site reconnaissance performed for the Phase I Environmental Site Assessment, Geocon observed several seeps of a tar-like substance exposed within a section of the east wall of the stream cut channel. The viscous substance extruded from the seeps was observed to flow down the embankment and collect in pools at the bottom of the slope. Other areas of the channel walls within the vicinity of the seeps were observed to contain similar material mixed with varying amount of sand and gravel, in blocks up to approximately 8 feet across.
9. Geocon analyzed a sample of the tarry material for total petroleum hydrocarbons (TPH) extended range by modified EPA method 8015B, volatile organic compounds (VOCs) by EPA method 8260B, and polycyclic aromatic hydrocarbons (PAHs) by EPA method 8310. The sample exhibits a total combined TPH concentration of 102,130 mg/kg. Benzene, toluene, and ethylbenzene were detected at concentrations of 35, 62, and 27 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ). No additional VOCs were detected at or above laboratory detection limits (ND). PAHs were detected at individual concentrations up to 24.3 mg/kg.

## 7. CONCLUSIONS AND RECOMMENDATIONS

A review of the information sources referenced herein and the results of site reconnaissance revealed the presence of the following recognized environmental conditions at the Site:

- The Rocketdyne facility located to the east of the southern 715 acre parcel is reportedly the origin of groundwater plumes of degraded groundwater, containing perchlorate and TCE, that have migrated offsite to the east and southeast of the Runkle Site. Based on the reported magnitude and direction of degraded groundwater originating from the Rocketdyne facility and the results of soil, surface water, and groundwater samples collected from within Runkle Canyon it does not appear that the historic sources originating from the Rocketdyne facility are adversely affecting the Runkle property. Further evaluation of chemicals of concern potentially originating from the Rocketdyne facility appears unwarranted at this time.
- Minor concentrations of organochlorine pesticides detected during soil sampling activities do not meet or exceed PRGs. It is our opinion that the reported concentrations of organochlorine pesticides do not present a risk to human health or the environment.
- Previous health risk assessments conducted by the property owner have concluded that the reported concentrations at the Site pose a low radiological risk to residents, visitors, and neighbors. In all cases the risk was calculated to be less than the target risk level of one in one million ( $1 \times 10^{-6}$ ).
- Based on the odor, appearance, and the analytical laboratory results, the tar appears to be a petroleum-based substance; most likely “asphalt” or “asphalt cement”, a heavy petroleum product containing compounds with as many as 150 carbon atoms resulting from distillation of crude oil. Because the TPH extended range analysis is terminated at compounds containing approximately 40 carbon atoms, the reported analysis accounts for only 10% of the total mass of the sample.
- The asphalt may have been used at the former aggregate mining operation to create asphaltic concrete for surfacing haul roads. The asphalt exposed in the stream channel is of limited lateral and vertical extent, though it may be possible that other deposits could exist elsewhere within the undocumented fill in the canyon. Geocon estimates that the volume of asphalt is approximately 12 cubic yards or less. Based on the analyses performed and the quantity of material, it is our opinion that this material does not represent an REC. In its present condition, the asphalt would not be suitable for use in fill and should be removed from the site and disposed of at a recycling facility or possibly at a Class III landfill if in solid form.

## 8. REPORT LIMITATIONS

The preliminary conclusions presented in this report are based upon reasonable visual observations made at the site and research of available materials within the scope and budget of the contract. The information presented is relevant to the date of our site visit and should not be relied upon to represent conditions at later dates. The opinions expressed herein are based on our experience with similar studies and information obtained during our effort. As additional information becomes available, we will review the information and modify our opinions, if necessary.

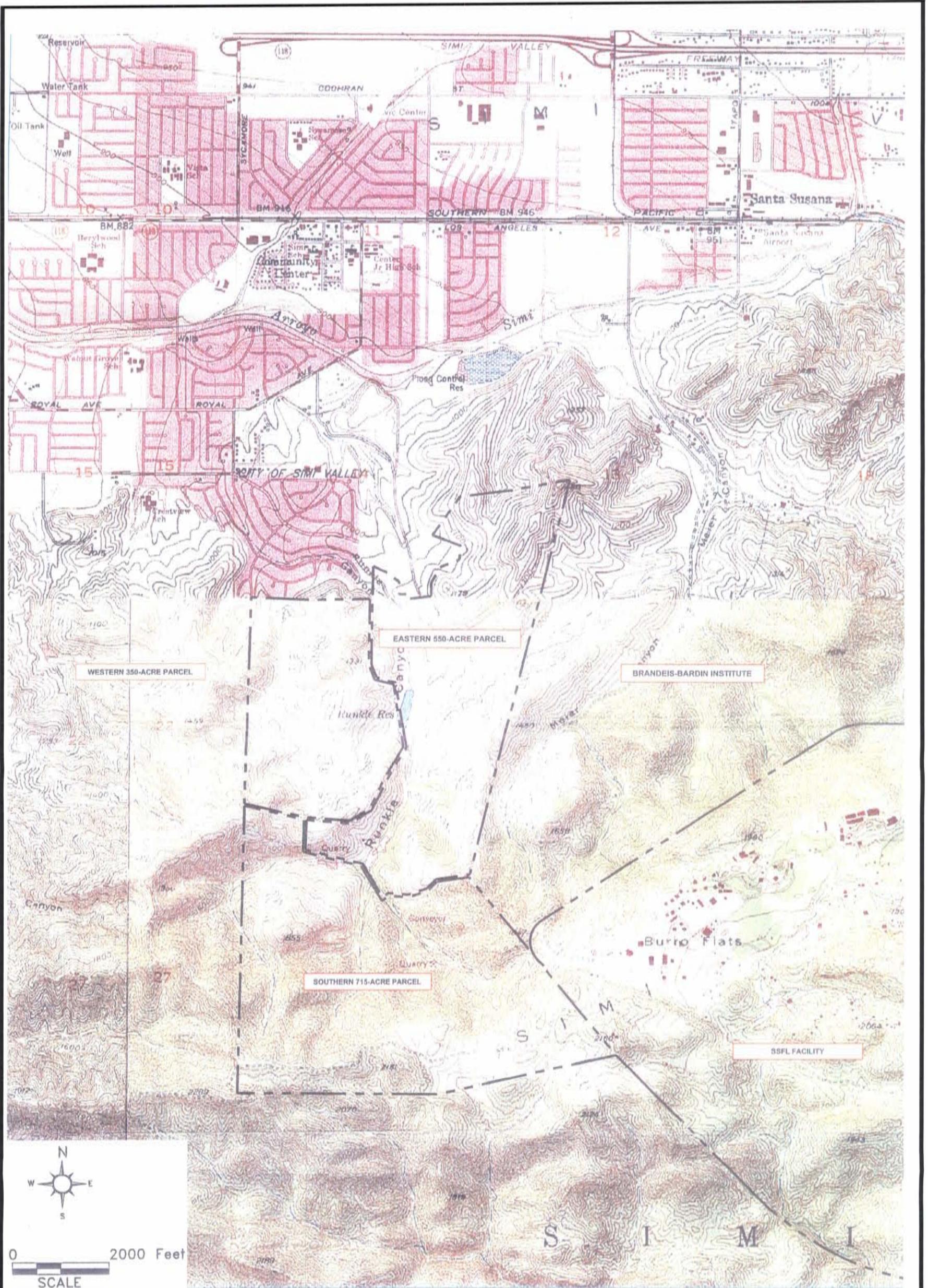
The visual observations made by Geocon were limited to accessed portions of the Site and structures and the contiguous sites. Subsurface exploration, soil and groundwater sampling, and analytical laboratory testing were not within the scope of this study. The Phase I ESA at the Site was conducted by Geocon expressly and solely for KB Home. Any reliance upon the information, conclusions, or recommendations contained in this report for purposes other than the transfer of the subject property shall be at the sole risk of the party undertaking such use.

Our services have been conducted using the degree of care and skill ordinarily exercised, under similar circumstances, by environmental sciences consultants practicing in this or similar localities. No other warranty, express or implied, is made as to the professional opinions presented in this report. Geocon is not responsible for the conclusions, opinions, or recommendations made by others based on this information.

This report was compiled based partially on information supplied to Geocon from outside sources, other information that is in the public domain, and visual observations made at the property. The preliminary conclusions and recommendations herein are based solely on the information Geocon obtained in compiling the report. Geocon makes no warranty as to the accuracy of statements made by others which may be contained in the report, nor are any other warranties or guarantees, express or implied, included or intended by the report except that it has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature, but shall be a representation of findings of fact from records examined.

This evaluation does not address the presence of the following conditions unless specifically stated otherwise:

- Radon, electromagnetic fields, mold, burn ash, lead in drinking water, methane gas, and wetlands;
- Chemical compounds which naturally occur in the environment;
- Contaminants or contaminant concentrations that are not currently a concern but may be under future regulatory standards.



REFERENCE: U.S.G.S. TOPOGRAPHIC MAPS, 7.5 MINUTE SERIES,  
SIMI VALLEY EAST, CA QUADRANGLE

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CONSULTANTS, INC.

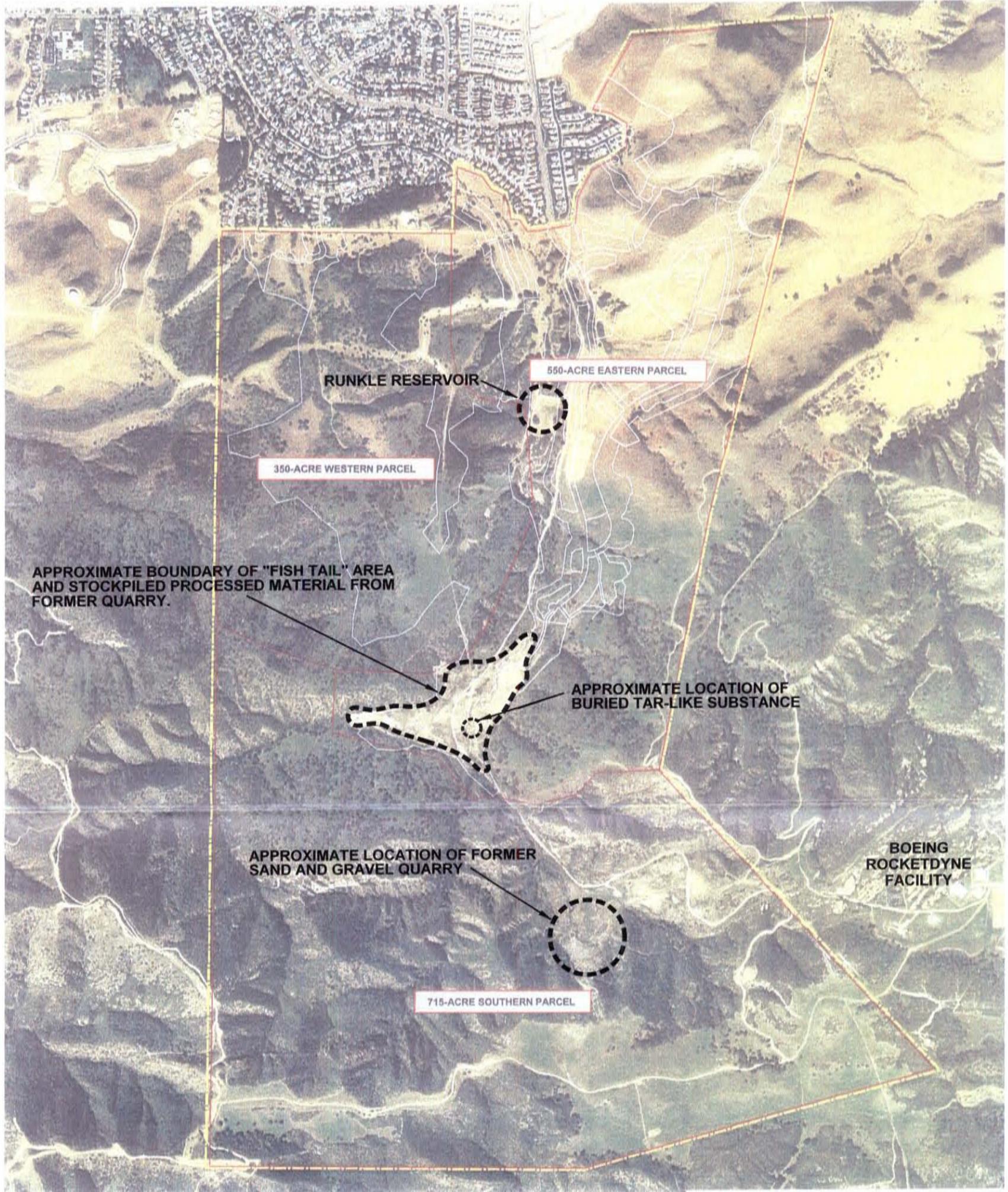
ENVIRONMENTAL GEOTECHNICAL MATERIALS  
3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA 91504  
PHONE (818) 841-8388 - FAX (818) 841-1704

MPC	8000
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VICINITY/TOPOGRAPHIC MAP

KB HOME  
Runkle Canyon  
Simi Valley, California

AUG. 31, 2005	PROJECT NO. A8314-06-01	FIG. 1
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RUNKLE RESERVOIR

550-ACRE EASTERN PARCEL

350-ACRE WESTERN PARCEL

APPROXIMATE BOUNDARY OF "FISH TAIL" AREA AND STOCKPILED PROCESSED MATERIAL FROM FORMER QUARRY.

APPROXIMATE LOCATION OF BURIED TAR-LIKE SUBSTANCE

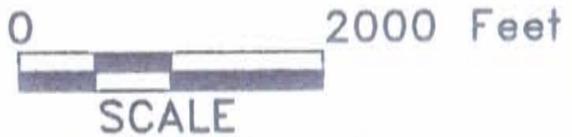
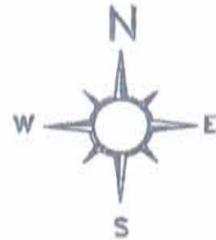
APPROXIMATE LOCATION OF FORMER SAND AND GRAVEL QUARRY

BOEING ROCKETDYNE FACILITY

715-ACRE SOUTHERN PARCEL

**LEGEND**

-  PROPERTY LINE
-  PARCEL BOUNDARY
-  TRACT BOUNDARY (SHOWN IN WHITE)
-  PROPOSED TRACT ROAD (SHOWN IN WHITE)



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PHONE (818) 841-8388 - FAX (818) 841-1704

**SITE PLAN**

KB HOME  
Runkle Canyon  
Simi Valley, California

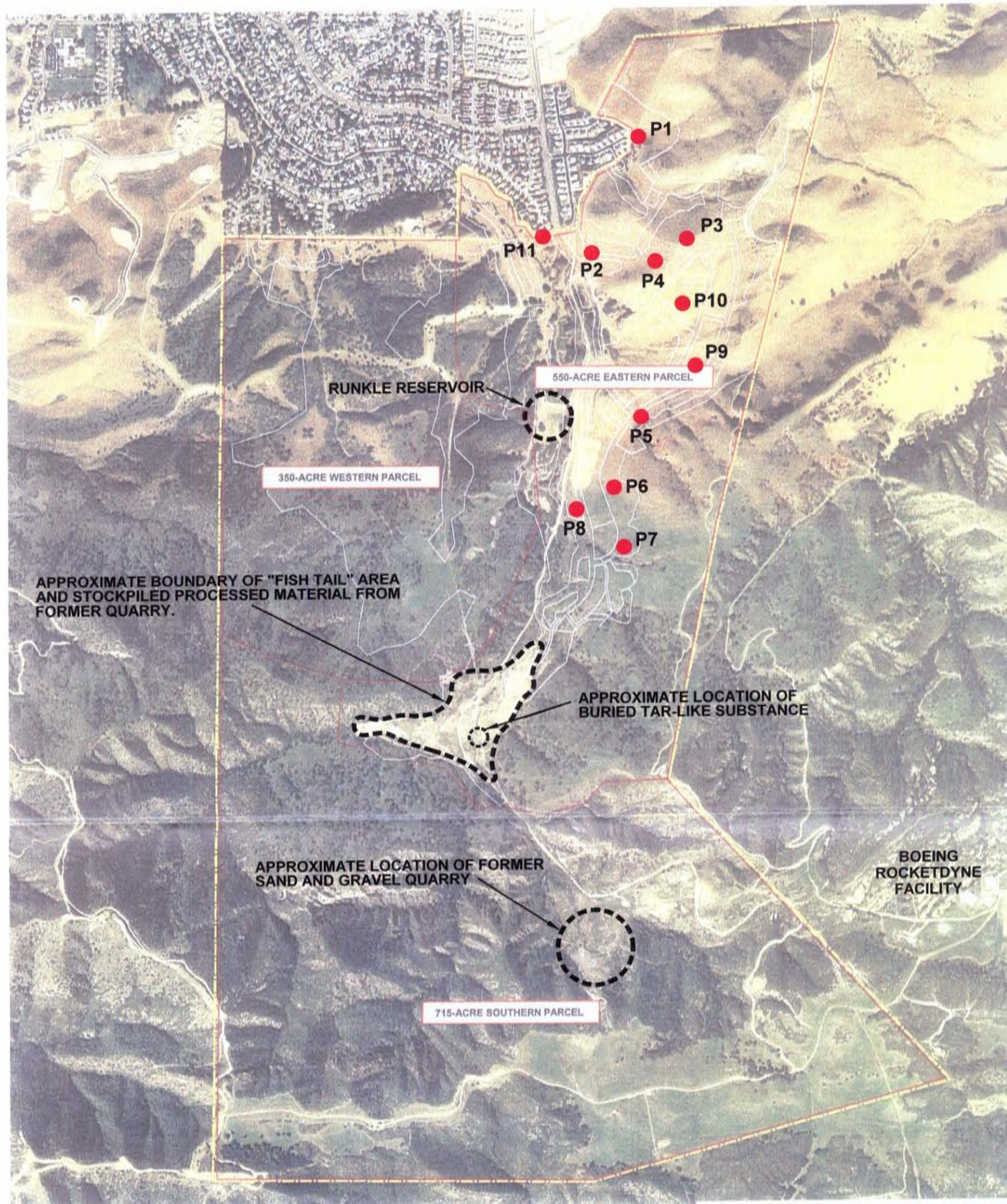
MPC

8000

AUG. 31, 2005

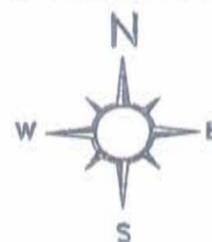
PROJECT NO. A8314-06-01

FIG. 2



**LEGEND**

-  PROPERTY LINE
-  PARCEL BOUNDARY
-  TRACT BOUNDARY (SHOWN IN WHITE)
-  PROPOSED TRACT ROAD (SHOWN IN WHITE)
-  **P11** APPROXIMATE LOCATION OF BORING (PESTICIDE TEST)



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PHONE (818) 841-8388 - FAX (818) 841-1704

MPC

8000

**PESTICIDE BORING LOCATION MAP**

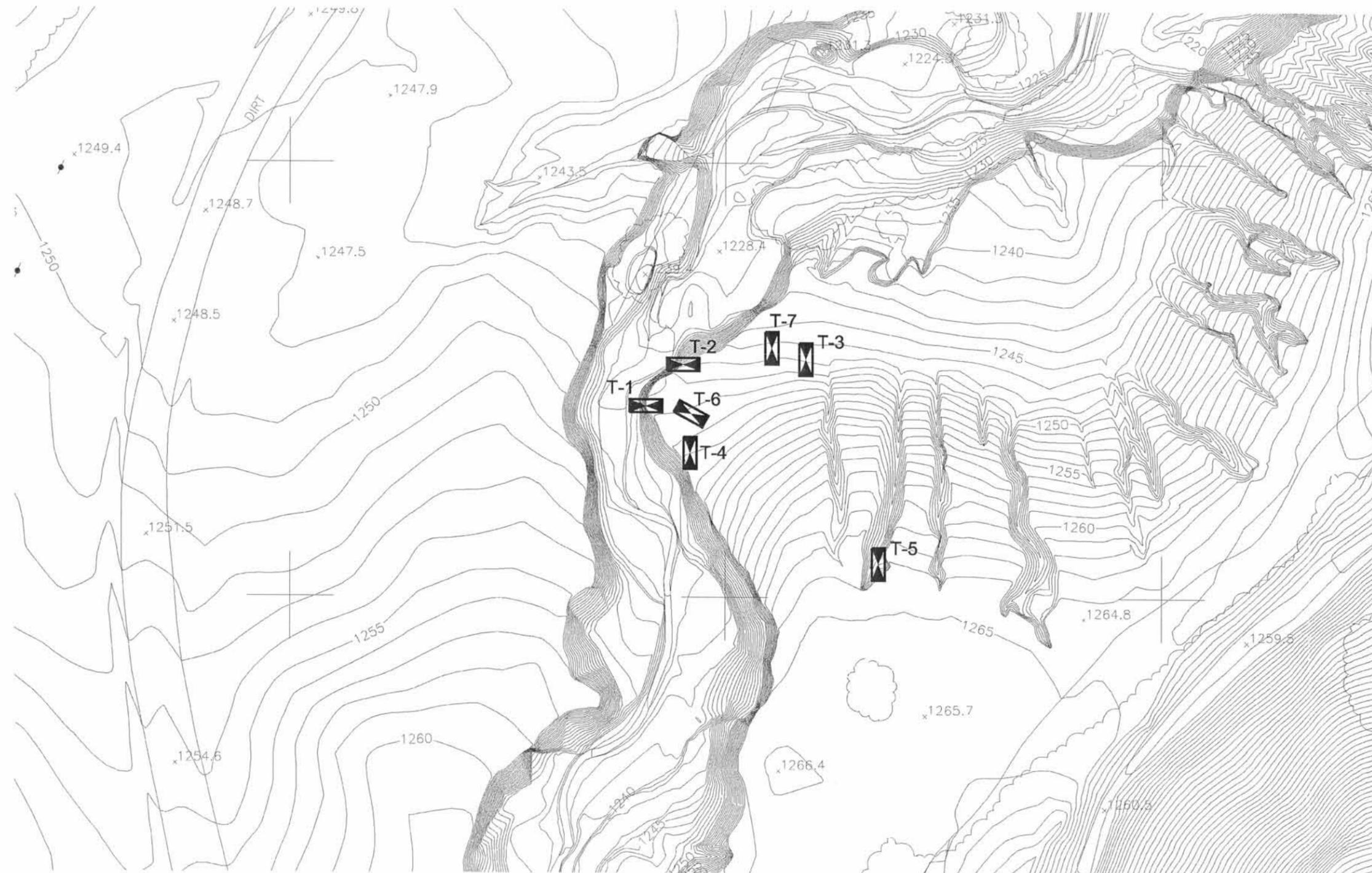
KB HOME  
Runkle Canyon  
Simi Valley, California

AUG. 31, 2005

PROJECT NO. A8314-06-01

FIG. 3

RUNKLE CANYON  
VENTURA COUNTY, CALIFORNIA



APPROX. SCALE: 1" = 50'

**GEOCON LEGEND**

 .....APPROX. LOCATION OF TEST PIT

**GEOCON**

CONSULTANTS, INC.  
ENVIRONMENTAL ■ GEOTECHNICAL ■ MATERIALS  
3303 N. SAN FERNANDO BLVD. STE. 100 - BURBANK, CA 91504 - 2531  
PHONE 818 841-8388 - FAX 818 841-1704  
PROJECT NO. A8314 - 06 - 01



FIGURE 4  
DATE

SITE PLAN WITH TEST PIT LOCATIONS



**Photo 1 – Looking south at main entrance at terminus of Sequoia Avenue.**



**Photo 2 – Corral area on the 550 acre parcel.**

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CONSULTANTS, INC.  
3303 N. San Fernando Blvd., Suite 100, Burbank, CA 91504  
PHONE (818) 841-8388 – FAX (818) 841-1704



**SITE PHOTOS 1 & 2**

Phase I Site Assessment  
Runkle Canyon, Simi Valley, California

A8314-06-01

August 31, 2005



**Photo 3 – Looking northwest from 350 acre parcel toward the 550 acre parcel.**



**Photo 4 – Looking northwest from Runkle Haul Road at reservoir.**

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3303 N. San Fernando Blvd., Suite 100, Burbank, CA 91504  
PHONE (818) 841-8388 – FAX (818) 841-1704



**SITE PHOTOS 3 & 4**

Phase I Site Assessment  
Runkle Canyon, Simi Valley, California

A8314-06-01

August 31, 2005



**Photo 5 – Looking southeast along high pressure gas line easement toward the “Fishtail area”.**



**Photo 6 – Tailing pile from former quarry operation on the 750 acre parcel.**

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CONSULTANTS, INC.  
3303 N. San Fernando Blvd., Suite 100, Burbank, CA 91504  
PHONE (818) 841-8388 – FAX (818) 841-1704



**SITE PHOTOS 5 & 6**

Phase I Site Assessment  
Runkle Canyon, Simi Valley, California

A8314-06-01

August 31, 2005



**Photo 7 – Looking south at corral and windmill area of the 750 acre parcel.**



**Photo 8 – Processed material from former quarry stockpiled in “Fishtail area.” Note section of conveyor belt buried in the material.**

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CONSULTANTS, INC.  
 3303 N. San Fernando Blvd., Suite 100, Burbank, CA 91504  
 PHONE (818) 841-8388 – FAX (818) 841-1704



<b>SITE PHOTOS 7 &amp; 8</b>		
Phase I Site Assessment Runkle Canyon, Simi Valley, California		
A8314-06-01		August 31, 2005



**Photo 9 – Monitoring well Number 2.**



**Photo 10 – Section of pipe and pieces of asphalt roadway buried in quarry material piles in the “Fishtail area.”**

**GEOCON**

CONSULTANTS, INC.  
3303 N. San Fernando Blvd., Suite 100, Burbank, CA 91504  
PHONE (818) 841-8388 – FAX (818) 841-1704



**SITE PHOTOS 9 & 10**

Phase I Site Assessment  
Runkle Canyon, Simi Valley, California

A8314-06-01

August 31, 2005

**Advanced Technology Laboratories**

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-001A

**Client Sample ID:** P1-05'  
**Collection Date:** 7/5/2005 8:00:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
---------	--------	-----	------	-------	----	---------------

**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDE	34	2.0	µg/Kg	1	7/7/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/7/2005		
Aldrin	ND	1.0	µg/Kg	1	7/7/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/7/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Chlordane	ND	8.5	µg/Kg	1	7/7/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/7/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/7/2005		
Endrin	ND	2.0	µg/Kg	1	7/7/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/7/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/7/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/7/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/7/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/7/2005		
Toxaphene	ND	85	µg/Kg	1	7/7/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

# Advanced Technology Laboratories

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-002A

**Client Sample ID:** P1-3'  
**Collection Date:** 7/5/2005 8:00:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/7/2005		
Aldrin	ND	1.0	µg/Kg	1	7/7/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/7/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Chlordane	ND	8.5	µg/Kg	1	7/7/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/7/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/7/2005		
Endrin	ND	2.0	µg/Kg	1	7/7/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/7/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/7/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/7/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/7/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/7/2005		
Toxaphene	ND	85	µg/Kg	1	7/7/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**Advanced Technology Laboratories**

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-003A

**Client Sample ID:** P2-0.5  
**Collection Date:** 7/5/2005 8:35:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDE	4.0	2.0	µg/Kg	1	7/7/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/7/2005		
Aldrin	ND	1.0	µg/Kg	1	7/7/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/7/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Chlordane	ND	8.5	µg/Kg	1	7/7/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/7/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/7/2005		
Endrin	ND	2.0	µg/Kg	1	7/7/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/7/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/7/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/7/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/7/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/7/2005		
Toxaphene	ND	85	µg/Kg	1	7/7/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**Advanced Technology Laboratories**

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-004A

**Client Sample ID:** P2-3'  
**Collection Date:** 7/5/2005 8:35:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/7/2005		
Aldrin	ND	1.0	µg/Kg	1	7/7/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/7/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Chlordane	ND	8.5	µg/Kg	1	7/7/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/7/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/7/2005		
Endrin	ND	2.0	µg/Kg	1	7/7/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/7/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/7/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/7/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/7/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/7/2005		
Toxaphene	ND	85	µg/Kg	1	7/7/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**Advanced Technology Laboratories**

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-005A

**Client Sample ID:** P3-0.5  
**Collection Date:** 7/5/2005 9:05:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/7/2005		
Aldrin	ND	1.0	µg/Kg	1	7/7/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/7/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Chlordane	ND	8.5	µg/Kg	1	7/7/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/7/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/7/2005		
Endrin	ND	2.0	µg/Kg	1	7/7/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/7/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/7/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/7/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/7/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/7/2005		
Toxaphene	ND	85	µg/Kg	1	7/7/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

# Advanced Technology Laboratories

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-006A

**Client Sample ID:** P3-3'  
**Collection Date:** 7/5/2005 9:10:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/7/2005		
Aldrin	ND	1.0	µg/Kg	1	7/7/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/7/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Chlordane	ND	8.5	µg/Kg	1	7/7/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/7/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/7/2005		
Endrin	ND	2.0	µg/Kg	1	7/7/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/7/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/7/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/7/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/7/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/7/2005		
Toxaphene	ND	85	µg/Kg	1	7/7/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**Advanced Technology Laboratories**

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-007A

**Client Sample ID:** P4-0.5  
**Collection Date:** 7/5/2005 9:25:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/7/2005		
Aldrin	ND	1.0	µg/Kg	1	7/7/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/7/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Chlordane	ND	8.5	µg/Kg	1	7/7/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/7/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/7/2005		
Endrin	ND	2.0	µg/Kg	1	7/7/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/7/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/7/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/7/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/7/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/7/2005		
Toxaphene	ND	85	µg/Kg	1	7/7/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

# Advanced Technology Laboratories

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-008A

**Client Sample ID:** P4-3'  
**Collection Date:** 7/5/2005 9:30:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/7/2005		
Aldrin	ND	1.0	µg/Kg	1	7/7/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/7/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Chlordane	ND	8.5	µg/Kg	1	7/7/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/7/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/7/2005		
Endrin	ND	2.0	µg/Kg	1	7/7/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/7/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/7/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/7/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/7/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/7/2005		
Toxaphene	ND	85	µg/Kg	1	7/7/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

# Advanced Technology Laboratories

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-009A

**Client Sample ID:** P5-0.5  
**Collection Date:** 7/5/2005 10:00:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/7/2005		
Aldrin	ND	1.0	µg/Kg	1	7/7/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/7/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Chlordane	ND	8.5	µg/Kg	1	7/7/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/7/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/7/2005		
Endrin	ND	2.0	µg/Kg	1	7/7/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/7/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/7/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/7/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/7/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/7/2005		
Toxaphene	ND	85	µg/Kg	1	7/7/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**Advanced Technology Laboratories**

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-010A

**Client Sample ID:** P5-3'  
**Collection Date:** 7/5/2005 10:10:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/7/2005		
Aldrin	ND	1.0	µg/Kg	1	7/7/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/7/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Chlordane	ND	8.5	µg/Kg	1	7/7/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/7/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/7/2005		
Endrin	ND	2.0	µg/Kg	1	7/7/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/7/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/7/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/7/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/7/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/7/2005		
Toxaphene	ND	85	µg/Kg	1	7/7/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**Advanced Technology Laboratories**

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-011A

**Client Sample ID:** P6-0.5  
**Collection Date:** 7/5/2005 10:45:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/7/2005		
Aldrin	ND	1.0	µg/Kg	1	7/7/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/7/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Chlordane	ND	8.5	µg/Kg	1	7/7/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/7/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/7/2005		
Endrin	ND	2.0	µg/Kg	1	7/7/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/7/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/7/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/7/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/7/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/7/2005		
Toxaphene	ND	85	µg/Kg	1	7/7/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

# Advanced Technology Laboratories

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-012A

**Client Sample ID:** P6-3  
**Collection Date:** 7/5/2005 10:45:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/7/2005		
Aldrin	ND	1.0	µg/Kg	1	7/7/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/7/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Chlordane	ND	8.5	µg/Kg	1	7/7/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/7/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/7/2005		
Endrin	ND	2.0	µg/Kg	1	7/7/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/7/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/7/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/7/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/7/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/7/2005		
Toxaphene	ND	85	µg/Kg	1	7/7/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**Advanced Technology Laboratories**

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-013A

**Client Sample ID:** P7-0.5  
**Collection Date:** 7/5/2005 11:35:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID: GC10_050707A	QC Batch: 23440			PrepDate: 7/6/2005	Analyst: EES	
4,4'-DDD	ND	2.0		µg/Kg	1	7/7/2005
4,4'-DDE	ND	2.0		µg/Kg	1	7/7/2005
4,4'-DDT	ND	2.0		µg/Kg	1	7/7/2005
Aldrin	ND	1.0		µg/Kg	1	7/7/2005
alpha-BHC	ND	1.0		µg/Kg	1	7/7/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	7/7/2005
beta-BHC	ND	1.0		µg/Kg	1	7/7/2005
Chlordane	ND	8.5		µg/Kg	1	7/7/2005
delta-BHC	ND	1.0		µg/Kg	1	7/7/2005
Dieldrin	ND	2.0		µg/Kg	1	7/7/2005
Endosulfan I	ND	1.0		µg/Kg	1	7/7/2005
Endosulfan II	ND	2.0		µg/Kg	1	7/7/2005
Endosulfansulfate	ND	2.0		µg/Kg	1	7/7/2005
Endrin	ND	2.0		µg/Kg	1	7/7/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	7/7/2005
Endrin ketone	ND	2.0		µg/Kg	1	7/7/2005
gamma-BHC	ND	1.0		µg/Kg	1	7/7/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	7/7/2005
Heptachlor	ND	1.0		µg/Kg	1	7/7/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	7/7/2005
Methoxychlor	ND	8.5		µg/Kg	1	7/7/2005
Toxaphene	ND	85		µg/Kg	1	7/7/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**Advanced Technology Laboratories**

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-014A

**Client Sample ID:** P7-3  
**Collection Date:** 7/5/2005 11:35:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/7/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/7/2005		
Aldrin	ND	1.0	µg/Kg	1	7/7/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/7/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Chlordane	ND	8.5	µg/Kg	1	7/7/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/7/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/7/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/7/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/7/2005		
Endrin	ND	2.0	µg/Kg	1	7/7/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/7/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/7/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/7/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/7/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/7/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/7/2005		
Toxaphene	ND	85	µg/Kg	1	7/7/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**Advanced Technology Laboratories**

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-015A

**Client Sample ID:** P8-0.5  
**Collection Date:** 7/5/2005 11:40:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/8/2005		
4,4'-DDE	2.9	2.0	µg/Kg	1	7/8/2005		
4,4'-DDT	2.2	2.0	µg/Kg	1	7/8/2005		
Aldrin	ND	1.0	µg/Kg	1	7/8/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/8/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Chlordane	ND	8.5	µg/Kg	1	7/8/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/8/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/8/2005		
Endrin	ND	2.0	µg/Kg	1	7/8/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/8/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/8/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/8/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/8/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/8/2005		
Toxaphene	ND	85	µg/Kg	1	7/8/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

# Advanced Technology Laboratories

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-016A

**Client Sample ID:** P8-3  
**Collection Date:** 7/5/2005 11:40:00 AM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/8/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/8/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/8/2005		
Aldrin	ND	1.0	µg/Kg	1	7/8/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/8/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Chlordane	ND	8.5	µg/Kg	1	7/8/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/8/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/8/2005		
Endrin	ND	2.0	µg/Kg	1	7/8/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/8/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/8/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/8/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/8/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/8/2005		
Toxaphene	ND	85	µg/Kg	1	7/8/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

# Advanced Technology Laboratories

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-017A

**Client Sample ID:** P9-0.5  
**Collection Date:** 7/5/2005 12:20:00 PM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/8/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/8/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/8/2005		
Aldrin	ND	1.0	µg/Kg	1	7/8/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/8/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Chlordane	ND	8.5	µg/Kg	1	7/8/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/8/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/8/2005		
Endrin	ND	2.0	µg/Kg	1	7/8/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/8/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/8/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/8/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/8/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/8/2005		
Toxaphene	ND	85	µg/Kg	1	7/8/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

# Advanced Technology Laboratories

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-018A

**Client Sample ID:** P9-3  
**Collection Date:** 7/5/2005 12:20:00 PM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/8/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/8/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/8/2005		
Aldrin	ND	1.0	µg/Kg	1	7/8/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/8/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Chlordane	ND	8.5	µg/Kg	1	7/8/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/8/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/8/2005		
Endrin	ND	2.0	µg/Kg	1	7/8/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/8/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/8/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/8/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/8/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/8/2005		
Toxaphene	ND	85	µg/Kg	1	7/8/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**Advanced Technology Laboratories**

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-019A

**Client Sample ID:** P10-0.5  
**Collection Date:** 7/5/2005 12:40:00 PM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/8/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/8/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/8/2005		
Aldrin	ND	1.0	µg/Kg	1	7/8/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/8/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Chlordane	ND	8.5	µg/Kg	1	7/8/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/8/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/8/2005		
Endrin	ND	2.0	µg/Kg	1	7/8/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/8/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/8/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/8/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/8/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/8/2005		
Toxaphene	ND	85	µg/Kg	1	7/8/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**Advanced Technology Laboratories**

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-020A

**Client Sample ID:** P10-2.5  
**Collection Date:** 7/5/2005 12:40:00 PM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707A	QC Batch:	23440	PrepDate:	7/6/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/8/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/8/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/8/2005		
Aldrin	ND	1.0	µg/Kg	1	7/8/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/8/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Chlordane	ND	8.5	µg/Kg	1	7/8/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/8/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/8/2005		
Endrin	ND	2.0	µg/Kg	1	7/8/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/8/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/8/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/8/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/8/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/8/2005		
Toxaphene	ND	85	µg/Kg	1	7/8/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**Advanced Technology Laboratories**

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-021A

**Client Sample ID:** P11-0.5  
**Collection Date:** 7/5/2005 1:00:00 PM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707B	QC Batch:	23444	PrepDate:	7/7/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/8/2005		
4,4'-DDE	240	20	µg/Kg	10	7/8/2005		
4,4'-DDT	37	2.0	µg/Kg	1	7/8/2005		
Aldrin	ND	1.0	µg/Kg	1	7/8/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/8/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Chlordane	ND	8.5	µg/Kg	1	7/8/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/8/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/8/2005		
Endrin	ND	2.0	µg/Kg	1	7/8/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/8/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/8/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/8/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/8/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/8/2005		
Toxaphene	ND	85	µg/Kg	1	7/8/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**Advanced Technology Laboratories**

Date: 08-Jul-05

**CLIENT:** Geocon Consultants, Inc.  
**Lab Order:** 077511  
**Project:** RUNKLE, A8314-06-01  
**Lab ID:** 077511-022A

**Client Sample ID:** P11-3  
**Collection Date:** 7/5/2005 1:00:00 PM  
**Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**ORGANOCHLORINE PESTICIDES BY GC/ECD  
(EPA 3550B)**

**EPA 8081A**

RunID:	GC10_050707B	QC Batch:	23444	PrepDate:	7/7/2005	Analyst:	EES
4,4'-DDD	ND	2.0	µg/Kg	1	7/8/2005		
4,4'-DDE	ND	2.0	µg/Kg	1	7/8/2005		
4,4'-DDT	ND	2.0	µg/Kg	1	7/8/2005		
Aldrin	ND	1.0	µg/Kg	1	7/8/2005		
alpha-BHC	ND	1.0	µg/Kg	1	7/8/2005		
alpha-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
beta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Chlordane	ND	8.5	µg/Kg	1	7/8/2005		
delta-BHC	ND	1.0	µg/Kg	1	7/8/2005		
Dieldrin	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfan I	ND	1.0	µg/Kg	1	7/8/2005		
Endosulfan II	ND	2.0	µg/Kg	1	7/8/2005		
Endosulfansulfate	ND	2.0	µg/Kg	1	7/8/2005		
Endrin	ND	2.0	µg/Kg	1	7/8/2005		
Endrin aldehyde	ND	2.0	µg/Kg	1	7/8/2005		
Endrin ketone	ND	2.0	µg/Kg	1	7/8/2005		
gamma-BHC	ND	1.0	µg/Kg	1	7/8/2005		
gamma-Chlordane	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor	ND	1.0	µg/Kg	1	7/8/2005		
Heptachlor epoxide	ND	1.0	µg/Kg	1	7/8/2005		
Methoxychlor	ND	8.5	µg/Kg	1	7/8/2005		
Toxaphene	ND	85	µg/Kg	1	7/8/2005		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**CLIENT:** Geocon Consultants, Inc.  
**Work Order:** 077511  
**Project:** RUNKLE, A8314-06-01

**ANALYTICAL QC SUMMARY REPORT**

**TestCode: 8081\_S**

Sample ID: <b>MB-23440</b>	SampType: <b>MBLK</b>	TestCode: <b>8081_S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/6/2005</b>	Run ID: <b>GC10_050707A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23440</b>	TestNo: <b>EPA 8081A (EPA 3550B)</b>		Analysis Date: <b>7/7/2005</b>	SeqNo: <b>762565</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

4,4'-DDD	ND	2.0									
4,4'-DDE	ND	2.0									
4,4'-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID: <b>MB-23440</b>	SampType: <b>MBLK</b>	TestCode: <b>8081_S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/6/2005</b>	Run ID: <b>GC10_050707A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23440</b>	TestNo: <b>EPA 8081A (EPA 3550B)</b>		Analysis Date: <b>7/8/2005</b>	SeqNo: <b>762593</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

4,4'-DDD	ND	2.0									
4,4'-DDE	ND	2.0									

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

**CLIENT:** Geocon Consultants, Inc.  
**Work Order:** 077511  
**Project:** RUNKLE, A8314-06-01

## ANALYTICAL QC SUMMARY REPORT

**TestCode: 8081\_S**

Sample ID: <b>MB-23440</b>	SampType: <b>MBLK</b>	TestCode: <b>8081_S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/6/2005</b>	Run ID: <b>GC10_050707A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23440</b>	TestNo: <b>EPA 8081A</b>	<b>(EPA 3550B)</b>	Analysis Date: <b>7/8/2005</b>	SeqNo: <b>762593</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

4,4'-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfansulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID: <b>MB-23444</b>	SampType: <b>MBLK</b>	TestCode: <b>8081_S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/7/2005</b>	Run ID: <b>GC10_050707B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23444</b>	TestNo: <b>EPA 8081A</b>	<b>(EPA 3550B)</b>	Analysis Date: <b>7/8/2005</b>	SeqNo: <b>762619</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

4,4'-DDD	ND	2.0									
4,4'-DDE	ND	2.0									
4,4'-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

CLIENT: Geocon Consultants, Inc.  
 Work Order: 077511  
 Project: RUNKLE, A8314-06-01

## ANALYTICAL QC SUMMARY REPORT

TestCode: 8081\_S

Sample ID: <b>MB-23444</b>	SampType: <b>MBLK</b>	TestCode: <b>8081_S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/7/2005</b>	Run ID: <b>GC10_050707B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23444</b>	TestNo: <b>EPA 8081A</b>	<b>(EPA 3550B)</b>	Analysis Date: <b>7/8/2005</b>	SeqNo: <b>762619</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfansulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID: <b>MB-23444</b>	SampType: <b>MBLK</b>	TestCode: <b>8081_S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/7/2005</b>	Run ID: <b>GC10_050707B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23444</b>	TestNo: <b>EPA 8081A</b>	<b>(EPA 3550B)</b>	Analysis Date: <b>7/8/2005</b>	SeqNo: <b>762625</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	2.0									
4,4'-DDE	ND	2.0									
4,4'-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

CLIENT: Geocon Consultants, Inc.  
 Work Order: 077511  
 Project: RUNKLE, A8314-06-01

## ANALYTICAL QC SUMMARY REPORT

TestCode: 8081\_S

Sample ID: <b>MB-23444</b>		SampType: <b>MBLK</b>		TestCode: <b>8081_S</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/7/2005</b>		Run ID: <b>GC10_050707B</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>23444</b>		TestNo: <b>EPA 8081A (EPA 3550B)</b>		Analysis Date: <b>7/8/2005</b>		SeqNo: <b>762625</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfansulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID: <b>LCS-23440</b>		SampType: <b>LCS</b>		TestCode: <b>8081_S</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/6/2005</b>		Run ID: <b>GC10_050707A</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>23440</b>		TestNo: <b>EPA 8081A (EPA 3550B)</b>		Analysis Date: <b>7/7/2005</b>		SeqNo: <b>762566</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	14.87	2.0	16.65	0	89.3	66	136	0	0		
Aldrin	15.74	1.0	16.65	0	94.6	85	134	0	0		
Dieldrin	14.76	2.0	16.65	0	88.6	82	128	0	0		
Endrin	16.6	2.0	16.65	0	99.7	77	139	0	0		
gamma-BHC	15.98	1.0	16.65	0	96	82	139	0	0		
Heptachlor	14.97	1.0	16.65	0	89.9	68	152	0	0		

Sample ID: <b>LCS-23440</b>		SampType: <b>LCS</b>		TestCode: <b>8081_S</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/6/2005</b>		Run ID: <b>GC10_050707A</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>23440</b>		TestNo: <b>EPA 8081A (EPA 3550B)</b>		Analysis Date: <b>7/8/2005</b>		SeqNo: <b>762595</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

CLIENT: Geocon Consultants, Inc.  
 Work Order: 077511  
 Project: RUNKLE, A8314-06-01

## ANALYTICAL QC SUMMARY REPORT

TestCode: 8081\_S

Sample ID: <b>LCS-23440</b>		SampType: <b>LCS</b>		TestCode: <b>8081_S</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/6/2005</b>		Run ID: <b>GC10_050707A</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>23440</b>		TestNo: <b>EPA 8081A (EPA 3550B)</b>		Analysis Date: <b>7/8/2005</b>		SeqNo: <b>762595</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	15.72	2.0	16.65	0	94.4	66	136	0	0		
Aldrin	16.54	1.0	16.65	0	99.3	85	134	0	0		
Dieldrin	15.67	2.0	16.65	0	94.1	82	128	0	0		
Endrin	18.16	2.0	16.65	0	109	77	139	0	0		
gamma-BHC	16.77	1.0	16.65	0	101	82	139	0	0		
Heptachlor	16.25	1.0	16.65	0	97.6	68	152	0	0		

Sample ID: <b>LCS-23444</b>		SampType: <b>LCS</b>		TestCode: <b>8081_S</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/7/2005</b>		Run ID: <b>GC10_050707B</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>23444</b>		TestNo: <b>EPA 8081A (EPA 3550B)</b>		Analysis Date: <b>7/8/2005</b>		SeqNo: <b>762620</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	15.83	2.0	16.65	0	95.1	66	136	0	0		
Aldrin	16.55	1.0	16.65	0	99.4	85	134	0	0		
Dieldrin	15.73	2.0	16.65	0	94.5	82	128	0	0		
Endrin	18.34	2.0	16.65	0	110	77	139	0	0		
gamma-BHC	16.82	1.0	16.65	0	101	82	139	0	0		
Heptachlor	16.29	1.0	16.65	0	97.9	68	152	0	0		

Sample ID: <b>LCS-23444</b>		SampType: <b>LCS</b>		TestCode: <b>8081_S</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/7/2005</b>		Run ID: <b>GC10_050707B</b>	
Client ID: <b>ZZZZZ</b>		Batch ID: <b>23444</b>		TestNo: <b>EPA 8081A (EPA 3550B)</b>		Analysis Date: <b>7/8/2005</b>		SeqNo: <b>762626</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	15.98	2.0	16.65	0	95.9	66	136	0	0		
Aldrin	16.87	1.0	16.65	0	101	85	134	0	0		
Dieldrin	16.16	2.0	16.65	0	97	82	128	0	0		
Endrin	18.76	2.0	16.65	0	113	77	139	0	0		
gamma-BHC	16.96	1.0	16.65	0	102	82	139	0	0		
Heptachlor	16.61	1.0	16.65	0	99.8	68	152	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

CLIENT: Geocon Consultants, Inc.  
 Work Order: 077511  
 Project: RUNKLE, A8314-06-01

## ANALYTICAL QC SUMMARY REPORT

TestCode: 8081\_S

Sample ID: <b>077511-014AMS</b>		SampType: <b>MS</b>		TestCode: <b>8081_S</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/6/2005</b>		Run ID: <b>GC10_050707A</b>	
Client ID: <b>P7-3</b>		Batch ID: <b>23440</b>		TestNo: <b>EPA 8081A (EPA 3550B)</b>		Analysis Date: <b>7/7/2005</b>		SeqNo: <b>762567</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	13.39	2.0	16.65	0	80.4	48	150	0	0		
Aldrin	13.82	1.0	16.65	0	83	78	136	0	0		
Dieldrin	12.96	2.0	16.65	0	77.8	72	136	0	0		
Endrin	15.19	2.0	16.65	0	91.2	74	150	0	0		
gamma-BHC	14.04	1.0	16.65	0	84.3	76	138	0	0		
Heptachlor	13.46	1.0	16.65	0	80.8	71	149	0	0		

Sample ID: <b>077511-022AMS</b>		SampType: <b>MS</b>		TestCode: <b>8081_S</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/7/2005</b>		Run ID: <b>GC10_050707B</b>	
Client ID: <b>P11-3</b>		Batch ID: <b>23444</b>		TestNo: <b>EPA 8081A (EPA 3550B)</b>		Analysis Date: <b>7/8/2005</b>		SeqNo: <b>762621</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	15.32	2.0	16.65	0	92	48	150	0	0		
Aldrin	15.72	1.0	16.65	0	94.4	78	136	0	0		
Dieldrin	14.84	2.0	16.65	0	89.1	72	136	0	0		
Endrin	17.47	2.0	16.65	0	105	74	150	0	0		
gamma-BHC	15.9	1.0	16.65	0	95.5	76	138	0	0		
Heptachlor	15.7	1.0	16.65	0	94.3	71	149	0	0		

Sample ID: <b>077511-014AMSD</b>		SampType: <b>MSD</b>		TestCode: <b>8081_S</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/6/2005</b>		Run ID: <b>GC10_050707A</b>	
Client ID: <b>P7-3</b>		Batch ID: <b>23440</b>		TestNo: <b>EPA 8081A (EPA 3550B)</b>		Analysis Date: <b>7/7/2005</b>		SeqNo: <b>762568</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	14.26	2.0	16.65	0	85.7	48	150	13.39	6.35	30	
Aldrin	14.64	1.0	16.65	0	87.9	78	136	13.82	5.79	30	
Dieldrin	13.73	2.0	16.65	0	82.5	72	136	12.96	5.81	30	
Endrin	16.26	2.0	16.65	0	97.6	74	150	15.19	6.79	30	
gamma-BHC	14.82	1.0	16.65	0	89	76	138	14.04	5.45	30	
Heptachlor	14.5	1.0	16.65	0	87.1	71	149	13.46	7.43	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

**CLIENT:** Geocon Consultants, Inc.  
**Work Order:** 077511  
**Project:** RUNKLE, A8314-06-01

## ANALYTICAL QC SUMMARY REPORT

**TestCode: 8081\_S**

Sample ID: <b>077511-022AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>8081_S</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/7/2005</b>	Run ID: <b>GC10_050707B</b>						
Client ID: <b>P11-3</b>	Batch ID: <b>23444</b>	TestNo: <b>EPA 8081A</b>	<b>(EPA 3550B)</b>	Analysis Date: <b>7/8/2005</b>	SeqNo: <b>762622</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	15.18	2.0	16.65	0	91.2	48	150	15.32	0.896	30	
Aldrin	15.6	1.0	16.65	0	93.7	78	136	15.72	0.745	30	
Dieldrin	14.68	2.0	16.65	0	88.2	72	136	14.84	1.08	30	
Endrin	17.36	2.0	16.65	0	104	74	150	17.47	0.632	30	
gamma-BHC	15.75	1.0	16.65	0	94.6	76	138	15.9	0.958	30	
Heptachlor	15.67	1.0	16.65	0	94.1	71	149	15.7	0.212	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

**Advanced Technology Laboratories**

**Date:** 10-Aug-05

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**CLIENT:** Geocon Consultants, Inc.  
**Project:** RUNKLE CANYON, A8314-06-01  
**Lab Order:** 077986

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**CASE NARRATIVE**

Samples for 8310 were subcontracted to American Environmental Testing Laboratory, Inc. with ELAP Cert# 1541.

# Advanced Technology Laboratories

Date: 12-Aug-05

**CLIENT:** Geocon Consultants, Inc.

**Client Sample ID:** T1-10'

**Lab Order:** 077986

**Project:** RUNKLE CANYON, A8314-06-01

**Collection Date:** 8/3/2005 11:30:00 AM

**Lab ID:** 077986-001A

**Matrix:** SOLID

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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**HYDROCARBON CHAIN IDENTIFICATION**

(LUFT)

EPA 8015B(M)

RunID: GC8_050808A	QC Batch: 23765				PrepDate: 8/5/2005	Analyst: CBR
T/R Hydrocarbons: C10-C12	220	200		mg/Kg	20	8/9/2005
T/R Hydrocarbons: C13-C15	910	200		mg/Kg	20	8/9/2005
T/R Hydrocarbons: C16-C22	14000	200		mg/Kg	20	8/9/2005
T/R Hydrocarbons: C23-C32	68000	200		mg/Kg	20	8/9/2005
T/R Hydrocarbons:>C32	19000	200		mg/Kg	20	8/9/2005

**HYDROCARBON CHAIN IDENTIFICATION**

EPA 8015B

RunID: GC2_050808A	QC Batch: E05VS201				PrepDate:	Analyst: TT
T/R Hydrocarbons: C5-C12	1.2	1.0		mg/Kg	1	8/8/2005

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interferen
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

# Advanced Technology Laboratories

Date: 12-Aug-05

<b>CLIENT:</b> Geocon Consultants, Inc.	<b>Client Sample ID:</b> T1-10'
<b>Lab Order:</b> 077986	
<b>Project:</b> RUNKLE CANYON, A8314-06-01	<b>Collection Date:</b> 8/3/2005 11:30:00 AM
<b>Lab ID:</b> 077986-001A	<b>Matrix:</b> SOLID

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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## VOLATILE ORGANIC COMPOUNDS BY GC/MS

### EPA 8260B

RunID: MS1_050808B	QC Batch: P05VS125	PrepDate:	Analyst: MFR
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1,1,1,2-Tetrachloroethane	ND	25	µg/Kg	5	8/8/2005
1,1,1-Trichloroethane	ND	25	µg/Kg	5	8/8/2005
1,1,2,2-Tetrachloroethane	ND	25	µg/Kg	5	8/8/2005
1,1,2-Trichloroethane	ND	25	µg/Kg	5	8/8/2005
1,1-Dichloroethane	ND	25	µg/Kg	5	8/8/2005
1,1-Dichloroethene	ND	25	µg/Kg	5	8/8/2005
1,1-Dichloropropene	ND	25	µg/Kg	5	8/8/2005
1,2,3-Trichlorobenzene	ND	25	µg/Kg	5	8/8/2005
1,2,3-Trichloropropane	ND	25	µg/Kg	5	8/8/2005
1,2,4-Trichlorobenzene	ND	25	µg/Kg	5	8/8/2005
1,2,4-Trimethylbenzene	ND	25	µg/Kg	5	8/8/2005
1,2-Dibromo-3-chloropropane	ND	50	µg/Kg	5	8/8/2005
1,2-Dibromoethane	ND	25	µg/Kg	5	8/8/2005
1,2-Dichlorobenzene	ND	25	µg/Kg	5	8/8/2005
1,2-Dichloroethane	ND	25	µg/Kg	5	8/8/2005
1,2-Dichloropropane	ND	25	µg/Kg	5	8/8/2005
1,3,5-Trimethylbenzene	ND	25	µg/Kg	5	8/8/2005
1,3-Dichlorobenzene	ND	25	µg/Kg	5	8/8/2005
1,3-Dichloropropane	ND	25	µg/Kg	5	8/8/2005
1,4-Dichlorobenzene	ND	25	µg/Kg	5	8/8/2005
2,2-Dichloropropane	ND	25	µg/Kg	5	8/8/2005
2-Chlorotoluene	ND	25	µg/Kg	5	8/8/2005
4-Chlorotoluene	ND	25	µg/Kg	5	8/8/2005
4-Isopropyltoluene	ND	25	µg/Kg	5	8/8/2005
Benzene	35	25	µg/Kg	5	8/8/2005
Bromobenzene	ND	25	µg/Kg	5	8/8/2005
Bromodichloromethane	ND	25	µg/Kg	5	8/8/2005
Bromoform	ND	25	µg/Kg	5	8/8/2005
Bromomethane	ND	25	µg/Kg	5	8/8/2005
Carbon tetrachloride	ND	25	µg/Kg	5	8/8/2005
Chlorobenzene	ND	25	µg/Kg	5	8/8/2005
Chloroethane	ND	25	µg/Kg	5	8/8/2005
Chloroform	ND	25	µg/Kg	5	8/8/2005
Chloromethane	ND	25	µg/Kg	5	8/8/2005
cis-1,2-Dichloroethene	ND	25	µg/Kg	5	8/8/2005
cis-1,3-Dichloropropene	ND	25	µg/Kg	5	8/8/2005

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interferen
	J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

# Advanced Technology Laboratories

Date: 12-Aug-05

**CLIENT:** Geocon Consultants, Inc.

**Client Sample ID:** T1-10'

**Lab Order:** 077986

**Project:** RUNKLE CANYON, A8314-06-01

**Collection Date:** 8/3/2005 11:30:00 AM

**Lab ID:** 077986-001A

**Matrix:** SOLID

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
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## VOLATILE ORGANIC COMPOUNDS BY GC/MS

### EPA 8260B

RunID:	MS1_050808B	QC Batch:	P05VS125	PrepDate:	Analyst:	MFR
Dibromochloromethane	ND	25	µg/Kg	5	8/8/2005	
Dibromomethane	ND	25	µg/Kg	5	8/8/2005	
Dichlorodifluoromethane	ND	25	µg/Kg	5	8/8/2005	
Ethylbenzene	27	25	µg/Kg	5	8/8/2005	
Hexachlorobutadiene	ND	25	µg/Kg	5	8/8/2005	
Isopropylbenzene	ND	25	µg/Kg	5	8/8/2005	
m,p-Xylene	ND	50	µg/Kg	5	8/8/2005	
Methylene chloride	ND	25	µg/Kg	5	8/8/2005	
n-Butylbenzene	ND	25	µg/Kg	5	8/8/2005	
n-Propylbenzene	ND	25	µg/Kg	5	8/8/2005	
Naphthalene	ND	25	µg/Kg	5	8/8/2005	
o-Xylene	ND	25	µg/Kg	5	8/8/2005	
sec-Butylbenzene	ND	25	µg/Kg	5	8/8/2005	
Styrene	ND	25	µg/Kg	5	8/8/2005	
tert-Butylbenzene	ND	25	µg/Kg	5	8/8/2005	
Tetrachloroethene	ND	25	µg/Kg	5	8/8/2005	
Toluene	62	25	µg/Kg	5	8/8/2005	
trans-1,2-Dichloroethene	ND	25	µg/Kg	5	8/8/2005	
Trichloroethene	ND	25	µg/Kg	5	8/8/2005	
Trichlorofluoromethane	ND	25	µg/Kg	5	8/8/2005	
Vinyl chloride	ND	25	µg/Kg	5	8/8/2005	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interferen  
 J - Analyte detected below quantitation limits      H - Sample exceeded analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

**CLIENT:** Geocon Consultants, Inc.  
**Work Order:** 077986  
**Project:** RUNKLE CANYON, A8314-06-01

**ANALYTICAL QC SUMMARY REPORT**

**TestCode: 8260\_S**

Sample ID: <b>P050808MB4</b>	SampType: <b>MBLK</b>	TestCode: <b>8260_S</b>	Units: <b>µg/Kg</b>	Prep Date:	Run ID: <b>MS1_050808B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>P05VS125</b>	TestNo: <b>EPA 8260B</b>		Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773951</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO- Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

**CLIENT:** Geocon Consultants, Inc.  
**Work Order:** 077986  
**Project:** RUNKLE CANYON, A8314-06-01

## ANALYTICAL QC SUMMARY REPORT

**TestCode: 8260\_S**

Sample ID: <b>P050808MB4</b>	SampType: <b>MBLK</b>	TestCode: <b>8260_S</b>	Units: <b>µg/Kg</b>	Prep Date:	Run ID: <b>MS1_050808B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>P05VS125</b>	TestNo: <b>EPA 8260B</b>		Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773951</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									

<b>Qualifiers:</b> ND - Not Detected at the Reporting Limit J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits	S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank <b>Calculations are based on raw values</b>	DO - Surrogate dilute out H - Sample exceeded holding time
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CLIENT: Geocon Consultants, Inc.  
 Work Order: 077986  
 Project: RUNKLE CANYON, A8314-06-01

## ANALYTICAL QC SUMMARY REPORT

TestCode: 8260\_S

Sample ID: <b>P050808LC2</b>	SampType: <b>LCS</b>	TestCode: <b>8260_S</b>	Units: <b>µg/Kg</b>	Prep Date:	Run ID: <b>MS1_050808B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>P05VS125</b>	TestNo: <b>EPA 8260B</b>		Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773948</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	104.5	5.0	100	0	104	70	119	0	0		
Benzene	107.1	5.0	100	0	107	80	121	0	0		
Chlorobenzene	105.1	5.0	100	0	105	88	129	0	0		
Toluene	104.2	5.0	100	0	104	84	126	0	0		
Trichloroethene	110.3	5.0	100	0	110	83	129	0	0		

Sample ID: <b>077965-002AMS</b>	SampType: <b>MS</b>	TestCode: <b>8260_S</b>	Units: <b>µg/Kg</b>	Prep Date:	Run ID: <b>MS1_050808B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>P05VS125</b>	TestNo: <b>EPA 8260B</b>		Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773949</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	90.81	5.0	100	0	90.8	52	135	0	0		
Benzene	99.72	5.0	100	0	99.7	52	143	0	0		
Chlorobenzene	97.21	5.0	100	0	97.2	48	154	0	0		
Toluene	98.18	5.0	100	0	98.2	54	146	0	0		
Trichloroethene	102.3	5.0	100	0	102	44	169	0	0		

Sample ID: <b>077965-002AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>8260_S</b>	Units: <b>µg/Kg</b>	Prep Date:	Run ID: <b>MS1_050808B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>P05VS125</b>	TestNo: <b>EPA 8260B</b>		Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773950</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	98.93	5.0	100	0	98.9	52	135	90.81	8.56	30	
Benzene	108.3	5.0	100	0	108	52	143	99.72	8.22	30	
Chlorobenzene	108.6	5.0	100	0	109	48	154	97.21	11.1	30	
Toluene	107.5	5.0	100	0	108	54	146	98.18	9.10	30	
Trichloroethene	110.4	5.0	100	0	110	44	169	102.3	7.65	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      DO - Surrogate dilute out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

**CLIENT:** Geocon Consultants, Inc.  
**Work Order:** 077986  
**Project:** RUNKLE CANYON, A8314-06-01

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 23765**

Sample ID: <b>MB-23765</b>	SampType: <b>MBLK</b>	TestCode: <b>8015_S_DM</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/5/2005</b>	Run ID: <b>GC8_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23765</b>	TestNo: <b>EPA 8015B(M (LUFT))</b>		Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773827</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	0	10									
Motor Oil	0	10									

Sample ID: <b>MB-23765</b>	SampType: <b>MBLK</b>	TestCode: <b>8015_S_DM</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/5/2005</b>	Run ID: <b>GC8_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23765</b>	TestNo: <b>EPA 8015B(M (LUFT))</b>		Analysis Date: <b>8/12/2005</b>	SeqNo: <b>775422</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	0	10									
Motor Oil	0	10									

Sample ID: <b>LCS-23765</b>	SampType: <b>LCS</b>	TestCode: <b>8015_S_DM</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/5/2005</b>	Run ID: <b>GC8_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23765</b>	TestNo: <b>EPA 8015B(M (LUFT))</b>		Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773828</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	1088	10	1000	0	109	68	126	0	0		
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Sample ID: <b>LCS-23765</b>	SampType: <b>LCS</b>	TestCode: <b>8015_S_DM</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/5/2005</b>	Run ID: <b>GC8_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23765</b>	TestNo: <b>EPA 8015B(M (LUFT))</b>		Analysis Date: <b>8/12/2005</b>	SeqNo: <b>775423</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	1200	10	1000	0	120	68	126	0	0		
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Sample ID: <b>077938-001DMS</b>	SampType: <b>MS</b>	TestCode: <b>8015_S_DM</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/5/2005</b>	Run ID: <b>GC8_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23765</b>	TestNo: <b>EPA 8015B(M (LUFT))</b>		Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773829</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	1179	10	1000	0	118	49	139	0	0		
--------	------	----	------	---	-----	----	-----	---	---	--	--

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside limits due to matrix interference      DO - Surrogate diluted out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

**CLIENT:** Geocon Consultants, Inc.  
**Work Order:** 077986  
**Project:** RUNKLE CANYON, A8314-06-01

## ANALYTICAL QC SUMMARY REPORT

**BatchID: 23765**

Sample ID: <b>077938-001DMSD</b>	SampType: <b>MSD</b>	TestCode: <b>8015_S_DM</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/5/2005</b>	Run ID: <b>GC8_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23765</b>	TestNo: <b>EPA 8015B(M (LUFT)</b>	Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773830</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	1111	10	1000	0	111	49	139	1179	5.93	30	

Sample ID: <b>MB-23765</b>	SampType: <b>MBLK</b>	TestCode: <b>HC_S_SEMI</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/5/2005</b>	Run ID: <b>GC8_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23765</b>	TestNo: <b>EPA 8015B(M (LUFT)</b>	Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773832</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
C10-C28	ND	10									
C12+ to C22	ND	10									
C13-C22	ND	10									
C18-C36	ND	10									
C22+ to C40	ND	10									
C23-C39	ND	10									
T/R Hydrocarbons: C6-C12	ND	10									
T/R Hydrocarbons: C8-C10	ND	10									
T/R Hydrocarbons: C8-C12	ND	10									
T/R Hydrocarbons: C10-C12	ND	10									
T/R Hydrocarbons: C10-C28	ND	10									
T/R Hydrocarbons: C12-C16	ND	10									
T/R Hydrocarbons: C12-C40	ND	10									
T/R Hydrocarbons: C13-C15	ND	10									
T/R Hydrocarbons: C13-C22	ND	10									
T/R Hydrocarbons: C16-C20	ND	10									
T/R Hydrocarbons: C16-C22	ND	10									
T/R Hydrocarbons: C20-C24	ND	10									
T/R Hydrocarbons: C23-C32	ND	10									
T/R Hydrocarbons: C24-C28	ND	10									
T/R Hydrocarbons: C28-C32	ND	10									
T/R Hydrocarbons: C28-C36	ND	10									
T/R Hydrocarbons: C32-C36	ND	10									
T/R Hydrocarbons: C36-C40	ND	10									

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside limits due to matrix interference      DO - Surrogate diluted out  
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 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

**CLIENT:** Geocon Consultants, Inc.  
**Work Order:** 077986  
**Project:** RUNKLE CANYON, A8314-06-01

## ANALYTICAL QC SUMMARY REPORT

**BatchID: 23765**

Sample ID: <b>MB-23765</b>	SampType: <b>MBLK</b>	TestCode: <b>HC_S_SEMI</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/5/2005</b>	Run ID: <b>GC8_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23765</b>	TestNo: <b>EPA 8015B(M (LUFT))</b>		Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773832</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons:>C23	ND	10									
T/R Hydrocarbons:>C32	ND	10									
T/R Hydrocarbons:>C40	ND	10									

Sample ID: <b>MB-23765</b>	SampType: <b>MBLK</b>	TestCode: <b>HC_S_SEMI</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/5/2005</b>	Run ID: <b>GC8_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23765</b>	TestNo: <b>EPA 8015B(M (LUFT))</b>		Analysis Date: <b>8/12/2005</b>	SeqNo: <b>775424</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
C10-C28	ND	10									
C12+ to C22	ND	10									
C13-C22	ND	10									
C18-C36	ND	10									
C22+ to C40	ND	10									
C23-C39	ND	10									
T/R Hydrocarbons: C6-C12	ND	10									
T/R Hydrocarbons: C8-C10	ND	10									
T/R Hydrocarbons: C8-C12	ND	10									
T/R Hydrocarbons: C10-C12	ND	10									
T/R Hydrocarbons: C10-C28	ND	10									
T/R Hydrocarbons: C12-C16	ND	10									
T/R Hydrocarbons: C12-C40	ND	10									
T/R Hydrocarbons: C13-C15	ND	10									
T/R Hydrocarbons: C13-C22	ND	10									
T/R Hydrocarbons: C16-C20	ND	10									
T/R Hydrocarbons: C16-C22	ND	10									
T/R Hydrocarbons: C20-C24	ND	10									
T/R Hydrocarbons: C23-C32	ND	10									
T/R Hydrocarbons: C24-C28	ND	10									
T/R Hydrocarbons: C28-C32	ND	10									
T/R Hydrocarbons: C28-C36	ND	10									

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside limits due to matrix interference      DO - Surrogate diluted out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

**CLIENT:** Geocon Consultants, Inc.  
**Work Order:** 077986  
**Project:** RUNKLE CANYON, A8314-06-01

## ANALYTICAL QC SUMMARY REPORT

**BatchID: 23765**

Sample ID: <b>MB-23765</b>	SampType: <b>MBLK</b>	TestCode: <b>HC_S_SEMI</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/5/2005</b>	Run ID: <b>GC8_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>23765</b>	TestNo: <b>EPA 8015B(M (LUFT))</b>		Analysis Date: <b>8/12/2005</b>	SeqNo: <b>775424</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C32-C36	ND	10
T/R Hydrocarbons: C36-C40	ND	10
T/R Hydrocarbons:>C23	ND	10
T/R Hydrocarbons:>C32	ND	10
T/R Hydrocarbons:>C40	ND	10

<b>Qualifiers:</b> ND - Not Detected at the Reporting Limit J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits	S - Spike/Surrogate outside limits due to matrix interference B - Analyte detected in the associated Method Blank <b>Calculations are based on raw values</b>	DO - Surrogate diluted out H - Sample exceeded holding time
---	---	--

CLIENT: Geocon Consultants, Inc.  
 Work Order: 077986  
 Project: RUNKLE CANYON, A8314-06-01

## ANALYTICAL QC SUMMARY REPORT

BatchID: E05VS201

Sample ID: <b>E080805MB1</b>	SampType: <b>MBLK</b>	TestCode: <b>8021_S_BTE</b>	Units: <b>µg/Kg</b>	Prep Date:	Run ID: <b>GC2_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>E05VS201</b>	TestNo: <b>EPA 8021B</b>		Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773725</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	0	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	0	5.0	0	0	0	0	0	0	0	0	
m,p-Xylene	0	10	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	0	5.0	0	0	0	0	0	0	0	0	
o-Xylene	0	5.0	0	0	0	0	0	0	0	0	
Toluene	1.019	5.0	0	0	0	0	0	0	0	0	J
Xylenes, Total	0.791	10	0	0	0	0	0	0	0	0	J

Sample ID: <b>E080805LCS1</b>	SampType: <b>LCS</b>	TestCode: <b>8021_S_BTE</b>	Units: <b>µg/Kg</b>	Prep Date:	Run ID: <b>GC2_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>E05VS201</b>	TestNo: <b>EPA 8021B</b>		Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773724</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	110	5.0	100	0	110	70	156	0	0	0	
Ethylbenzene	113.3	5.0	100	0	113	81	144	0	0	0	
m,p-Xylene	227	10	200	0	113	77	115	0	0	0	
Methyl tert-butyl ether	111.8	5.0	100	0	112	81	124	0	0	0	
o-Xylene	112.1	5.0	100	0	112	87	123	0	0	0	
Toluene	109.3	5.0	100	0	109	80	128	0	0	0	
Xylenes, Total	339	10	300	0	113	70	130	0	0	0	

Sample ID: <b>077918-004AMS</b>	SampType: <b>MS</b>	TestCode: <b>8021_S_BTE</b>	Units: <b>µg/Kg</b>	Prep Date:	Run ID: <b>GC2_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>E05VS201</b>	TestNo: <b>EPA 8021B</b>		Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773735</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	40.96	5.0	27	3.166	140	77	177	0	0	0	
Ethylbenzene	59.7	5.0	42	1.392	139	45	166	0	0	0	
m,p-Xylene	188	10	193	6.019	94.3	40	119	0	0	0	
Methyl tert-butyl ether	606.4	5.0	543	11.1	110	59	141	0	0	0	
o-Xylene	77.34	5.0	65	2.27	115	42	149	0	0	0	
Toluene	156.6	5.0	134	6.759	112	40	163	0	0	0	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside limits due to matrix interference      DO - Surrogate diluted out  
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 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

**CLIENT:** Geocon Consultants, Inc.  
**Work Order:** 077986  
**Project:** RUNKLE CANYON, A8314-06-01

## ANALYTICAL QC SUMMARY REPORT

**BatchID: E05VS201**

Sample ID: <b>077918-004AMS</b>	SampType: <b>MS</b>	TestCode: <b>8021_S_BTE</b>	Units: <b>µg/Kg</b>	Prep Date:	Run ID: <b>GC2_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>E05VS201</b>	TestNo: <b>EPA 8021B</b>	Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773735</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Xylenes, Total	265.3	10	258	8.289	99.6	70	130	0	0		

Sample ID: <b>077918-004AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>8021_S_BTE</b>	Units: <b>µg/Kg</b>	Prep Date:	Run ID: <b>GC2_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>E05VS201</b>	TestNo: <b>EPA 8021B</b>	Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773736</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	38.68	5.0	27	3.166	132	77	177	40.96	5.71	30	
Ethylbenzene	55.84	5.0	42	1.392	130	45	166	59.7	6.69	30	
m,p-Xylene	173.1	10	193	6.019	86.6	40	119	188	8.24	30	
Methyl tert-butyl ether	602.7	5.0	543	11.1	109	59	141	606.4	0.621	30	
o-Xylene	72.65	5.0	65	2.27	108	42	149	77.34	6.24	30	
Toluene	147.8	5.0	134	6.759	105	40	163	156.6	5.77	30	
Xylenes, Total	245.8	10	258	8.289	92	70	130	265.3	7.65	30	

Sample ID: <b>E080805MB1</b>	SampType: <b>MBLK</b>	TestCode: <b>HC_S_VOA</b>	Units: <b>mg/Kg</b>	Prep Date:	Run ID: <b>GC2_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>E05VS201</b>	TestNo: <b>EPA 8015B</b>	Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773743</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C5-C12	ND	1.0									

Sample ID: <b>E080805LCS2</b>	SampType: <b>LCS</b>	TestCode: <b>HC_S_VOA</b>	Units: <b>mg/Kg</b>	Prep Date:	Run ID: <b>GC2_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>E05VS201</b>	TestNo: <b>EPA 8015B</b>	Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773742</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C5-C12	4.993	1.0	5	0	99.9	79	117	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside limits due to matrix interference      DO - Surrogate diluted out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**

**CLIENT:** Geocon Consultants, Inc.  
**Work Order:** 077986  
**Project:** RUNKLE CANYON, A8314-06-01

## ANALYTICAL QC SUMMARY REPORT

**BatchID: E05VS201**

Sample ID: <b>077918-004AMS</b>	SampType: <b>MS</b>	TestCode: <b>HC_S_VOA</b>	Units: <b>mg/Kg</b>	Prep Date:	Run ID: <b>GC2_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>E05VS201</b>	TestNo: <b>EPA 8015B</b>		Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773752</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C5-C12	4.869	1.0	5	0	97.4	35	134	0	0		

Sample ID: <b>077918-004AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>HC_S_VOA</b>	Units: <b>mg/Kg</b>	Prep Date:	Run ID: <b>GC2_050808A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>E05VS201</b>	TestNo: <b>EPA 8015B</b>		Analysis Date: <b>8/8/2005</b>	SeqNo: <b>773753</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C5-C12	4.633	1.0	5	0	92.7	35	134	4.869	4.97	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside limits due to matrix interference      DO - Surrogate diluted out  
 J - Analyte detected below quantitation limits      B - Analyte detected in the associated Method Blank      H - Sample exceeded holding time  
 R - RPD outside accepted recovery limits      **Calculations are based on raw values**



# American Environmental Testing Laboratory Inc.

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## Ordered By

Advanced Technology Laboratories  
3275 Walnut Street  
Signal Hill, CA 90809-

Telephone: (562) 989-4045  
Attention: Diane Galvan

Number of Pages 4  
Date Received 08/05/2005  
Date Reported 08/09/2005

Job Number	Order Date	Client
34275	08/05/2005	ATL

Project ID: 077986

Enclosed please find results of analyses of 1 solid sample which was analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: \_\_\_\_\_

Approved By: \_\_\_\_\_

Cyrus Razmara  
Laboratory Director





# American Environmental Testing Laboratory Inc.

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## ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories  
 3275 Walnut Street  
 Signal Hill, CA 90809

Telephone: (562)989-4045

Attn: Diane Galvan

Page: 3

Project ID: 077986

AETL Job Number	Submitted	Client
34275	08/05/2005	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch No: 080805

Our Lab I.D.	34275.01		
Client Sample I.D.	077986-001B		
Date Sampled	08/03/2005		
Date Prepared	08/08/2005		
Preparation Method	3550B		
Date Analyzed	08/08/2005		
Matrix	Solid		
Units	mg/Kg		
Dilution Factor	10		
Analytes	MDL	PQL	Results
Benzo(a)anthracene	0.100	0.200	24.3
Benzo(a)pyrene	0.100	0.200	ND
Benzo(b)fluoranthene	0.100	0.200	ND
Benzo(k)fluoranthene	0.100	0.200	ND
Chrysene	0.100	0.200	7.04
Dibenzo(a,h)anthracene	0.100	0.200	ND
Indeno(1,2,3-cd)pyrene	0.100	0.200	ND
Acenaphthene	0.100	0.200	0.200
Acenaphthylene	0.100	0.200	ND
Anthracene	0.100	0.200	ND
Benzo(g,h,i)perylene	0.100	0.200	ND
Fluoranthene	0.100	0.200	0.592
Fluorene	0.100	0.200	1.30
Naphthalene	0.100	0.200	ND
Phenanthrene	0.100	0.200	20.3
Pyrene	0.100	0.200	4.47
Our Lab I.D.	34275.01		
Surrogates	%Rec. Limit	% Rec.	
p-Terphenyl-D14	75-125	> 125	96



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## ANALYTICAL RESULTS

### Ordered By

Advanced Technology Laboratories  
 3275 Walnut Street  
 Signal Hill, CA 90809

Telephone: (562)989-4045

Attn: Diane Galvan

Page: 4

Project ID: 077986

AETL Job Number	Submitted	Client
34275	08/05/2005	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

### QUALITY CONTROL REPORT

QC Batch No: 080805 Sample Spiked: 080805 QC Prepared: 08/08/2005 QC Analyzed: 08/08/2005 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzo(a)anthracene	0.0	0.05	0.05	90	0.05	0.04	85	5.7	75-125	<20
Benzo(a)pyrene	0.0	0.05	0.05	91	0.05	0.05	93	2.2	75-125	<20
Naphthalene	0.0	0.50	0.39	78	0.50	0.39	77	1.3	75-125	<20

QC Batch No: 080805 Sample Spiked: 080805 QC Prepared: 08/08/2005 QC Analyzed: 08/08/2005 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit
Benzo(a)anthracene	0.05	0.04	86	75-125
Benzo(a)pyrene	0.05	0.05	90	75-125
Naphthalene	0.50	0.40	80	75-125
LCS				
Acenaphthene	0.50	0.43	86	75-125
Acenaphthylene	1.00	0.91	91	75-125
Anthracene	0.05	0.05	96	75-125
Benzo(b)fluoranthene	0.10	0.09	89	75-125
Benzo(g,h,i)perylene	0.10	0.10	95	75-125
Benzo(k)fluoranthene	0.05	0.05	92	75-125
Chrysene	0.05	0.05	93	75-125
Dibenzo(a,h)anthracene	0.10	0.09	94	75-125
Fluoranthene	0.10	0.09	86	75-125
Fluorene	0.10	0.09	89	75-125
Indeno(1,2,3-cd)pyrene	0.05	0.05	96	75-125
Phenanthrene	0.05	0.05	94	75-125
Pyrene	0.05	0.04	88	75-125

**Advanced Technology Laboratorie**

3275 Walnut Avenue  
Signal Hill, CA 90755-5225  
(562) 989-4045

**CHAIN-OF-CUSTODY RECORD**

#0792 P.003/006

Subcontractor:

AETL  
2834 North Naomi Street  
Burbank, CA 91504

TEL: (818) 845-8200  
FAX: (818) 845-8840

QClevel: RTNE

Acct #:

*Job # 34275*

05-Aug-05

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests					
				EPA 8310					
077986-001B \ T1-10'	Solid	8/3/2005 11:30:00 AM	4OZG	1					<i>34275.01</i>

AMERICAN ENV TESTING LAB

Comments: Please use PO#: 080505SC1 Please fax results by: 8/9/05  
Please send report to Diane Galvan.

09.AUG.2005 16:07 8188458840

	Date/Time		Date/Time
Relinquished by: <i>[Signature]</i>	<i>8/5/05 9:45</i>	Received by: <i>[Signature]</i>	<i>8/5/05 12:15</i>
Relinquished by: <i>[Signature]</i>	<i>8/5/05 17:00</i>	Received by: <i>[Signature]</i>	<i>08/05/05 17:00</i>



**EDR™** Environmental  
Data Resources Inc

## **The EDR Radius Map with GeoCheck®**

**Runkle Canyon  
Runkle Canyon  
Simi Valley, CA 93063**

**Inquiry Number: 1451501.2s**

**June 22, 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](http://www.edrnet.com)

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

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report 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

RUNKLE CANYON  
SIMI VALLEY, CA 93063

#### COORDINATES

Latitude (North): 34.248800 - 34° 14' 55.7"  
Longitude (West): 118.730800 - 118° 43' 50.9"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 340619.3  
UTM Y (Meters): 3790902.8  
Elevation: 1088 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 34118-B6 CALABASAS, CA  
Source: USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

## EXECUTIVE SUMMARY

<b>Cal-Sites</b>	Calsites Database
<b>Notify 65</b>	Proposition 65 Records
<b>Toxic Pits</b>	Toxic Pits Cleanup Act Sites
<b>SWF/LF</b>	Solid Waste Information System
<b>WMUDS/SWAT</b>	Waste Management Unit Database
<b>CA BOND EXP. PLAN</b>	Bond Expenditure Plan
<b>UST</b>	List of Underground Storage Tank Facilities
<b>VCP</b>	Voluntary Cleanup Program Properties
<b>INDIAN UST</b>	Underground Storage Tanks on Indian Land
<b>INDIAN LUST</b>	Leaking Underground Storage Tanks on Indian Land
<b>CA FID UST</b>	Facility Inventory Database
<b>HIST UST</b>	Hazardous Substance Storage Container Database

### FEDERAL ASTM SUPPLEMENTAL

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

### STATE OR LOCAL ASTM SUPPLEMENTAL

<b>AST</b>	Aboveground Petroleum Storage Tank Facilities
<b>CLEANERS</b>	Cleaner Facilities
<b>CA WDS</b>	Waste Discharge System
<b>DEED</b>	Deed Restriction Listing
<b>SCH</b>	School Property Evaluation Program
<b>REF</b>	Unconfirmed Properties Referred to Another Agency
<b>WIP</b>	Well Investigation Program Case List
<b>NFA</b>	No Further Action Determination
<b>NFE</b>	Properties Needing Further Evaluation
<b>CA SLIC</b>	Statewide SLIC Cases
<b>VENTURA CO. BWT</b>	Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
<b>HAZNET</b>	Facility and Manifest Data

### BROWNFIELDS DATABASES

<b>US BROWNFIELDS</b>	A Listing of Brownfields Sites
-----------------------	--------------------------------

## EXECUTIVE SUMMARY

**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 identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

### STATE ASTM STANDARD

**CHMIRS:** The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2003 has revealed that there are 3 CHMIRS sites within approximately 1.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	INTERSECTION OF ROYAL A	1 - 2 N 2		6
Not reported	2360 BRYSON	1 - 2 WNW B5		12
Not reported	2362 TORRANCE AVE	1 - 2 WNW B6		14

**CORTESE:** This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 3 Cortese sites within approximately 1.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>MOBIL OIL SS #11- 1Y</i></b>	<b><i>1220 SYCAMORE DR</i></b>	<b><i>1 - 2 NW A3</i></b>		<b><i>8</i></b>
<b><i>MOBIL OIL S/S #11- 1Y</i></b>	<b><i>1220 SYCAMORE DR</i></b>	<b><i>1 - 2 NW A4</i></b>		<b><i>11</i></b>
<b><i>SIMI UNIFIED SCHOOL BUS G</i></b>	<b><i>1725 DEODORA</i></b>	<b><i>1 - 2 NNW C7</i></b>		<b><i>15</i></b>

## EXECUTIVE SUMMARY

**LUST:** The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 05/12/2005 has revealed that there are 5 LUST sites within approximately 1.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>MOBIL OIL SS #11- 1Y</i>	<i>1220 SYCAMORE DR</i>	<i>1 - 2 NW</i>	<i>A3</i>	<i>8</i>
<i>MOBIL OIL S/S #11- 1Y</i>	<i>1220 SYCAMORE DR</i>	<i>1 - 2 NW</i>	<i>A4</i>	<i>11</i>
<i>SIMI UNIFIED SCHOOL BUS G</i>	<i>1725 DEODORA</i>	<i>1 - 2 NNW</i>	<i>C7</i>	<i>15</i>
<i>SIMI VALLEY USD</i>	<i>1725 DEODORA</i>	<i>1 - 2 NNW</i>	<i>C8</i>	<i>22</i>
<i>TRANSPORTATION FACILITY</i>	<i>1725 DEODORA ST</i>	<i>1 - 2 NNW</i>	<i>C9</i>	<i>23</i>

### STATE OR LOCAL ASTM SUPPLEMENTAL

**Emissions Inventory Data:** Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the EMI list, as provided by EDR, and dated 12/31/2002 has revealed that there are 2 EMI sites within approximately 1.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN PACIFIC MILLING CO.	3000 ROYAL AVENUE	1 - 2 NNW	1	6
FAIRCHILD XINCOM	1800 TAPO CANYON ROAD	1 - 2 NE	10	26

### EDR PROPRIETARY HISTORICAL DATABASES

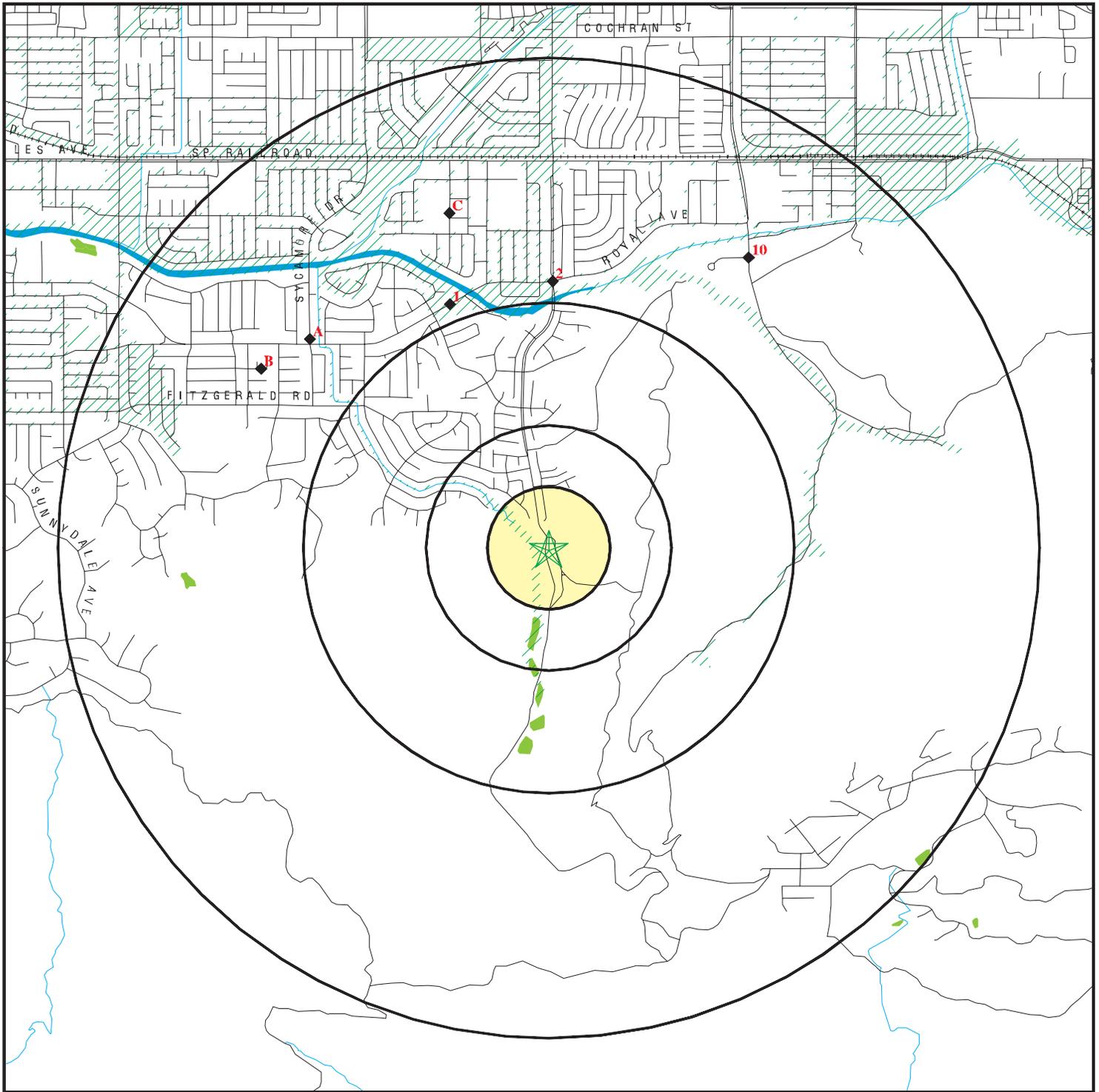
See the EDR Proprietary Historical Database Section for details

## EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
THE BOEING COMPANY - SSFL NASA	PADS, CERCLIS, FINDS, RCRA-LQG, RCRA-TSDF, CORRACTS, CERC-NFRAP
BOEING CO SSFL ETEC AREA I V	RCRA-SQG, RCRA-TSDF, CORRACTS
THE BOEING COMPANY - SSFL RMHF	CERCLIS, RCRA-LQG, RCRA-TSDF, CORRACTS
MARUFU I/BIG SKY, LTD.	Cortese, VCP
ROCKWELL INTL CORP - SSFL I	CERC-NFRAP
TIERRA REJADA DSPL SITE	CERC-NFRAP
SIMI VALLEY ROYAL AVE. 1962	SWF/LF
SIMI VALLEY ROYAL AVE. 1962	SWF/LF
TIERRA REJADA LANDFILL	SWF/LF
TIERRA REJADA LANDFILL	SWF/LF
FORMER S P MINING CO SITE	HAZNET
CITY OF SIMI VALLEY	HAZNET
SIMI VALLEY UNIFIED SCHL DIST	HAZNET
CALIF DEPT OF TRANSPORTATION	FINDS, RCRA-LQG
CANYON ROCK SAND AND GRAVEL	FINDS
TAPO ENERGY TAPO CANYON LEASE	FINDS, EMI
BOEING N. AMERICAN-ROCKETDYNE	EMI
CANYON ROCK, SAND & GRAVEL	EMI

# OVERVIEW MAP - 1451501.2s - Geocon Geotechnical & Env



- ★ 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

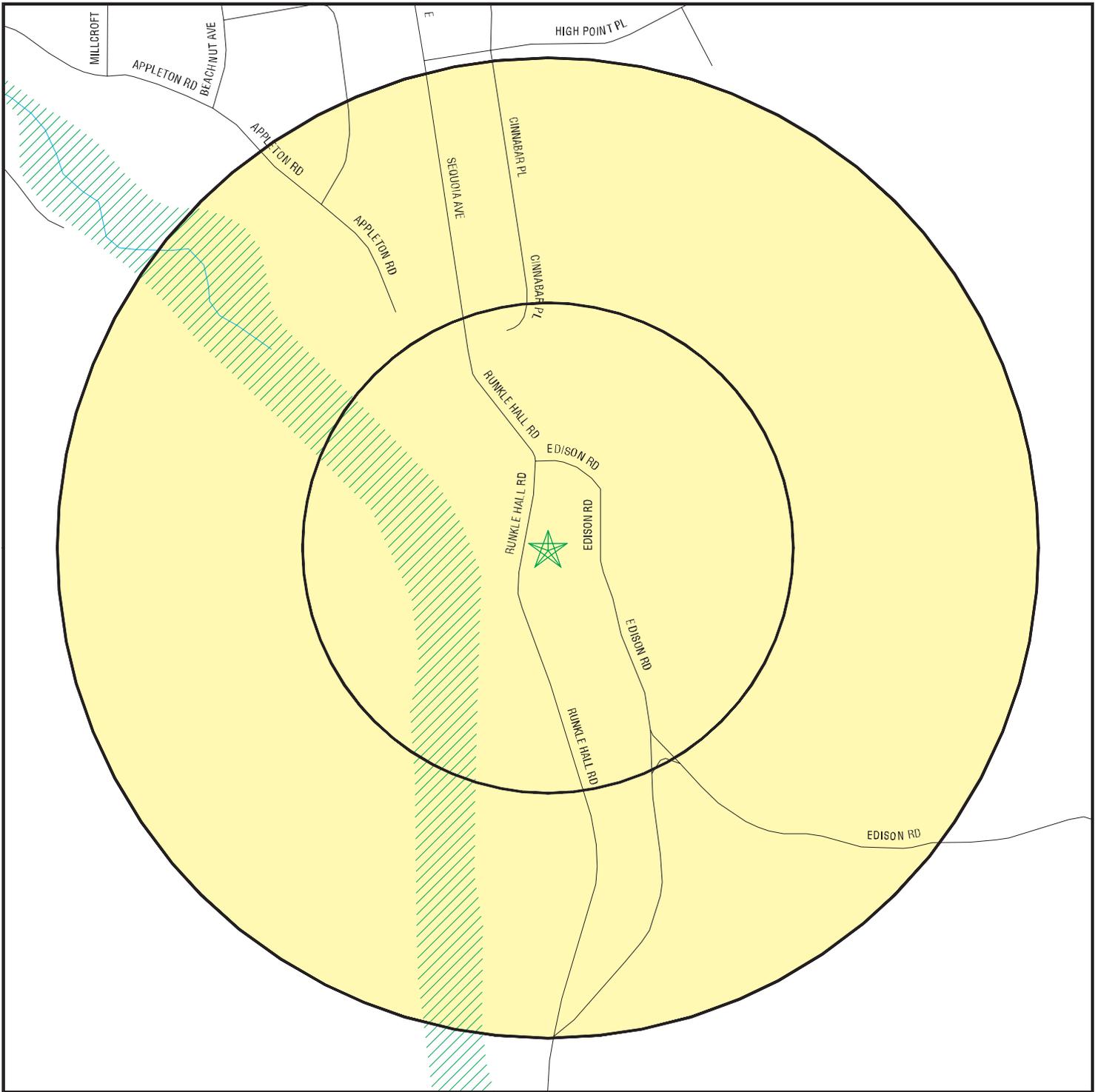
- Indian Reservations BIA
- ▲ Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- Areas of Concern



TARGET PROPERTY: Runkle Canyon  
 ADDRESS: Runkle Canyon  
 CITY/STATE/ZIP: Simi Valley CA 93063  
 LAT/LONG: 34.2488 / 118.7308

CUSTOMER: Geocon Geotechnical & Env  
 CONTACT: Mike Conkle  
 INQUIRY #: 1451501.2s  
 DATE: June 22, 2005 7:29 pm

# DETAIL MAP - 1451501.2s - Geocon Geotechnical & Env



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- Ⓜ Historical Gas Stations / Historical Dry Cleaners  
See the EDR Proprietary Historical Map Findings
- Ⓜ Sensitive Receptors
- Ⓜ National Priority List Sites
- Ⓜ Landfill Sites
- Ⓜ Dept. Defense Sites



- Ⓜ Indian Reservations BIA
- Ⓜ Oil & Gas pipelines
- Ⓜ 100-year flood zone
- Ⓜ 500-year flood zone
- Ⓜ Areas of Concern



**TARGET PROPERTY:** Runkle Canyon  
**ADDRESS:** Runkle Canyon  
**CITY/STATE/ZIP:** Simi Valley CA 93063  
**LAT/LONG:** 34.2488 / 118.7308

**CUSTOMER:** Geocon Geotechnical & Env  
**CONTACT:** Mike Conkle  
**INQUIRY #:** 1451501.2s  
**DATE:** June 22, 2005 7:29 pm

## 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
<b><u>FEDERAL ASTM STANDARD</u></b>								
NPL		1.500	0	0	0	0	0	0
Proposed NPL		1.500	0	0	0	0	0	0
CERCLIS		1.500	0	0	0	0	0	0
CERC-NFRAP		1.500	0	0	0	0	0	0
CORRACTS		1.500	0	0	0	0	0	0
RCRA TSD		1.500	0	0	0	0	0	0
RCRA Lg. Quan. Gen.		0.750	0	0	0	0	NR	0
RCRA Sm. Quan. Gen.		0.750	0	0	0	0	NR	0
ERNS		0.500	0	0	0	NR	NR	0
<b><u>STATE ASTM STANDARD</u></b>								
AWP		1.500	0	0	0	0	0	0
Cal-Sites		1.500	0	0	0	0	0	0
CHMIRS		1.500	0	0	0	0	3	3
Cortese		1.500	0	0	0	0	3	3
Notify 65		1.500	0	0	0	0	0	0
Toxic Pits		1.500	0	0	0	0	0	0
State Landfill		1.500	0	0	0	0	0	0
WMUDS/SWAT		1.500	0	0	0	0	0	0
LUST		1.500	0	0	0	0	5	5
CA Bond Exp. Plan		1.500	0	0	0	0	0	0
UST		0.750	0	0	0	0	NR	0
VCP		1.500	0	0	0	0	0	0
INDIAN UST		0.750	0	0	0	0	NR	0
INDIAN LUST		1.000	0	0	0	0	NR	0
CA FID UST		0.750	0	0	0	0	NR	0
HIST UST		0.750	0	0	0	0	NR	0
<b><u>FEDERAL ASTM SUPPLEMENTAL</u></b>								
CONSENT		1.500	0	0	0	0	0	0
ROD		1.500	0	0	0	0	0	0
Delisted NPL		1.500	0	0	0	0	0	0
FINDS		0.500	0	0	0	NR	NR	0
HMIRS		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		0.500	0	0	0	NR	NR	0
PADS		0.500	0	0	0	NR	NR	0
UMTRA		1.000	0	0	0	0	NR	0
US ENG CONTROLS		1.000	0	0	0	0	NR	0
ODI		1.500	0	0	0	0	0	0
FUDS		1.500	0	0	0	0	0	0
DOD		1.500	0	0	0	0	0	0
INDIAN RESERV		1.500	0	0	0	0	0	0
RAATS		0.500	0	0	0	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		0.500	0	0	0	NR	NR	0
TSCA		0.500	0	0	0	NR	NR	0
SSTS		0.500	0	0	0	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE OR LOCAL ASTM SUPPLEMENTAL</u></b>								
AST		0.500	0	0	0	NR	NR	0
CLEANERS		0.750	0	0	0	0	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		1.000	0	0	0	0	NR	0
SCH		0.750	0	0	0	0	NR	0
REF		0.750	0	0	0	0	NR	0
WIP		0.750	0	0	0	0	NR	0
EMI		1.500	0	0	0	0	2	2
NFA		0.750	0	0	0	0	NR	0
NFE		0.750	0	0	0	0	NR	0
SLIC		1.000	0	0	0	0	NR	0
Ventura Co. BWT		0.500	0	0	0	NR	NR	0
HAZNET		0.500	0	0	0	NR	NR	0
<b><u>EDR PROPRIETARY HISTORICAL DATABASES</u></b>								
Gas Stations/Dry Cleaners		0.250	0	0	NR	NR	NR	0
Coal Gas		1.500	0	0	0	0	0	0
<b><u>BROWNFIELDS DATABASES</u></b>								
US BROWNFIELDS		1.000	0	0	0	0	NR	0
US INST CONTROL		1.000	0	0	0	0	NR	0
VCP		1.500	0	0	0	0	0	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**  
**NNW**  
**> 1**  
**5667 ft.**

**SOUTHERN PACIFIC MILLING CO.**  
**3000 ROYAL AVENUE**  
**SIMI VALLEY, CA 93065**

**EMI S106839790**  
**N/A**

**Relative:**  
**Lower**

**EMISSIONS :**

Year : 1987  
 Facility ID : 96  
 Air District Code : VEN  
 SIC Code : 2951  
 Air Basin : SCC  
 Air District Name : VENTURA COUNTY APCD  
 Community Health Air Pollution Info System : Not reported  
 Consolidated Emission Reporting Rule : Not reported  
 County Code : 56  
 County ID : 56  
 Total Organic Hydrocarbon Gases Tons/Yr: 0  
 Reactive Organic Gases Tons/Yr: 0  
 Carbon Monoxide Emissions Tons/Yr: 0.10000000  
 NOX - Oxides of Nitrogen Tons/Yr: 0.80000000  
 SOX - Oxides of Sulphur Tons/Yr: 0  
 Particulate Matter Tons/Yr : 1.70000000  
 Part. Matter 10 Micrometers and Smaller Tons/Yr : 0.68000000

**Actual:**  
**888 ft.**

Year : 1987  
 Facility ID : 282  
 Air District Code : VEN  
 SIC Code : 1442  
 Air Basin : SCC  
 Air District Name : VENTURA COUNTY APCD  
 Community Health Air Pollution Info System : Not reported  
 Consolidated Emission Reporting Rule : Not reported  
 County Code : 56  
 County ID : 56  
 Total Organic Hydrocarbon Gases Tons/Yr: 0  
 Reactive Organic Gases Tons/Yr: 0  
 Carbon Monoxide Emissions Tons/Yr: 0  
 NOX - Oxides of Nitrogen Tons/Yr: 0  
 SOX - Oxides of Sulphur Tons/Yr: 0  
 Particulate Matter Tons/Yr : 15  
 Part. Matter 10 Micrometers and Smaller Tons/Yr : 13.80000000

**2**  
**North**  
**> 1**  
**5745 ft.**

**INTERSECTION OF ROYAL AVE. / SEQUOIA AVE.**  
**SIMI VALLEY, CA**

**CHMIRS S105673377**  
**N/A**

**Relative:**  
**Lower**

**CHMIRS:**

OES Control Number: 01-3984  
 Chemical Name: Raw Sewage;;;  
 Extent of Release: Not reported  
 Property Use: Not reported  
 Incident Date: Not reported  
 Date Completed: Not reported  
 Time Completed : Not reported  
 Agency Id Number : Not reported  
 Agency Incident Number : Not reported  
 OES Incident Number : 01-3984  
 Time Notified : Not reported  
 Surrounding Area : Not reported  
 Estimated Temperature : Not reported

**Actual:**  
**908 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

(Continued)

S105673377

Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	Not reported
Responding Agency Personel # Of Fatalities :	0
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	No
Waterway :	Not reported
Spill Site :	Road
Cleanup By :	Reporting Party
Containment :	Yes
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	7/11/200108:23:55 AM
Evacuations :	0
True date :	12/31/03
Year :	2001
Agency :	City of Simi Valley
BBLS :	0
Cups :	0
CUFT :	0
Gallons :	300
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	0
Quarts :	0
Sheen :	0
Tons :	0
Unknown :	0.000000
Description :	Sewage overflowed a manhole, construction debris caused the blockage. The sewage went into a storm drain which leads to the Arroyo Simi River, which is all dried up at this time.
Incident date :	7/11/200112:00:00 AM

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**S105673377**

Admin Agency : Ventura County Resources Mgt Agency  
 OES date : Not reported  
 OES time : Not reported  
 Amount : Not reported

**A3  
 NW  
 > 1  
 6833 ft.**

**MOBIL OIL SS #11- 1Y  
 1220 SYCAMORE DR  
 SIMI VALLEY, CA 93065**

**LUST S103684239  
 Cortese N/A**

**Site 1 of 2 in cluster A**

**Relative:  
 Lower**

**Actual:  
 880 ft.**

State LUST:  
 Cross Street: Not reported  
 Qty Leaked: 0  
 Case Number: C-87130  
 Reg Board: 4  
 Chemical: Waste Oil  
 Lead Agency: Local Agency  
 Local Agency : 56000L  
 Case Type: Other ground water affected  
 Status: Case Closed  
 Review Date: 7/1/1988 0:00  
 Workplan: 4/5/1993 0:00  
 Pollution Char: 6/17/1996 0:00  
 Remed Action: Not reported  
 Monitoring: 12/19/1996 0:00  
 Close Date: 02/03/1997  
 Release Date: 12/03/1987  
 Cleanup Fund Id : Not reported  
 Discover Date : 12/03/1987  
 Enforcement Dt : 12/3/1987 0:00  
 Enf Type: EF  
 Enter Date : Not reported  
 Funding: Federal Funds  
 Staff Initials: DCS  
 How Discovered: Not reported  
 How Stopped: Not reported  
 Interim : Not reported  
 Leak Cause: Not reported  
 Leak Source: Not reported  
 MTBE Date : Not reported  
 Max MTBE GW : Not reported  
 MTBE Tested: Not Required to be Tested.  
 Priority: Not reported  
 Local Case # : 87130  
 Beneficial: Not reported  
 Staff : UNK  
 GW Qualifier : Not reported  
 Max MTBE Soil : Not reported  
 Soil Qualifier : Not reported  
 Hydr Basin #: SIMI VALLEY (4-9)  
 Operator : Not reported  
 Oversight Prgm: LUST  
 Review Date : Not reported  
 Stop Date : / /  
 Work Suspended :Not reported  
 Responsible Party: MOBIL OIL CORP  
 RP Address: Not reported  
 Global Id: T0611100251

Confirm Leak: 7/1/1988 0:00  
 Prelim Assess: 4/5/1993 0:00  
 Remed Plan: 6/17/1996 0:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

**MOBIL OIL SS #11- 1Y (Continued)**

**S103684239**

Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : 50 PPM TPHG GW 10/90, 9/24 QR. 1/2 QR. ACHD REQ WKPLN FOR GW INVESTIGATION IN CONJUNCTION W/ NEIGHBORING SITE-11/98.  
50 PPM TPHG GW 10/90, 9/24 QR. 1/2 QR. ACHD REQ WKPLN FOR GW INVESTIGATION IN CONJUNCTION W/ NEIGHBORING SITE-11/98.

Cross Street: Not reported  
Qty Leaked: 0  
Case Number C-97024  
Reg Board: 4  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 56000L  
Case Type: Soil only  
Status: Case Closed  
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Review Date: 5/14/1997 0:00  
Workplan: 5/15/1997 0:00  
Pollution Char: Not reported  
Remed Action: 5/15/1997 0:00  
Monitoring: Not reported  
Close Date: 09/04/1997  
Release Date: 06/04/1997  
Cleanup Fund Id : Not reported  
Discover Date : 06/04/1997  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : Not reported  
Funding: Federal Funds  
Staff Initials: DCS  
How Discovered: Not reported  
How Stopped: Not reported  
Interim : Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
MTBE Date : Not reported  
Max MTBE GW : Not reported  
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.  
Priority: Not reported  
Local Case # : 97024  
Beneficial: Not reported  
Staff : UNK  
GW Qualifier : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin #: SIMI VALLEY (4-9)  
Operator : Not reported  
Oversight Prgm: LUST

Confirm Leak: 5/14/1997 0:00  
Prelim Assess: 5/15/1997 0:00  
Remed Plan: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**MOBIL OIL SS #11- 1Y (Continued)**

**S103684239**

Review Date : Not reported  
Stop Date : / /  
Work Suspended :Not reported  
Responsible Party:MOBIL OIL CORP  
RP Address: Not reported  
Global Id: T0611101142  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : 50 PPM TPHG GW 10/90, 9/24 QR. 1/2 QR. ACHD REQ WKPLN FOR GW INVESTIGATION IN CONJUNCTION W/ NEIGHBORING SITE-11/98.  
50 PPM TPHG GW 10/90, 9/24 QR. 1/2 QR. ACHD REQ WKPLN FOR GW INVESTIGATION IN CONJUNCTION W/ NEIGHBORING SITE-11/98.

**LUST Region 4:**

Report Date: 12/3/1987  
Lead Agency: Local Agency  
Local Agency: 56000L  
Substance: Waste Oil  
Case Type: Groundwater  
Status: Case Closed  
Region: 4  
Staff: UNK  
Date Case Last Changed on Database: Not reported  
Date Leak Record Entered: Not reported  
Historical Max MTBE Date: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported  
Hist Max MTBE Conc in Soil : Not reported  
County: Ventura  
Organization : Not reported  
Regional Board: 04  
Owner Contact: Not reported  
Responsible Party: MOBIL OIL CORP  
RP Address: Not reported  
Significant Interim Remedial Action Taken: Not reported  
Program : LUST  
Lat / Long : 34.2611833 / -1  
Local Agency Staff: DCS  
Beneficial Use : Not reported  
Priority : Not reported  
Cleanup Fund Id : Not reported  
Suspended : Not reported  
Local Case No : 87130  
Substance Quantity : Not reported  
Abatement Method Used at the Site: Not reported  
Operator : Not reported  
Water System : Not reported  
Well Name : Not reported  
Approx. Dist To Production Well (ft) : 5020.2511806392588109021353871  
Assigned Name : Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**MOBIL OIL SS #11- 1Y (Continued)**

**S103684239**

W Global ID : Not reported  
 Source of Cleanup Funding: Federal Funds  
 Date the Leak was Discovered: 12/3/1987  
 How the Leak was Discovered: Not reported  
 How the Leak was Stopped: Not reported  
 Cause of Leak: Not reported  
 Leak Source: Not reported  
 Date The Leak was Stopped: Not reported  
 Date Confirmation Leak Began: 7/1/1988  
 Preliminary Site Assessment Workplan Submitted: 12/4/1987  
 Preliminary Site Assessment Began: 4/5/1993  
 Pollution Characterization Began: 4/5/1993  
 Remediation Plan Submitted: 6/17/1996  
 Remedial Action Underway: Not reported  
 Post Remedial Action Monitoring Began: 12/19/1996  
 Date the Case was Closed: 2/3/1997  
 Enforcement Action Date: 12/3/1987  
 Date Leak First Reported: 12/3/1987  
 Enforcement Type: EF  
 Global ID : T0611100251  
 Cross Street: Not reported  
 Summary :

LUST Region VN:  
 Facility ID: 87130  
 Status: Case Closed

CORTESE:  
 Region: CORTESE  
 Fac Address 2: 1220 SYCAMORE DR

**A4  
 NW  
 > 1  
 6833 ft.**

**MOBIL OIL S/S #11- 1Y  
 1220 SYCAMORE DR  
 SIMI VALLEY, CA 93065**

**LUST S103684240  
 Cortese N/A**

**Site 2 of 2 in cluster A**

**Relative:  
 Lower**

LUST Region 4:  
 Report Date: 6/4/1997  
 Lead Agency: Local Agency  
 Local Agency: 56000L  
 Substance: Gasoline  
 Case Type: Soil  
 Status: Case Closed  
 Region: 4  
 Staff: UNK

**Actual:  
 880 ft.**

Date Case Last Changed on Database: Not reported  
 Date Leak Record Entered: Not reported  
 Historical Max MTBE Date: Not reported  
 GW Qualifier: Not reported  
 Soil Qualifier: Not reported  
 Hist Max MTBE Conc in Groundwater: Not reported  
 Hist Max MTBE Conc in Soil : Not reported  
 County: Ventura  
 Organization : Not reported  
 Regional Board: 04  
 Owner Contact: Not reported  
 Responsible Party: MOBIL OIL CORP  
 RP Address: Not reported  
 Significant Interim Remedial Action Taken: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**MOBIL OIL S/S #11- 1Y (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S103684240**

Program :	LUST
Lat / Long :	34.2611373 / -1
Local Agency Staff:	DCS
Beneficial Use :	Not reported
Priority :	Not reported
Cleanup Fund Id :	Not reported
Suspended :	Not reported
Local Case No :	97024
Substance Quantity :	Not reported
Abatement Method Used at the Site:	Excavate and Dispose
Operator :	Not reported
Water System :	Not reported
Well Name :	Not reported
Approx. Dist To Production Well (ft) :	5030.4630547871448125460659859
Assigned Name :	Not reported
W Global ID :	Not reported
Source of Cleanup Funding:	Federal Funds
Date the Leak was Discovered:	6/4/1997
How the Leak was Discovered:	Not reported
How the Leak was Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Date The Leak was Stopped:	Not reported
Date Confirmation Leak Began:	5/14/1997
Preliminary Site Assessment Workplan Submitted:	5/14/1997
Preliminary Site Assessment Began:	5/15/1997
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	5/15/1997
Post Remedial Action Monitoring Began:	Not reported
Date the Case was Closed:	9/4/1997
Enforcement Action Date:	Not reported
Date Leak First Reported:	6/4/1997
Enforcement Type:	Not reported
Global ID :	T0611101142
Cross Street:	Not reported
Summary :	

LUST Region VN:  
 Facility ID: 97024  
 Status: Case Closed

CORTESE:  
 Region: CORTESE  
 Fac Address 2: 1220 SYCAMORE DR

**B5  
 WNW  
 > 1  
 7196 ft.**

**2360 BRYSON  
 SIMI VALLEY, CA 91770**

**CHMIRS S106400884  
 N/A**

**Site 1 of 2 in cluster B**

**Relative:  
 Lower**

CHMIRS:	
OES Control Number:	03-3739
Chemical Name:	Unk. PCB Mineral Oil
Extent of Release:	Not reported
Property Use:	Not reported
Incident Date:	Not reported
Date Completed:	Not reported
Time Completed :	Not reported

**Actual:  
 869 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**(Continued)**

**S106400884**

Agency Id Number :	Not reported
Agency Incident Number :	Not reported
OES Incident Number :	03-3739
Time Notified :	Not reported
Surrounding Area :	Not reported
Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	Not reported
Responding Agency Personel # Of Fatalities :	0
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	No
Waterway :	Not reported
Spill Site :	Road
Cleanup By :	Reporting Party
Containment :	Yes
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	7/25/200303:43:34 PM
Evacuations :	0
True date :	12/31/03
Year :	2003
Agency :	So. CA Edison
BBLs :	0
Cups :	0
CUFT :	0
Gallons :	2-3
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	0
Quarts :	0
Sheen :	0

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**S106400884**

Tons : 0  
 Unknown : 0  
 Description : Pad mount transformer started leaking for unknown reasons.  
 Incident date : 7/25/200312:00:00 AM  
 Admin Agency : Ventura County Resources Mgt Agency  
 OES date : Not reported  
 OES time : Not reported  
 Amount : Not reported

**B6  
 WNW  
 > 1  
 7295 ft.**

**2362 TORRANCE AVE  
 SIMI VALLEY, CA 91770**

**CHMIRS S105884258  
 N/A**

**Site 2 of 2 in cluster B**

**Relative:  
 Lower**

CHMIRS:

**Actual:  
 871 ft.**

OES Control Number: 02-2792  
 Chemical Name: Mineral Oil  
 Extent of Release: Not reported  
 Property Use: Not reported  
 Incident Date: Not reported  
 Date Completed: Not reported  
 Time Completed : Not reported  
 Agency Id Number : Not reported  
 Agency Incident Number : Not reported  
 OES Incident Number : 02-2792  
 Time Notified : Not reported  
 Surrounding Area : Not reported  
 Estimated Temperature : Not reported  
 Property Management : Not reported  
 More Than Two Substances Involved? : Not reported  
 Special Studies 1 : Not reported  
 Special Studies 2 : Not reported  
 Special Studies 3 : Not reported  
 Special Studies 4 : Not reported  
 Special Studies 5 : Not reported  
 Special Studies 6 : Not reported  
 Responding Agency Personel # Of Injuries : Not reported  
 Responding Agency Personel # Of Fatalities : 0  
 Resp Agncy Personel # Of Decontaminated : Not reported  
 Others Number Of Decontaminated : Not reported  
 Others Number Of Injuries : Not reported  
 Others Number Of Fatalities : Not reported  
 Vehicle Make/year : Not reported  
 Vehicle License Number : Not reported  
 Vehicle State : Not reported  
 Vehicle Id Number : Not reported  
 CA/DOT/PUC/ICC Number : Not reported  
 Company Name : Not reported  
 Reporting Officer Name/ID : Not reported  
 Report Date : Not reported  
 Comments : Not reported  
 Facility Telephone Number : Not reported  
 Waterway Involved : No  
 Waterway : Not reported  
 Spill Site : Residence  
 Cleanup By : Reporting Party  
 Containment : Yes  
 What Happened : Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**(Continued)**

**S105884258**

Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	5/24/200207:13:48 PM
Evacuations :	0
True date :	12/31/03
Year :	2002
Agency :	So. Cal. Edison
BBLS :	0
Cups :	0
CUFT :	0
Gallons :	25
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	0
Quarts :	0
Sheen :	0
Tons :	0
Unknown :	0
Description :	Transformer was on a pad mount and had equipment failure.
Incident date :	5/24/200212:00:00 AM
Admin Agency :	Ventura County Resources Mgt Agency
OES date :	Not reported
OES time :	Not reported
Amount :	Not reported

**C7  
 NNW  
 > 1  
 7522 ft.**

**SIMI UNIFIED SCHOOL BUS G  
 1725 DEODORA  
 SIMI VALLEY, CA**

**HAZNET S101699672  
 LUST N/A  
 Cortese  
 CA WDS**

**Site 1 of 3 in cluster C**

**Relative:  
 Lower**

State LUST:

**Actual:  
 911 ft.**

Cross Street:	Not reported		
Qty Leaked:	0		
Case Number	C-88200		
Reg Board:	4		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	56000L		
Case Type:	Soil only		
Status:	Case Closed		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	12/28/1988 0:00	Confirm Leak:	12/28/1988 0:00
Workplan:	4/14/1989 0:00	Prelim Assess:	4/14/1989 0:00
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	04/14/1989		
Release Date:	12/30/1988		
Cleanup Fund Id :	Not reported		
Discover Date :	12/30/1988		
Enforcement Dt :	12/30/1988 0:00		
Enf Type:	CLOS		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**SIMI UNIFIED SCHOOL BUS G (Continued)**

**S101699672**

Enter Date : Not reported  
Funding: Federal Funds  
Staff Initials: EHD  
How Discovered: Not reported  
How Stopped: Not reported  
Interim : Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
MTBE Date : Not reported  
Max MTBE GW : Not reported  
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.  
Priority: Not reported  
Local Case # : 88200  
Beneficial: Not reported  
Staff : UNK  
GW Qualifier : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin #: SIMI VALLEY (4-9)  
Operator : Not reported  
Oversight Prgm: LUST  
Review Date : Not reported  
Stop Date : / /  
Work Suspended :Not reported  
Responsible Party:SIMI VALLEY SCHOOL DISTRICT.  
RP Address: Not reported  
Global Id: T0611100423  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : 50 PPM TPHG GW 10/90, 9/24 QR. 1/2 QR. ACHD REQ WKPLN FOR GW INVESTIGATION IN CONJUNCTION W/ NEIGHBORING SITE-11/98.  
50 PPM TPHG GW 10/90, 9/24 QR. 1/2 QR. ACHD REQ WKPLN FOR GW INVESTIGATION IN CONJUNCTION W/ NEIGHBORING SITE-11/98.  
  
Cross Street: Not reported  
Qty Leaked: 0  
Case Number C-89104  
Reg Board: 4  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 56000L  
Case Type: Soil only  
Status: Case Closed  
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)  
  
Review Date: 8/2/1989 0:00 Confirm Leak: 8/2/1989 0:00  
Workplan: 9/6/1990 0:00 Prelim Assess: 9/6/1990 0:00  
Pollution Char: 9/6/1990 0:00 Remed Plan: 9/6/1990 0:00  
Remed Action: 3/19/1992 0:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**SIMI UNIFIED SCHOOL BUS G (Continued)**

**S101699672**

Monitoring: Not reported  
Close Date: 03/19/1992  
Release Date: 08/02/1989  
Cleanup Fund Id : Not reported  
Discover Date : 08/02/1989  
Enforcement Dt : 8/10/1989 0:00  
Enf Type: EF  
Enter Date : Not reported  
Funding: Federal Funds  
Staff Initials: EHD  
How Discovered: Not reported  
How Stopped: Not reported  
Interim : Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
MTBE Date : Not reported  
Max MTBE GW : Not reported  
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.  
Priority: Not reported  
Local Case # : 89104  
Beneficial: Not reported  
Staff : UNK  
GW Qualifier : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin #: SIMI VALLEY (4-9)  
Operator : Not reported  
Oversight Prgm: LUST  
Review Date : Not reported  
Stop Date : / /  
Work Suspended :Not reported  
Responsible Party:SIMI SCHOOL DISTRICT  
RP Address: Not reported  
Global Id: T0611100512  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 1  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : 50 PPM TPHG GW 10/90, 9/24 QR. 1/2 QR. ACHD REQ WKPLN FOR GW  
INVESTIGATION IN CONJUNCTION W/ NEIGHBORING SITE-11/98.  
50 PPM TPHG GW 10/90, 9/24 QR. 1/2 QR. ACHD REQ WKPLN FOR GW  
INVESTIGATION IN CONJUNCTION W/ NEIGHBORING SITE-11/98.  
  
LUST Region 4:  
Report Date: 12/30/1988  
Lead Agency: Local Agency  
Local Agency: 56000L  
Substance: Gasoline  
Case Type: Soil  
Status: Case Closed  
Region: 4  
Staff: UNK  
Date Case Last Changed on Database: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SIMI UNIFIED SCHOOL BUS G (Continued)**

**S101699672**

Date Leak Record Entered:	Not reported
Historical Max MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil :	Not reported
County:	Ventura
Organization :	Not reported
Regional Board:	04
Owner Contact:	Not reported
Responsible Party:	SIMI VALLEY SCHOOL DISTRICT.
RP Address:	Not reported
Significant Interim Remedial Action Taken:	Not reported
Program :	LUST
Lat / Long :	34.2686059 / -1
Local Agency Staff:	EHD
Beneficial Use :	Not reported
Priority :	Not reported
Cleanup Fund Id :	Not reported
Suspended :	Not reported
Local Case No :	88200
Substance Quantity :	Not reported
Abatement Method Used at the Site:	Excavate and Dispose
Operator :	Not reported
Water System :	Not reported
Well Name :	Not reported
Approx. Dist To Production Well (ft) :	2894.1795983355809653546756721
Assigned Name :	Not reported
W Global ID :	Not reported
Source of Cleanup Funding:	Federal Funds
Date the Leak was Discovered:	12/30/1988
How the Leak was Discovered:	Not reported
How the Leak was Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Date The Leak was Stopped:	Not reported
Date Confirmation Leak Began:	12/28/1988
Preliminary Site Assessment Workplan Submitted:	12/28/1988
Preliminary Site Assessment Began:	4/14/1989
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Date the Case was Closed:	4/14/1989
Enforcement Action Date:	12/30/1988
Date Leak First Reported:	12/30/1988
Enforcement Type:	EF
Global ID :	T0611100423
Cross Street:	Not reported
Summary :	
Report Date:	8/2/1989
Lead Agency:	Local Agency
Local Agency:	56000L
Substance:	Gasoline
Case Type:	Soil
Status:	Case Closed

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**SIMI UNIFIED SCHOOL BUS G (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S101699672**

Region:	4
Staff:	UNK
Date Case Last Changed on Database:	Not reported
Date Leak Record Entered:	Not reported
Historical Max MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil :	Not reported
County:	Ventura
Organization :	Not reported
Regional Board:	04
Owner Contact:	Not reported
Responsible Party:	SIMI SCHOOL DISTRICT
RP Address:	Not reported
Significant Interim Remedial Action Taken:	Not reported
Program :	LUST
Lat / Long :	34.2686059 / -1
Local Agency Staff:	EHD
Beneficial Use :	Not reported
Priority :	Not reported
Cleanup Fund Id :	Not reported
Suspended :	Not reported
Local Case No :	89104
Substance Quantity :	Not reported
Abatement Method Used at the Site:	ETED
Operator :	Not reported
Water System :	Not reported
Well Name :	Not reported
Approx. Dist To Production Well (ft) :	2894.1795983355809653546756721
Assigned Name :	Not reported
W Global ID :	Not reported
Source of Cleanup Funding:	Federal Funds
Date the Leak was Discovered:	8/2/1989
How the Leak was Discovered:	Not reported
How the Leak was Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Date The Leak was Stopped:	Not reported
Date Confirmation Leak Began:	8/2/1989
Preliminary Site Assessment Workplan Submitted:	8/2/1989
Preliminary Site Assessment Began:	9/6/1990
Pollution Characterization Began:	9/6/1990
Remediation Plan Submitted:	9/6/1990
Remedial Action Underway:	3/19/1992
Post Remedial Action Monitoring Began:	Not reported
Date the Case was Closed:	3/19/1992
Enforcement Action Date:	8/10/1989
Date Leak First Reported:	8/2/1989
Enforcement Type:	EF
Global ID :	T0611100512
Cross Street:	Not reported
Summary :	
LUST Region VN:	
Facility ID:	89104
Status:	Case Closed

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**SIMI UNIFIED SCHOOL BUS G (Continued)**

**S101699672**

Facility ID: 88200  
Status: Case Closed

HAZNET:  
Gepaid: CAL000026227  
TSD EPA ID: CAT080013352  
Gen County: Ventura  
Tsd County: Los Angeles  
Tons: .2502  
Waste Category: Unspecified aqueous solution  
Disposal Method: Not reported  
Contact: SIMI VALLEY SCHOOLS  
Telephone: (000) 000-0000  
Mailing Address: 875 COCHRAN ST STE E  
SIMI VALLEY, CA 93065 - 1934  
County: Ventura

Gepaid: CAL000026227  
TSD EPA ID: CAT080013352  
Gen County: Ventura  
Tsd County: Los Angeles  
Tons: .2919  
Waste Category: Unspecified aqueous solution  
Disposal Method: Recycler  
Contact: SIMI VALLEY SCHOOLS  
Telephone: (000) 000-0000  
Mailing Address: 875 COCHRAN ST STE E  
SIMI VALLEY, CA 93065 - 1934  
County: Ventura

Gepaid: CAL000026227  
TSD EPA ID: CAT080013352  
Gen County: Ventura  
Tsd County: Los Angeles  
Tons: .4587  
Waste Category: Unspecified oil-containing waste  
Disposal Method: Recycler  
Contact: SIMI VALLEY SCHOOLS  
Telephone: (000) 000-0000  
Mailing Address: 875 COCHRAN ST STE E  
SIMI VALLEY, CA 93065 - 1934  
County: Ventura

Gepaid: CAL000026227  
TSD EPA ID: CAT080013352  
Gen County: Ventura  
Tsd County: Los Angeles  
Tons: 1.6263  
Waste Category: Unspecified oil-containing waste  
Disposal Method: Recycler  
Contact: SIMI VALLEY SCHOOLS  
Telephone: (000) 000-0000  
Mailing Address: 875 COCHRAN ST STE E  
SIMI VALLEY, CA 93065 - 1934  
County: Ventura

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**SIMI UNIFIED SCHOOL BUS G (Continued)**

**S101699672**

Gepaid: CAL000026227  
TSD EPA ID: CAT080013352  
Gen County: Ventura  
Tsd County: Los Angeles  
Tons: 0.8757  
Waste Category: Unspecified oil-containing waste  
Disposal Method: Recycler  
Contact: SIMI VALLEY SCHOOLS  
Telephone: (000) 000-0000  
Mailing Address: 875 COCHRAN ST STE E  
SIMI VALLEY, CA 93065 - 1934  
County: Ventura

[Click this hyperlink](#) while viewing on your computer to access  
1 additional CA HAZNET record(s) in the EDR Site Report.

**CORTESE:**

Region: CORTESE  
Fac Address 2: Not reported

Region: CORTESE  
Fac Address 2: Not reported

**WDS:**

Facility ID: 4 561004257  
Facility Contact: JOHN BURNSDIRECTOR OF TRANSP Facility Telephone: (805) 520-6656  
SIC Code: 0 SIC Code 2: Not reported  
Agency Name: SIMI VALLEY SCH DIST  
Agency Address: 875 Cochran St  
Simi Valley 93065 - 1934  
Agency Contact: LOWELL SCHULTZE Agency Phone: (805) 520-6656  
Design Flow: Not reported Baseline Flow: Not reported  
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
Agency Type: County  
Waste Type: Not reported  
Threat to Water: Not reported  
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.  
Reclamation: Not reported  
POTW: Not reported  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**C8**  
**NNW**  
**> 1**  
**7522 ft.**

**SIMI VALLEY USD**  
**1725 DEODORA**  
**SIMI VALLEY, CA 93065**  
**Site 2 of 3 in cluster C**

**RCRA-SQG**  
**FINDS**  
**LUST**  
**UST**  
**VENTURA CO. BWT**  
**HIST UST**

**Relative:**  
**Lower**

**Actual:**  
**911 ft.**

RCRAInfo:  
 Owner: SIMI VALLEY USD  
 (415) 555-1212  
 EPA ID: CAD982044786  
 Contact: ENVIRONMENTAL MANAGER  
 (805) 526-8434  
 Classification: Small Quantity Generator  
 TSD Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
 RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

**LUST Region VN:**

Facility ID: 03044  
 Status: Case Closed

**BWT:**

Facility ID: FA0005041  
 Region: VENTURA  
 Program: 4220 - BUSINESS PLAN  
  
 Facility ID: FA0005041  
 Region: VENTURA  
 Program: 4420 - HAZARDOUS WASTE GENERATOR  
  
 Facility ID: FA0005041  
 Region: VENTURA  
 Program: 4105 - CUPA UNDERGROUND TANKS

**UST HIST:**

Facility ID: 30546	Owner Name: SIMI VALLEY UNIFIED SCHOOL DIS
Total Tanks: 4	Region: STATE
Owner Address: 875 E. COCHRAN STREET SIMI VALLEY, CA 93065	
Tank Used for: PRODUCT	
Tank Num: 1	Container Num: 1
Tank Capacity: 00001000	Year Installed: Not reported
Type of Fuel: UNLEADED	Tank Construction: Not Reported
Leak Detection: None	
Contact Name: F. SMITH	Telephone: (805) 526-8429
Facility Type: Other	Other Type: SCHOOL
Facility ID: 30546	Owner Name: SIMI VALLEY UNIFIED SCHOOL DIS
Total Tanks: 4	Region: STATE
Owner Address: 875 E. COCHRAN STREET SIMI VALLEY, CA 93065	
Tank Used for: PRODUCT	
Tank Num: 2	Container Num: 2
Tank Capacity: 00010000	Year Installed: Not reported
Type of Fuel: PREMIUM	Tank Construction: Not Reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**SIMI VALLEY USD (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000245090**

Leak Detection:	None	Telephone:	(805) 526-8429
Contact Name:	F. SMITH	Other Type:	SCHOOL
Facility Type:	Other		
Facility ID:	30546	Owner Name:	SIMI VALLEY UNIFIED SCHOOL DIS
Total Tanks:	4	Region:	STATE
Owner Address:	875 E. COCHRAN STREET SIMI VALLEY, CA 93065		
Tank Used for:	PRODUCT	Container Num:	3
Tank Num:	3	Year Installed:	Not reported
Tank Capacity:	00004000	Tank Construction:	Not Reported
Type of Fuel:	REGULAR		
Leak Detection:	None	Telephone:	(805) 526-8429
Contact Name:	F. SMITH	Other Type:	SCHOOL
Facility Type:	Other		
Facility ID:	30546	Owner Name:	SIMI VALLEY UNIFIED SCHOOL DIS
Total Tanks:	4	Region:	STATE
Owner Address:	875 E. COCHRAN STREET SIMI VALLEY, CA 93065		
Tank Used for:	PRODUCT	Container Num:	4
Tank Num:	4	Year Installed:	Not reported
Tank Capacity:	00010000	Tank Construction:	Not Reported
Type of Fuel:	DIESEL		
Leak Detection:	None	Telephone:	(805) 526-8429
Contact Name:	F. SMITH	Other Type:	SCHOOL
Facility Type:	Other		
State UST:			
Facility ID:	056-000-001125		
Total Tanks:	1		
Region:	STATE		
Local Agency:	56000		

**C9  
 NNW  
 > 1  
 7522 ft.**

**TRANSPORTATION FACILITY  
 1725 DEODORA ST  
 SIMI VALLEY, CA 93065**

**LUST S101596350  
 CA FID UST N/A**

**Site 3 of 3 in cluster C**

**Relative:  
 Lower**

State LUST:  
 Cross Street: SCHOOL ST  
 Qty Leaked: 0  
 Case Number: C03044  
 Reg Board: 4  
 Chemical: Diesel  
 Lead Agency: Local Agency  
 Local Agency : 56000L  
 Case Type: Undefined  
 Status: Case Closed  
 Review Date: 9/16/2003 0:00  
 Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: 10/02/2003  
 Release Date: 09/16/2003  
 Cleanup Fund Id : Not reported  
 Discover Date : 09/10/2003

Confirm Leak: 9/16/2003 0:00  
 Prelim Assess: Not reported  
 Remed Plan: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

TRANSPORTATION FACILITY (Continued)

S101596350

Enforcement Dt : Not reported  
Enf Type: CLOS  
Enter Date : Not reported  
Funding: Not reported  
Staff Initials: DBW  
How Discovered: OM  
How Stopped: New Tank  
Interim : Not reported  
Leak Cause: UNK  
Leak Source: Piping  
MTBE Date : Not reported  
Max MTBE GW : Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case # : 3044  
Beneficial: Not reported  
Staff : UNK  
GW Qualifier : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: LUST  
Review Date : Not reported  
Stop Date : 09/10/2003  
Work Suspended :Not reported  
Responsible Party:JOHN BURNS  
RP Address: 1725 DEODORA ST  
Global Id: T0611154972  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary : 50 PPM TPHG GW 10/90, 9/24 QR. 1/2 QR. ACHD REQ WKPLN FOR GW INVESTIGATION IN CONJUNCTION W/ NEIGHBORING SITE-11/98.

LUST Region 4:

Report Date: 9/16/2003  
Lead Agency: Local Agency  
Local Agency: 56000L  
Substance: Diesel  
Case Type: Undefined  
Status: Case Closed  
Region: 4  
Staff: UNK  
Date Case Last Changed on Database: Not reported  
Date Leak Record Entered: Not reported  
Historical Max MTBE Date: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported  
Hist Max MTBE Conc in Soil : Not reported  
County: Ventura

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**TRANSPORTATION FACILITY (Continued)**

**S101596350**

Organization :	Not reported
Regional Board:	04
Owner Contact:	Not reported
Responsible Party:	JOHN BURNS
RP Address:	1725 DEODORA ST
Significant Interim Remedial Action Taken:	Not reported
Program :	LUST
Lat / Long :	0 / 0
Local Agency Staff:	DBW
Beneficial Use :	Not reported
Priority :	Not reported
Cleanup Fund Id :	Not reported
Suspended :	Not reported
Local Case No :	03044
Substance Quantity :	Not reported
Abatement Method Used at the Site:	Not reported
Operator :	Not reported
Water System :	Not reported
Well Name :	Not reported
Approx. Dist To Production Well (ft) :	Not reported
Assigned Name :	Not reported
W Global ID :	Not reported
Source of Cleanup Funding:	Not reported
Date the Leak was Discovered:	9/10/2003
How the Leak was Discovered:	OM
How the Leak was Stopped:	New Tank
Cause of Leak:	UNK
Leak Source:	Piping
Date The Leak was Stopped:	9/10/2003
Date Confirmation Leak Began:	9/16/2003
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Date the Case was Closed:	10/2/2003
Enforcement Action Date:	Not reported
Date Leak First Reported:	9/16/2003
Enforcement Type:	CLOS
Global ID :	T0611154972
Cross Street:	SCHOOL ST
Summary :	

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**TRANSPORTATION FACILITY (Continued)**

EDR ID Number  
 EPA ID Number

**S101596350**

FID:  
 Facility ID: 56001113 Regulate ID: 30546  
 Reg By: Active Underground Storage Tank Location  
 Cortese Code: Not reported SIC Code: Not reported  
 Status: Active Facility Tel: Not reported  
 Mail To: Not reported  
 1725 DEODORA ST  
 SIMI VALLEY, CA 93065  
 Contact: Not reported Contact Tel: Not reported  
 DUNs No: Not reported NPDES No: Not reported  
 Creation: 10/22/93 Modified: 00/00/00  
 EPA ID: Not reported  
 Comments: Not reported

**10  
 NE  
 > 1  
 7591 ft.**

**FAIRCHILD XINCOM  
 1800 TAPO CANYON ROAD  
 SIMI VALLEY, CA 93063**

**EMI S106830931  
 N/A**

**Relative:  
 Lower**

EMISSIONS :  
 Year : 1987  
 Facility ID : 1211  
 Air District Code : VEN  
 SIC Code : 3629  
 Air Basin : SCC  
 Air District Name : VENTURA COUNTY APCD  
 Community Health Air Pollution Info System : Not reported  
 Consolidated Emission Reporting Rule : Not reported  
 County Code : 56  
 County ID : 56  
 Total Organic Hydrocarbon Gases Tons/Yr: 1  
 Reactive Organic Gases Tons/Yr: 0  
 Carbon Monoxide Emissions Tons/Yr: 0  
 NOX - Oxides of Nitrogen Tons/Yr: 0  
 SOX - Oxides of Sulphur Tons/Yr: 0  
 Particulate Matter Tons/Yr : 0  
 Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

**Actual:  
 965 ft.**

Year : 1988  
 Facility ID : 1211  
 Air District Code : VEN  
 SIC Code : 3629  
 Air Basin : SCC  
 Air District Name : VENTURA COUNTY APCD  
 Community Health Air Pollution Info System : Not reported  
 Consolidated Emission Reporting Rule : Not reported  
 County Code : 56  
 County ID : 56  
 Total Organic Hydrocarbon Gases Tons/Yr: 1  
 Reactive Organic Gases Tons/Yr: 0  
 Carbon Monoxide Emissions Tons/Yr: 0  
 NOX - Oxides of Nitrogen Tons/Yr: 0  
 SOX - Oxides of Sulphur Tons/Yr: 0  
 Particulate Matter Tons/Yr : 0  
 Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1990  
 Facility ID : 1211

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD XINCOM (Continued)**

**S106830931**

Air District Code : VEN  
SIC Code : 3629  
Air Basin : SCC  
Air District Name : VENTURA COUNTY APCD  
Community Health Air Pollution Info System : Not reported  
Consolidated Emission Reporting Rule : Not reported  
County Code : 56  
County ID : 56  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr : 0  
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1993  
Facility ID : 1211  
Air District Code : VEN  
SIC Code : 3629  
Air Basin : SCC  
Air District Name : VENTURA COUNTY APCD  
Community Health Air Pollution Info System : Not reported  
Consolidated Emission Reporting Rule : Not reported  
County Code : 56  
County ID : 56  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr : 0  
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1995  
Facility ID : 1211  
Air District Code : VEN  
SIC Code : 3629  
Air Basin : SCC  
Air District Name : VENTURA COUNTY APCD  
Community Health Air Pollution Info System : Not reported  
Consolidated Emission Reporting Rule : Not reported  
County Code : 56  
County ID : 56  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr : 0  
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1996  
Facility ID : 1211  
Air District Code : VEN  
SIC Code : 3629  
Air Basin : SCC

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FAIRCHILD XINCOM (Continued)**

**S106830931**

Air District Name : VENTURA COUNTY APCD  
Community Health Air Pollution Info System : Not reported  
Consolidated Emission Reporting Rule : Not reported  
County Code : 56  
County ID : 56  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr : 0  
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1997  
Facility ID : 1211  
Air District Code : VEN  
SIC Code : 3629  
Air Basin : SCC  
Air District Name : VENTURA COUNTY APCD  
Community Health Air Pollution Info System : Not reported  
Consolidated Emission Reporting Rule : Not reported  
County Code : 56  
County ID : 56  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr : 0  
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

**MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES**

YEAR	NAME	ADDRESS	CITY	ST	DIR.	DIST.	ELEV.	TYPE
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**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	Database(s)
SIMI	S101482851	MARUFU I/BIG SKY, LTD.	TAPO / DRY CANYONS	93065	Cortese, VCP
SIMI HILLS	1003879362	ROCKWELL INTL CORP - SSFL I	WOOLSEY CANYON RD	93063	CERC-NFRAP
SIMI VALLEY	1004678354	CALIF DEPT OF TRANSPORTATION	RT 118 FROM P M 23.4	93065	FINDS, RCRA-LQG
SIMI VALLEY	S103637578	FORMER S P MINING CO SITE	184 ACRES S END OF SEQUOIA AVE		HAZNET
SIMI VALLEY	S105939469	BOEING N. AMERICAN-ROCKETDYNE	P.O. BOX 7922 MS PA45	93065	EMI
SIMI VALLEY	S106539431	SIMI VALLEY ROYAL AVE. 1962	COURRIER AVE.		SWF/LF
SIMI VALLEY	S105937003	CANYON ROCK, SAND & GRAVEL	EAST END OF BENNETT RD	93063	EMI
SIMI VALLEY	1006248427	CANYON ROCK SAND AND GRAVEL	EAST END OF BENNETT ROAD	93065	FINDS
SIMI VALLEY	S101611235	SIMI VALLEY ROYAL AVE. 1962	NORTH OF COURIER AVE		SWF/LF
SIMI VALLEY	S106539430	TIERRA REJADA LANDFILL	OFF LIEVARANCHO ROAD, AT TIERRA REJADA ROAD		SWF/LF
SIMI VALLEY	1000273243	THE BOEING COMPANY - SSFL NASA	SANTA SUSANA FIELD LAB NASA	93063	PADS, CERCLIS, FINDS, RCRA-LQG, RCRA-TSDF, CORRACTS, CERC-NFI
SIMI VALLEY	S102801419	CITY OF SIMI VALLEY	SEQUOIA -SOUTH END /	93065	HAZNET
SIMI VALLEY	S102800856	SIMI VALLEY UNIFIED SCHL DIST	SINALOA JR HIGH SCHOOL	93065	HAZNET
SIMI VALLEY	1006242934	TAPO ENERGY TAPO CANYON LEASE	SOUTH TAPO CANYON FIELD	93065	FINDS, EMI
SIMI VALLEY	1000273242	BOEING CO SSFL ETEC AREA I V	TOP OF WOOLSEY CANYON RD HWMF	93063	RCRA-SQG, RCRA-TSDF, CORRACT
SIMI VALLEY	1000840902	THE BOEING COMPANY - SSFL RMHF	TOP OF WOOLSEY CANYON RD RMHF	93063	CERCLIS, RCRA-LQG, RCRA-TSDF, CORRACTS
SIMI VALLEY	1003878695	TIERRA REJADA DSPL SITE	1 MI W OF MADERA RD	93065	CERC-NFRAP
SIMI VALLEY	S102363113	TIERRA REJADA LANDFILL	1 M W OF MADERA RD ON TIERRA REJADA RD		SWF/LF

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

**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 617-918-1143

EPA Region 3

Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

EPA Region 6

Telephone: 214-655-6659

EPA Region 8

Telephone: 303-312-6774

### **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: 04/01/05  
Elapsed ASTM days: 5  
Date of Last EDR Contact: 04/01/05

## **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: 05/20/05  
Date Made Active at EDR: 06/09/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/24/05  
Elapsed ASTM days: 16  
Date of Last EDR Contact: 05/24/05

## **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: 56  
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: 04/14/05  
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: 06/27/05

**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: 03/30/05  
Database Release Frequency: Annually

Date of Last EDR Contact: 05/10/05  
Date of Next Scheduled EDR Contact: 08/08/05

**DOD:** Department of Defense Sites

Source: USGS  
Telephone: 703-692-8801

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

**US ENG CONTROLS:** Engineering Controls Sites List

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

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 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: 202-566-0250

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

**FTTS 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: 202-564-4203

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: 202-566-1667

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: 916-323-9100

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/01  
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: 916-445-3846

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: 11/01/93  
Elapsed ASTM days: 18  
Date of Last EDR Contact: 04/18/05

**TOXIC PITS:** Toxic 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: 08/30/95  
Elapsed ASTM days: 27  
Date of Last EDR Contact: 02/01/05

**SWF/LF (SWIS):** Solid Waste Information System

Source: Integrated Waste Management Board  
Telephone: 916-341-6320

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

Date of Government Version: 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: Ventura County Environmental Health, (805) 654-2815

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: 05/12/05  
Date Made Active at EDR: 06/07/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/12/05  
Elapsed ASTM days: 26  
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: Ventura County Environmental Health, (805) 654-2815  
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 threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 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: 04/18/05  
Date Made Active at EDR: 05/31/05  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/16/05  
Elapsed ASTM days: 15  
Date of Last EDR Contact: 05/16/05

**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: 09/05/95  
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: 01/25/91  
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: 916-327-4498

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

**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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: Ventura County Environmental Health, (805) 654-2815

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.

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: 916-255-1136

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: 05/09/05

## **LOCAL RECORDS**

### **ALAMEDA COUNTY:**

#### **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

#### **Contaminated Sites**

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

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

Date of Government Version: 05/25/05  
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: 925-646-2286

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Last EDR Contact: 02/28/05  
Date of Next Scheduled EDR Contact: 05/30/05

## FRESNO COUNTY:

### CUPA Resources List

Source: Dept. of Community Health  
Telephone: 559-445-3271

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

## 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: 05/10/05  
Database Release Frequency: Quarterly

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

## 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: 562-570-2563

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: 310-618-2973

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 626-458-3517  
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.

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: 415-499-6647  
Currently permitted USTs in Marin County.

Date of Government Version: 02/08/05  
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: 707-253-4269

Date of Government Version: 03/29/05  
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).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

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: 530-889-7312  
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: 951-358-5055  
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/24/05  
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: 951-358-5055

Date of Government Version: 05/24/05  
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: 04/06/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/06/05  
Date of Next Scheduled EDR Contact: 08/01/05

### 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/29/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/06/05  
Date of Next Scheduled EDR Contact: 08/01/05

## **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.

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: 08/01/00  
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: 05/16/05  
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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SAN MATEO COUNTY:

### Fuel Leak List

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

Date of Government Version: 05/05/05  
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.

Date of Government Version: 05/12/05  
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: 408-265-2600

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

## 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: 530-666-8646

Date of Government Version: 04/19/05  
Database Release Frequency: Annually

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

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

Date of Government Version: 02/01/01  
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: 510-286-0457

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: 213-576-6600

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: 916-464-3291

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

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: 07/18/05

## 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: 05/16/05  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/16/05  
Date of Next Scheduled EDR Contact: 08/15/05

**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: 916-464-3291

Unregulated sites that impact groundwater or have the potential to impact groundwater.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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, Lahontan Region  
Telephone: 530-542-5574

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

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: 619-241-6583

Date of Government Version: 05/24/05  
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 Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491

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: 951-782-3298

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: 858-467-2980

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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.

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: 01/10/05

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**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) 823-6277

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: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## **Medical Centers: Provider of Services Listing**

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## **Nursing Homes**

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## **Public Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

## **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## **Daycare Centers: Licensed Facilities**

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 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<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

RUNKLE CANYON  
RUNKLE CANYON  
SIMI VALLEY, CA 93063

### TARGET PROPERTY COORDINATES

Latitude (North):	34.248798 - 34° 14' 55.7"
Longitude (West):	118.730797 - 118° 43' 50.9"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	340619.3
UTM Y (Meters):	3790902.8
Elevation:	1088 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).

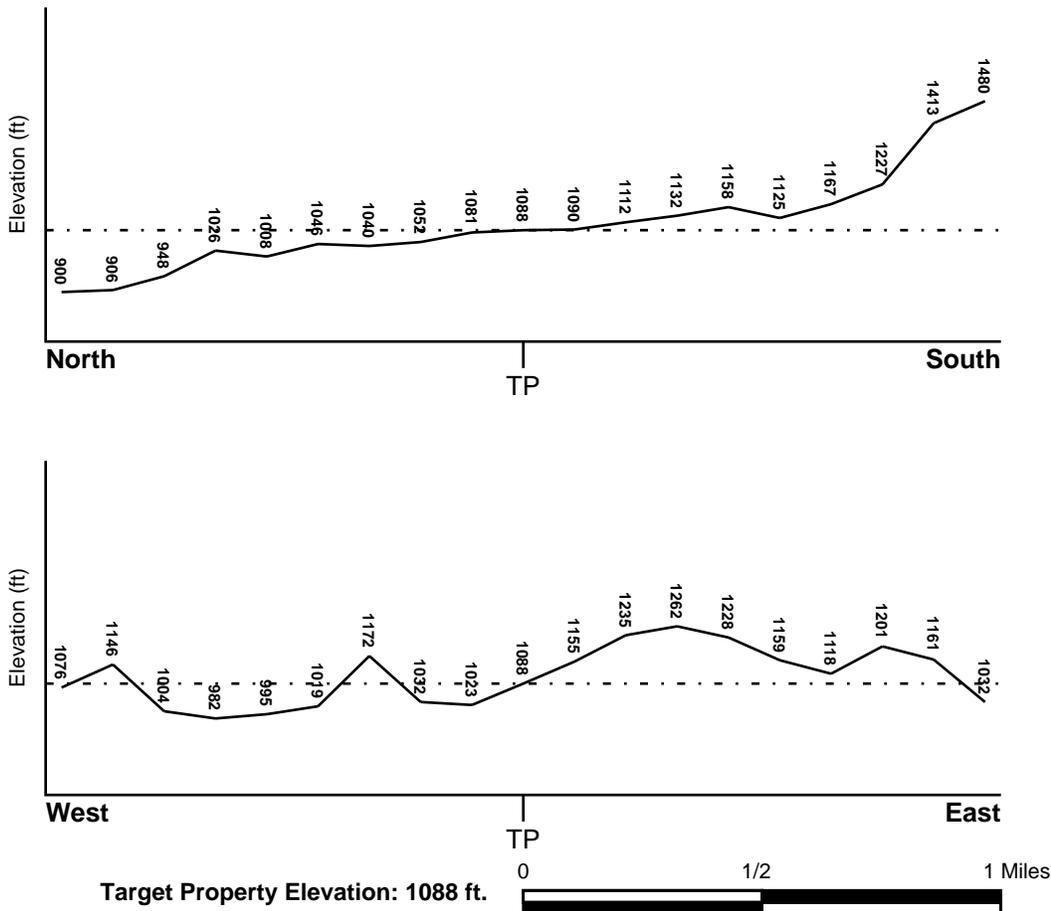
## TOPOGRAPHIC INFORMATION

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: 34118-B6 CALABASAS, CA  
 General Topographic Gradient: General WNW  
 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>
VENTURA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0604130980B

Additional Panels in search area: 0604210008A  
0604130850B

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
CALABASAS	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

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

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

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

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

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
System: Tertiary  
Series: Pliocene  
Code: Tp (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: LODO

Soil Surface Texture: loam

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

Soil Drainage Class: 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: > 4 inches

Depth to Bedrock Max: > 20 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	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.60
2	7 inches	11 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

### OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: clay loam  
 very gravelly - clay loam  
 sandy loam  
 clay  
 stony - sandy loam

Surficial Soil Types: clay loam  
 very gravelly - clay loam  
 sandy loam  
 clay  
 stony - sandy loam

Shallow Soil Types: clay loam

Deeper Soil Types: weathered bedrock  
 clay loam  
 gravelly - loam  
 stratified

### 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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>
No Wells Found		

## **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.

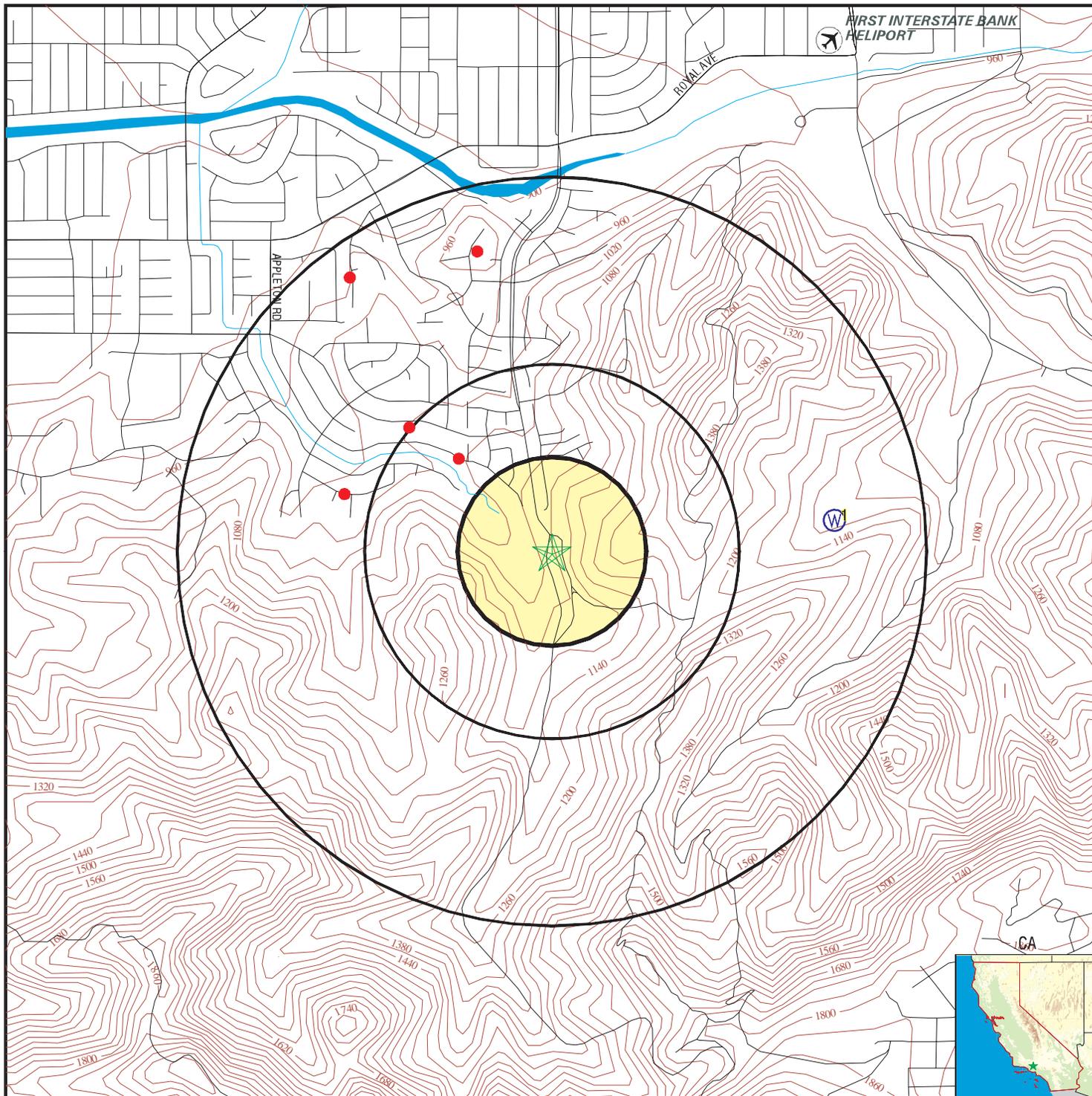
## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	2209	1/2 - 1 Mile East

## **STATE OIL/GAS WELL INFORMATION**

<u>DISTANCE FROM TP (Miles)</u>	<u>DISTANCE FROM TP (Miles)</u>
1/2 - 1 Mile NNW	1/2 - 1 Mile NW
1/2 - 1 Mile NW	1/4 - 1/2 Mile NW
1/2 - 1 Mile WNW	

# PHYSICAL SETTING SOURCE MAP - 1451501.2s



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

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



**TARGET PROPERTY:** Runkle Canyon  
**ADDRESS:** Runkle Canyon  
**CITY/STATE/ZIP:** Simi Valley CA 93063  
**LAT/LONG:** 34.2488 / 118.7308

**CUSTOMER:** Geocon Geotechnical & Env  
**CONTACT:** Mike Conkle  
**INQUIRY #:** 1451501.2s  
**DATE:** June 22, 2005 7:29 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
1	East	1/2 - 1 Mile	Higher	CA WELLS	2209

**Water System Information:**

Prime Station Code:	02N/18W-24D01 S	User ID:	TAP
FRDS Number:	5610023005	County:	Ventura
District Number:	06	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	341500.0 1184300.0	Precision:	Undefined
Source Name:	WELL 29 - DESTROYED		
System Number:	5610023		
System Name:	VENTURA WWD NO. 8 - SIMI VALLEY		
Organization That Operates System:	2929 TAPO CANYON SIMI VALLEY, CA 93063		
Pop Served:	72332	Connections:	18934
Area Served:	SIMI VALLEY		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**NNW** **OIL\_GAS** **CA00010693**  
**1/2 - 1 Mile**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	11105661	Operator:	Regent Oil Company
Latitude:	34.260422	Longitude:	-118.733356
Region:	2	Lease:	Runkle
Section:	14	Township:	02N
Range:	18W	Map Number:	W2-1
Base and Meridian:	San Bernardino	Total Depth:	Not Reported
Spud Date:	Not Reported	Abandonment Date:	Not Reported

**NW** **OIL\_GAS** **CA00006246**  
**1/2 - 1 Mile**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	11105657	Operator:	W E. Newell & E.J. Lattner
Latitude:	34.259414	Longitude:	-118.739297
Region:	2	Lease:	Newll-Lattner
Section:	14	Township:	02N
Range:	18W	Map Number:	W2-1
Base and Meridian:	San Bernardino	Total Depth:	Not Reported
Spud Date:	Not Reported	Abandonment Date:	Not Reported

**NW** **OIL\_GAS** **CA00009726**  
**1/2 - 1 Mile**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	11105664	Operator:	Simian Oil Co.
Latitude:	34.253602	Longitude:	-118.736534
Region:	2	Lease:	Simian
Section:	14	Township:	02N
Range:	18W	Map Number:	W2-1
Base and Meridian:	San Bernardino	Total Depth:	Not Reported
Spud Date:	Not Reported	Abandonment Date:	Not Reported

**NW** **OIL\_GAS** **CA00006198**  
**1/4 - 1/2 Mile**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	11105667	Operator:	Webb Oil Company
Latitude:	34.252393	Longitude:	-118.734215
Region:	2	Lease:	Runkle
Section:	14	Township:	02N
Range:	18W	Map Number:	W2-1
Base and Meridian:	San Bernardino	Total Depth:	Not Reported
Spud Date:	Not Reported	Abandonment Date:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction  
Distance

Database EDR ID Number

---

**WNW**  
1/2 - 1 Mile

**OIL\_GAS CA00014323**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	11105646	Operator:	Cline & Clemson
Latitude:	34.251015	Longitude:	-118.739546
Region:	2	Lease:	Well No.
Section:	14	Township:	02N
Range:	18W	Map Number:	W2-1
Base and Meridian:	San Bernardino	Total Depth:	Not Reported
Spud Date:	Not Reported	Abandonment Date:	Not Reported

# 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
93063	158	8	5.06

Federal EPA Radon Zone for VENTURA County: 1

- 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 Zip Code: 93063

Number of sites tested: 16

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.444 pCi/L	94%	6%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
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 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.

## HYDROGEOLOGIC INFORMATION

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

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### **Geologic Age and Rock Stratigraphic Unit**

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

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services

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

## 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, 800-457-6656

### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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