R.T. Frankian & Associates, Inc., Phase I Environmental Site Assessment, Vista Canyon Ranch (Waldron Property), 27556 Woodfall Road, Los Angeles County, APN 2840-004-021 (June 2007)

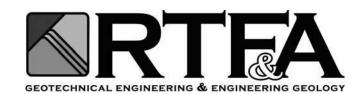
# PHASE I ENVIRONMENTAL SITE ASSESSMENT VISTA CANYON RANCH (WALDRON PROPERTY) 27556 WOODFALL ROAD LOS ANGELES COUNTY ASSESSOR'S PARCEL NO. 2840-004-021 SANTA CLARITA LOS ANGELES COUNTY, CALIFORNIA

FOR

# VISTA CANYON RANCH, LLC

JUNE 18, 2007

JOB NO. 2007-019-51





June 18, 2007

Vista Canyon Ranch, LLC 27441 Tourney Road, Suite 260 Valencia, California 91355

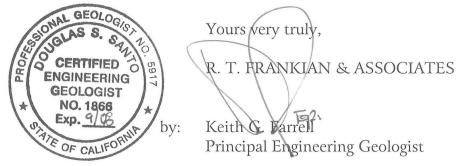
Job No. 2007-019-51

Attention: Mr. Steve Valenziano

Ladies and Gentlemen:

Transmitted herewith are three copies of our Phase I Environmental Site Assessment of the subject site in an unincorporated portion of Los Angeles County located near Santa Clarita, California. This report is intended only for the use and benefit of JSB Development. The assessment included a review of historical topographic maps, aerial photographs, regulatory environmental databases, and a walk-through reconnaissance of the site and immediately adjacent area.

The subject site is generally undeveloped land, but a homesite has existed on the parcel prior to 1928. The search of government records and historical sources did not reveal evidence of recognized environmental conditions in connection with the subject site and further assessment of potential sources of contamination is not recommended at this time.



JK/KGF/sjc

Distribution: (3) Vista Canyon Ranch, LLC Attn: Mr. Steve Valenziano (3 wet-signed copies)



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#### PHASE I ENVIRONMENTAL SITE ASSESSMENT

#### VISTA CANYON RANCH (WALDRON PROPERTY)

#### 27556 WOODFALL ROAD

#### LOS ANGELES COUNTY ASSESSOR'S

#### PARCEL NO. 2840-004-021

#### SANTA CLARITA

#### LOS ANGELES COUNTY, CALIFORNIA 91350

#### FOR

#### VISTA CANYON RANCH, LLC

#### JUNE 18, 2007

#### JOB NO. 2007-019-51

#### INTRODUCTION

This report presents the results of our Phase I Environmental Site Assessment (ESA) of the Waldron property, located south of Santa Clara River and west of Sand Canyon, in an unincorporated area of Los Angeles County, California. The location of the site is shown on the attached Vicinity Map (Figure 1), and also the Site Plan (Figure 2). The scope of work for this Phase I Environmental Site Assessment included limited subsurface testing in addition to researching the site history and government records for a Phase I Environmental Site Assessment.

We understand that this site assessment is being performed in consideration of a pending transfer of the property as a real estate sale and is performed for the benefit of Vista Canyon Ranch, LLC. The purpose of the assessment was to identify, to the



extent feasible, pursuant to the performed scope of work in Proposal Number P063-2007-01, (dated May 11, 2007), recognized environmental conditions in connection with the subject site. This assessment was based on a review of available pertinent information as discussed herein.

A title search was not conducted by R.T. Frankian and Associates (RTF&A) for the current study. An environmental lien search was performed. This ESA included a walk-through reconnaissance of the subject site to observe for obvious indications of environmental impairment. Immediately adjacent properties were observed from the subject site for conditions that might exert an adverse environmental impact to the subject site. The ESA also included a review of available historical maps, aerial photographs, and federal, state, and local regulatory agency databases that list and track occurrences of hazardous waste and toxic substances (see Appendices). In general, the area within a radius of 1.0 mile or less from the site was reviewed (see Appendices).

Not included in this review are evaluations of "business environmental risk", radon gas, asbestos, lead based paint, mold, methane, flooding or wetlands. The environmental assessment did include limited sampling and analyses for potential contaminants. Limited subsurface investigation was done by test pits and hollow-stem auger drilling. Test pits were dug by a backhoe to investigate the quality and depth of fill located on a portion of the site. Two of the test pits encountered buried rubbish (mainly household trash) layered into the fill soil. No significant hazardous materials or problematic site conditions were discovered during our investigation.



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#### SITE CONDITIONS

#### SITE DESCRIPTION

The subject site consists of a roughly rectangular undeveloped parcel, approximately 30 acres in area. It consists of a portion of Section 22, Township 4 North, Range 15 West, San Bernardino Base and Meridian described as the west half of the north half of the southeast quarter. The subject site is located in an unincorporated area of Los Angeles County, near the city limits of Santa Clarita, California and has the assigned address: 27556 Woodfall Road, Santa Clarita, California. The current Assessor's parcel number for the subject site is 2840-004-021 (see Figures 1.1 and 1.2).

The site is located within and adjacent to the river channel and flood plain of the Santa Clarita River. The southwest portion of the site contains residential compound consisting of an old farm house and several trailers and autos. A large portion of the site has been used to stockpile waste concrete and concrete washout material in order to protect the residential compound from flooding and provide an area for parking. The subject site is covered with what appears to be native vegetation on relatively flat to low sloping ground. The Santa Clara River channel is along the north portion of the property.

#### TOPOGRAPHY

The site consists of flat to low sloping terrain below slopes to the south and the Santa Clara River to the north. According to the United States Geological Survey (USGS) topographic map of the Mint Canyon, California Quadrangle (1960 edition, photorevised 1988), the elevation of the subject site ranges from approximately 1,470



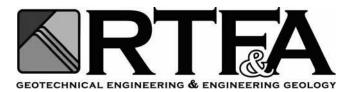
feet, near the northwestern corner of the subject site, to approximately 1,500 feet, near the southeastern portion of the subject site.

#### GEOLOGY

The site is located in the stream channel and flood plain of the Santa Clara River. As such, the site is underlain by alluvium deposited from the river, and from erosion and deposition from the bedrock hillsides located to the south which are composed of Mint Canyon Formation sandstone sediments. The active river channel generally is underlain by medium to coarse grained sand with gravel and cobbles, while the flood plain deposits and colluvial soils are typically finer grained with sand, silt and clay. Although the two alluvial sources create distinct types of sediments, they intermingle as they meet along the southerly edge of the river channel through the site. The flood plain deposits and alluvium which have been eroded and deposited from the hillsides on the south is typically finer grained than the coarse grained sand and gravels that have been deposited from the active river channel.

#### GROUNDWATER

The subject site is underlain by alluvium which contains ground water at depth. The river-deposited sands and gravels along the northerly portion of the site produce groundwater for public drinking water supplies. Production wells have been constructed in this alluvium and groundwater occurs at relatively shallow depths. Historic high groundwater elevations in the northerly alluvial wells have been as shallow as three to five feet below the ground surface. Historic low water levels have been from 40 to 100 feet deep. Groundwater was encountered in recent borings on



the site at depths of approximately 40 feet. Water has been found at shallower depths in the past on adjacent property. The groundwater gradient beneath the site most likely follows the local topography and flows south and then west along the course of the Santa Clara River. No surface water or seeps were observed.

#### SITE RECONNAISSANCE

#### GENERAL

Messrs. Keith Farrell and John Klinge of RTF&A conducted several site reconnaissances on May 9, 2007 and May 30, 2007. They were accompanied during the initial site visit reconnaissance by a representative of the client, Mr. Steve Valenziano, and the local occupant/caretaker, Mr. Charles Houston. Mr. Houston also met with Messrs Farrell and Klinge during subsequent visits and described his knowledge of the current and past site use (Mr. Houston has apparently lived at the site for 21 years). The purpose of the reconnaissance was to observe existing site conditions and to identify obvious indicators of recognized environmental conditions that could adversely affect the subject site. RTF&A's observations during the site reconnaissance are described on the following pages. Site photographs are presented in Figures 4.1 through 4.3.

#### HAZARDOUS SUBSTANCES

No hazardous substances or petroleum products were observed during the site reconnaissance other than minor automotive lubricants. Some minor amounts of transite pipe was observed that could contain asbestos. The building at the site could contain minor amounts of asbestos and should be surveyed prior to demolition. In



addition, because of the age of the structure, it could contain lead paint. A propane tank is present in the middle of the compound, but it does not represent an environmental concern. No drums, waste pits, stained soil or work areas were noted that would utilize hazardous chemicals except for automotive repairs and no problematic areas were noted during our visit. Most of the work areas and storage areas were cluttered, but appear purposely placed.

#### **STORAGE TANKS**

No evidence of current or former underground storage tanks (USTs) such as access plates, vents, or dispenser islands was observed on the subject site. Two above ground storage tanks (ASTs) were noted at the site; one on the southeast corner of the property and another near the residence, which is used for water. The other tank is an empty fuel tank that appears to be stored there for future use. According to Mr. Houston, that fuel tank is empty and is used for construction site fueling only. It is currently stored (empty) pending future use. No evidence of past use at this location or leakage was noted around the tank. No other ASTs or evidence of former ASTs such as mountings or circular scars, were observed on the subject site. According to a regulatory database search conducted by Environmental Data Resources (EDR), no records regarding the use of storage tanks at the subject site were identified (see Appendix A).

#### POLYCHLORINATED BIPHENYLS (PCBS)

No potentially PCB-containing electrical or hydraulic equipment, such as transformers or former lifts, were observed on the subject site.



#### WASTES

No significant wastes are currently being generated at the subject site. As part of this investigation, we found an area of localized buried rubbish/trash in the artificial fill near the current residential area. The material was tested for priority pollutants and none were found. Concrete debris and concrete wash-out material was stockpiled and spread on the site but no hazardous materials were encountered in 28 test pits excavated into the material.

We did find minor amounts of concrete coated steel pipe and transite water pipe that could contain asbestos fibers. It is our understanding that some of the transite water pipe is the property of the local water district and was washed out during a flood.

No suspicious staining, stressed vegetation (from causes other than lack of water), or discarded drums or other chemical product containers were observed on the subject site. No waste pits, sumps, or impoundments were observed, other than the concrete debris/fill. The residence and trailers are connected to a private on-site septic system.

#### WELLS

RTF&A did not observe evidence of water production or other types of wells on the subject site during the site reconnaissance. However, one abandoned production well is located near the northwest corner of the site within the active stream course of the Santa Clara River. Two other large production wells are also located nearby within the stream channel.



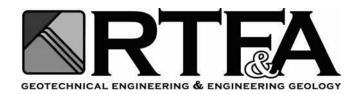
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#### ADJACENT PROPERTIES

The adjoining properties are characterized as undeveloped land in all directions except to the west. A recent housing development is located to the west-southwest.

#### SITE HISTORY

The historic land use of the site and its surrounding area have been reviewed from readily available information that includes historic maps and aerial photographs. The site was originally used as a farm. Historical narratives obtained from the city of Santa Clarita describe raising cattle in the local area. There was a small farm house at the site as early as 1928. The area, including a portion of the site appears to have been used for farming, probably raising cattle food crops from 1928 to at least 1952. Sometime between 1994 and 2002, the northern and eastern portions of the site were used to dump concrete debris.



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#### **AERIAL PHOTOGRAPHS**

RTF&A reviewed aerial photographs dated 1928, 1947, 1952, 1968, 1976, 1989, 1994, and 2002 that were provided by EDR (see Appendix F). A summary of the aerial photographs are presented in the following Table 1.

Each of the photographs depict the subject site as undeveloped, flat to low sloping land. A residence is depicted in all the photos in the southwest corner of the site. A triangular area in the southeast portion of the site was used as crop land. This triangular area and the residence are the only areas outside the floodplain of the Santa Clara River. After 1994, a portion of the site has been used to store concrete debris. This area covers the majority of the northern and eastern portions of the site and is well depicted on the 2002 aerial photo of the site.



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# TABLE 1AERIAL PHOTOS REVIEWED

	Approx.	
Date	Scale	Site Use
2002	1" = 666'	A large portion of the site was used for dumping/storing concrete debris for flood protection from the Santa Clara River. The eastern <sup>3</sup> / <sub>4</sub> of the site was used for this purpose. The residence remains in the southeast corner with several outbuildings/trailers. The single oak tree remains midway along the south boundary.
1994	1"= 666'	The site was vacant land except in the southwest corner. Several vehicles appear to be parked in the area of the residence. A single tree remains about midway along the southern boundary. It appears that some rubble may have been placed in the northern boundaries for erosion protection. An unknown large, white reflective object is present in the northern area in the photograph but its use cannot be discerned.
1989	1" = 666'	The site appears similar to earlier photographs, but no farming is being done. The residence appears concealed in the trees in the southwest corner of the site. A single large oak tree remains about midway along the southern boundary.
1976	1" = 666'	The site appears to be used as a residence with a few isolated buildings or objects in the southwest corner. The remaining site appears to be vacant land with no apparent use. Most of the site is in the floodplain of the Santa Clara River except for a triangular section in the southeast corner. A single tree remains about midway along the south boundary. A few trees were also noted in the residence area.
1968	1" = 666'	The site was used as a farm residence in the southwest corner. Most of the site is in the floodplain of the Santa Clara River except for a triangular section in the southeast corner.
1952	1" = 555'	The site appears similar to the 1947 photo. Most of the site is in the floodplain of the Santa Clara River except for a triangular section in the southeast corner. The farm residence may be concealed by trees. Several trees bound the south side of the floodplain on the site.
1947	1" = 666'	The site was vacant land used for farming in the triangular area in the southeast corner of the site. The remaining area is in the floodplain of the Santa Clara River. The farm residence noted in the 1928 photo is concealed by trees. Several trees bound the edge of the floodplain.
1928	1" = 500'	The site was used as farm residence in the southwest corner. The rest of the site was vacant land in the floodplain of the Santa Clara River. A small triangular area in the southeast corner was used for crop farming (?). Several trees bound the south edge of the floodplain on the site.



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#### SANBORN FIRE INSURANCE MAPS

A search for Sanborn Maps depicting the subject site was conducted by EDR. Sanborn maps are historic site use maps used for fire insurance rating. The maps depict lots and streets, and often provide information about the nature of businesses and the site uses of the property throughout the last century. Map coverage is generally not available in rural areas. According to EDR, Sanborn Map coverage of the property is unavailable (see Appendix D).

#### HISTORICAL TOPOGRAPHIC MAPS

RTF&A reviewed historical topographic maps provided by EDR. Topographic maps were reviewed for the years 1900, 1901, 1932, 1947, 1960, 1974, and 1988 (see Appendix E). Each of the map editions depict the subject site and adjacent properties as undeveloped land, except for the railroad which passes through an area south of the site. The existing farm house is depicted on the 1932, 1960 and 1972 topographic maps.

#### ENVIRONMENTAL QUESTIONNAIRE

RTF&A used an environmental questionnaire during our site visit The questionnaire contains general questions regarding current and historical conditions of environmental concern at the subject site. The questionnaire was reviewed with Mr. Houston who verbally answered the questions to the best of his recollection/knowledge. According to Mr. Houston, past site use has not included problematic environmental uses such as gas stations, dry cleaners, commercial printing, recycling, water treatment, etc. No underground storage tanks have been



used at the site, but the site has a septic system. No drums, containers or other possible hazardous wastes were stored in containers larger than 5 gallons. No ponds, pits, lagoons, on site disposal, wastewater discharge to drains or ditches, or dry wells were located on the site. There were no site usages that required past or pending environmental permits.

#### CALIFORNIA DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

No oil wells were observed on the site. RTF&A reviewed California Division of Oil and Gas and Geothermal Resources (DOGGR) wildcat maps for information regarding current or former oil wells at the site. One abandoned oil well site, Redwood Mitchell 39-1390 is located south of the site near the southeastern corner of Section 22.

#### **PROPERTY TAX RECORDS**

RTF&A reviewed readily available information on the internet from the Los Angeles County Assessor's Office and possible environmental liens on the site provided by EDR. The current owner was identified as the Waldron Family Trust. No other previous owners were identified.

#### OTHER HISTORICAL SOURCES/LOCAL RECORDS

Records for the site address were researched at the City of Santa Clarita and Los Angeles County. The site is not located in the City of Santa Clarita and they had no site information on the subject address. Records from the Los Angeles County Building and Safety files were also researched, but no records were on file for the



subject address. The Los Angeles County Department of Public Works, Environmental Department was checked for environmental records such as underground tanks or other environmental violations, notices to comply etc. No records of the subject site address were available. The nearest listed problematic site was the Canyon Park Hog Farm located south of the subject site at 27338 Woodfall Road. That former site had underground tanks that were properly abandoned in 1989.

RTF&A also reviewed local history presented at scvhistory.com, which provides background history of the Santa Clarita area. It includes descriptions of early homesteading and local landmarks. According to the information which includes narratives from early occupants, the area was first occupied by the Mitchell family in about 1860 who occupied 160 acres. Their house was located near the intersection of Lost Canyon and Soledad Canyon, and their property probably included the subject site. The Sand Canyon area of Soledad Canyon was first occupied by local ranchers who primarily farmed and raised cattle. There was no commercial or industrial activity in the subject area described in these narratives. Mule trains brought ore (principally Borax) through the canyon from Antelope Valley. This activity stopped at the end of the nineteenth century once the railroad was in place.

#### **REGULATORY DATABASE RECORDS**

RTF&A reviewed a regulatory database report prepared by EDR for information regarding properties with known or suspected releases of hazardous materials located on or near the subject site. The report identified three mapped sites listed in federal, state, and local government databases within the search area



prescribed by ASTM Standard E 1527-05. The three listed sites include a former hog farm, located south of the subject property and a dry cleaner and gasoline station, both located northwest (down-gradient) of the subject site. There is little or no possibility that these sites could have affected the subject property. There were 20 unmapped sites identified in the database search. A copy of the EDR regulatory database report is included in Appendix A. Other pertinent EDR reports are included herein as appendices.

#### FEDERAL RECORDS

The subject site was not listed on any of the federal databases searched for this assessment. None of the federal databases searched by EDR had listed sites within their respective search radii of the subject site.

#### STATE AND TRIBAL RECORDS

The subject site was not listed on any of the state or tribal databases searched for this assessment. Two nearby sites were listed on state databases. The former Canyon Park Hog Farm is listed on the State Waste Management Unit Database System for tracking waste management units by the State Water Resources Control Board. The site was listed as a possible source of groundwater degradation because of the animal wastes derived from the site. The state required groundwater monitoring for possible degradation because of the former use. The site received closure and is now a housing development.



The Canyon Country Gas Station located at 18003 Soledad Canyon Road is also listed on the Leaking Underground Storage Tank list. That site is located more than one-half mile from the subject site and is located downgradient, and therefore is unlikely to have affected the subject property. Soledad Cleaners at 18344 Soledad Canyon is listed on the States Site Mitigation and Brownfields Reuse Program database. The dry cleaner is located more than one half mile to the west and downgradient of the site. As such there is little likelihood that it will affect the subject property.

#### **UNMAPPED SITES**

EDR listed 20 sites as unmapped (they did not appear on the map of the search) due to a lack of information and/or a lack of a complete address. The sites were listed in various databases. RTF&A reviewed the list of unmapped sites and checked the names and site locations with regard to the subject site and surrounding property. None of the unmapped sites were observed near the subject site and based on their partial descriptions and/or addresses, none are believed to be associated with or in close proximity to the site.

#### **ENVIRONMENTAL LIENS**

According to an environmental lien search report conducted by EDR, there are no environmental liens or activity and use limitations (AULs) at the subject site. A copy of EDR's environmental lien search report is included in Appendix C.



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#### SUBSURFACE TESTING

Because of the large extent of construction debris dumping that has occurred at the site, RTFA conducted limited subsurface exploration as part of this Phase I Environmental Site Assessment to help define the likelihood of problematic environmental conditions at the site. No investigation can completely eliminate the possibility of adverse environmental conditions, but a preliminary evaluation can help determine the likelihood of problems within the debris.

#### **TEST PITS**

RTF&A utilized the services of a backhoe to explore the thickness and characteristics of the debris fill. RTF&A excavated 28 test pits throughout the eastern portion of the site to determine the thickness and materials present in the debris fill. RTF&A observed, sampled, and photographed the exposed materials for evidence of buried waste materials that could represent a potential environmental liability. RTF&A looked for evidence of asbestos containing materials, stained soil, organic materials and odors.

RTF&A found some potentially problematic material in two out of the 28 test pits. These two test pits contained relatively minor amounts of trash. In Test Pits 12 and 24, we found a layer of trash buried in the deposited fill. The trash appeared to be common household trash and debris and was characterized by pieces of metal, cans, cloth and simple paper debris. No evidence of industrial waste was noted.

Soil that was mixed in with the trash was sampled to test for possible priority pollutants. Two samples were obtained and tested for volatile organic compounds (VOCs), heavy metals, hydrocarbons and semi-volatile organic compounds (SVOC).



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#### WATER SAMPLING AND TESTING

In addition, attempts were made to acquire representative groundwater samples from several soil test borings for chemical testing. RTF&A succeeded in acquiring one water sample because the groundwater was deeper than anticipated, or not sufficiently available for sampling. One water sample was obtained from hollowstem boring HS-1 located within the dumped fill area. The purpose of the water testing was to determine if priority pollutants are present in the underlying groundwater that could be indicative of nearby sources of contamination, specifically the dumped fill present within the site. The water sample was acquired and tested for VOC and SVOC priority pollutants and hydrocarbons.

#### **TEST RESULTS**

The soil samples were tested for indications of problematic priority pollutants, heavy metals and hydrocarbons. None of the tested constituents were detected in the soil samples. Minor concentrations of metals were indicative of background concentrations and not considered problematic. The water sample was similarly tested for VOC, SVOC and petroleum hydrocarbons. None of these constituents were detected in the tested water sample (see Appendix A).

#### SUMMARY OF FINDINGS

#### GENERAL

The historical review disclosed that the site has generally remained undeveloped except for the residence. The site has remained mostly vacant except for



the concrete debris that is present to a depth of approximately four to eight feet. The areal extent of the debris is roughly depicted in the 2002 air photo and on Figure 3.

The EDR report identified three mapped sites listed in the federal, state or local government databases within the search area prescribed by ASTM Standard E 1527-05. None of these sites are anticipated to affect the site. There were 20 unmapped sites identified in the database search and none of these sites would affect the subject property.

The debris fill at the site was explored with 28 test pits looking for evidence of problematic waste disposal including possible asbestos-containing waste. Minor amounts of household trash (mostly cans, paper and metal debris) were encountered in two of the 28 test pits. The majority of the debris encountered was as anticipated; specifically concrete wash-out material from delivery trucks. This consisted mostly of washed aggregate and hydrated cement mixed with soil. The material was mostly easily excavated with only about 10 percent of blocky large materials that affected the excavation process. No stained soil, odors, or significant quantities of other materials were found in the 28 locations explored. No evidence of any buried finished waste products such as large footings with steel, concrete blocks, or transite products in the test pits were detected.

Although RTF&A only performed minimal chemical testing of the encountered materials (because so little problematic material was found), the chemical testing of one groundwater sample and two soil samples did not find any problematic chemical concentrations that would be indicative of environmental problems.



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#### DATA CONSIDERATIONS

#### SIGNIFICANT ASSUMPTIONS

None of the assumptions made for this assessment were considered to have a significant impact on the conclusions of this report.

#### SIGNIFICANT DATA GAPS

Because of the undeveloped nature of the subject site, there were few records of past land and site use. However, the air photos and topographic maps show a consistent and similar land use since 1928. Based on the general continuity of the site use, it is our professional opinion that no significant data gaps exist.

#### CONCLUSIONS

To perform this ESA, we relied on others, including the User/Client, to provide information. We assume this information is true and accurate. However, if is not, or if there are data gaps, these may be recognized environmental conditions (RECs) that go undetected by us for which we are not responsible.

We are not aware of the subject property being investigated by a regulatory agency for environmental non-compliance. The search of government records and historical items did not reveal evidence that hazardous materials related to current or former activity on, or near, the site has adversely impacted the soil or groundwater at the subject site. It is our opinion that there are no observed RECs.



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#### RECOMMENDATIONS

If stained soils, odorous soils or other materials of environmental concern are encountered during site development, they should be evaluated by an appropriate environmental consultant. The evaluation of data included in this report suggests that further assessment of RECs is not required at this time.

#### LIMITATIONS

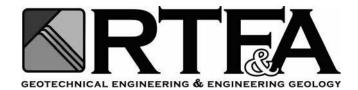
The purpose of this report was to meet one of the requirements for an innocent landowner defense under CERCLA. This report did not evaluate "business environmental risk." The conclusions and recommendations presented in this report are based on the material presented herein, which are commonly-known or reasonably-ascertainable information about the property, and are intended only for the purpose stated.

This report is intended for the sole use of Vista Ranch, LLC. Other parties that wish to use this report to identify recognized environmental conditions in the process of making appropriate inquiry into the site or surrounding properties shall provide a written request to RTF&A for authorization to use our report. On the basis of the intended use of the report, RTF&A may require that additional work be performed and that an updated report be issued. Non-compliance with any of these requirements will release RTF&A from any liability resulting from the use of this report by any unauthorized party.



We make no warranties, or guarantees as to the accuracy or completeness of information obtained, provided, or compiled by others. It is possible that information exists beyond the limited scope of this investigation. Additional information that was not found or not available to us at the time of the writing of this report may result in a modification of the conclusions and recommendations presented. This report presents our opinion of the overall environmental conditions as of the date of this report and is not a legal opinion.

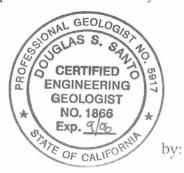
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If you have any questions regarding this report, please do not hesitate to call this office. The following are attached and complete this report:

- Vicinity Map Figure 1
- Site Location Map Figure 2
- Photographs Figures 2.1 through 2.16
- Geotechnical Map Figure 3
- Photographs Figures 4.1 through 4.3
- Appendix A Environmental Data Resources, Inc. , Regulatory Database Report
- Appendix B Environmental Site Assessment Questionnaire and Supplemental Information
- Appendix C Environmental Data Resources, Inc., Environmental Lien Search Report
- Appendix D Environmental Data Resources, Inc., Sanborn<sup>®</sup> Map and City Directory Report
- Appendix E Environmental Data Resources, Inc., Historical Topographic Map Report
- Appendix F Environmental Data Resources, Inc., Aerial Photo Decade
   Package Report
- Appendix G- Test Pit Logs
- Appendix H Laboratory Results



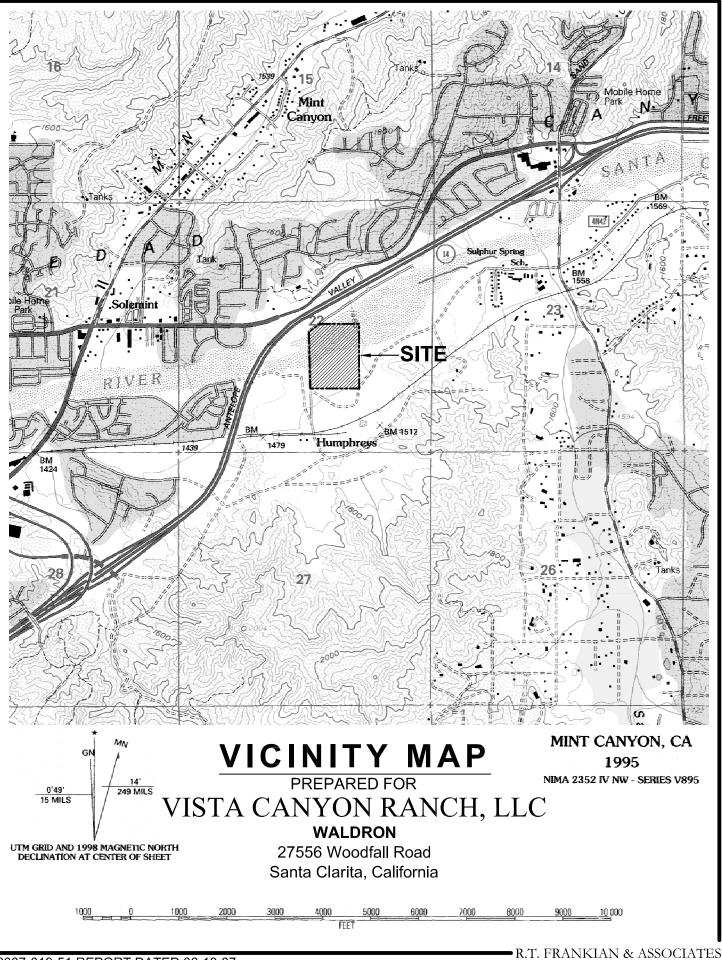
Respectfully submitted,

T. FRANKIAN & ASSOCIATES

Keith G. Farrell Principal Engineering Geologist



GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY



2007-019-51 REPORT DATED 06-18-07

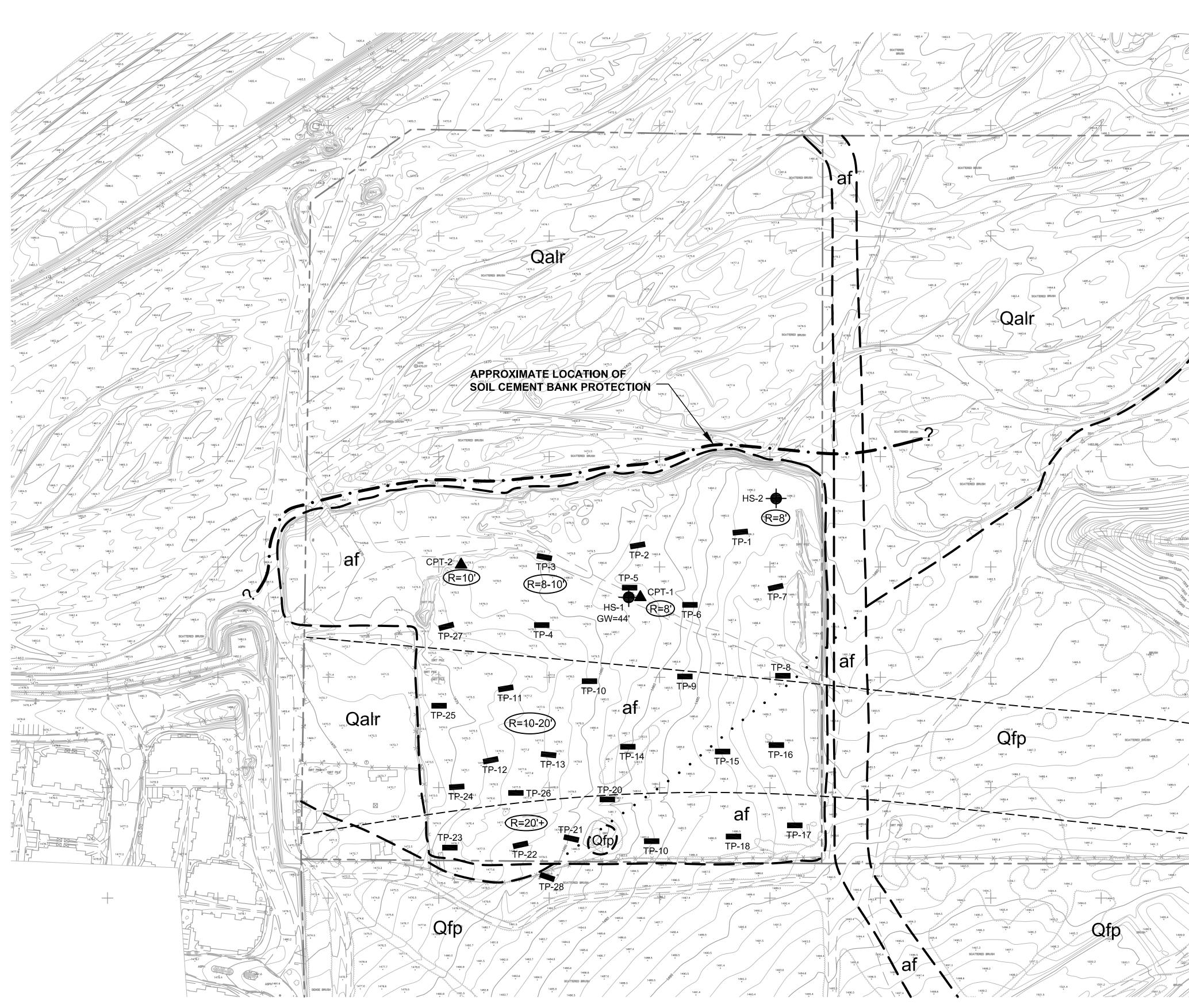
R.T. FRANKIAN & ASSOCIATES FIGURE 1



# SITE LOCATION MAP

## PREPARED FOR VISTA CANYON RANCH, LLC WALDRON

GRAPHIC SCALE 0 400' 800' FEET 27556 Woodfall Road Santa Clarita, California



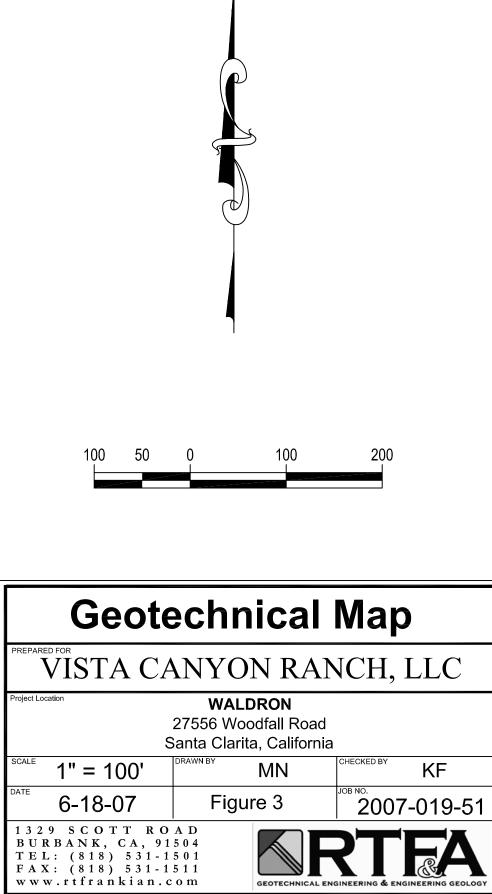


# EXPLANATION ARTIFICIAL FILL:

af

undifferentiated, uncompacted fill with concrete rubble and soil

**RIVER ALLUVIUM:** Qalr unconsolidated mixture of sand, gravel, cobbles, and boulders underlying the Santa Clara River active channel FLOOD PLAIN DEPOSITS: Qfp unconsolidated mixture of sand, silt, and clay SYMBOLS GEOLOGIC CONTACT, dashed where . . . . . . . **`**\_\_\_ approximate, dotted where concealed NUMBER AND APPROXIMATE LOCATION OF HOLLOW STEM BORING, SHOWING DEPTH TO GROUND WATER WHERE HS-1 -GW=44' 🕈 AVAILABLE CPT-1▲NUMBER AND APPROXIMATE LOCATION<br/>OF CONE PENETRATION TEST<br/>SOUNDING, SHOWING PRELIMINARY REMOVAL RECOMMENDATION TP-28 NUMBER AND APPROXIMATE LOCATION OF TEST PIT (R=8-10) RECOMMENDED REMOVAL DEPTH \_\_\_\_ REMOVAL AREA BOUNDARY, Dashed Where Approximate



# **PHOTOS**



Old Farm House / Residence



Entrance to Residence Compound



Work Area



Rear of Residence Compound



Water Tank



Transite Pipe Storage and Empty Fuel Tank in SE Corner



Trash in Fill



Concrete Rubble in Fill



Northern Edge of Fill with Concrete

## APPENDIX A

# ENVIRONMENTAL DATA RESOURCES, INC.

## **REGULATORY DATABASE REPORT**





# The EDR Radius Map with GeoCheck<sup>®</sup>

Vista Canyon Ranch (APNs 2840-004-009 & -021) 27556 Woodfall Road Santa Clarita, CA 91387

Inquiry Number: 1938528.2s

May 25, 2007

# The Standard in Environmental Risk Information

440 Wheelers Farms Road Milford, Connecticut 06461

**Nationwide Customer Service** 

 Telephone:
 1-800-352-0050

 Fax:
 1-800-231-6802

 Internet:
 www.edrnet.com

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### **GEOCHECK ADDENDUM**

Physical Setting Source Addendum	<b>A-1</b>
Physical Setting Source Summary	A-2
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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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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

### ADDRESS

27556 WOODFALL ROAD SANTA CLARITA, CA 91387

### COORDINATES

Latitude (North):	34.413500 - 34° 24' 48.6''
Longitude (West):	118.437700 - 118° 26' 15.7"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	367870.2
UTM Y (Meters):	3808746.8
Elevation:	1482 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	34118-D4 MINT CANYON, CA
Most Recent Revision:	1994

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

### FEDERAL RECORDS

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

	Emergency Response Notification System
HMIRS	- Hazardous Materials Information Reporting System
	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	_ A Listing of Brownfields Sites
	Superfund (CERCLA) Consent Decrees
ROD	
UMTRA	
ODI	
	Toxic Chemical Release Inventory System
	Toxic Substances Control Act
	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide
	Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
LIENS 2	
	_ Radiation Information Database
US CDL	
	FIFRA/TSCA Tracking System Administrative Case Listing
	Integrated Compliance Information System
LUCIS	Land Use Control Information System
DOT OPS	
	PCB Activity Database System
	_ Material Licensing Tracking System
MINES	
	. Facility Index System/Facility Registry System
	. RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

HIST Cal-Sites	Historical Calsites Database
CA BOND EXP. PLAN	
	. School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
CA WDS	Waste Discharge System
Cortese	"Cortese" Hazardous Waste & Substances Sites List
SWRCY	Recycler Database
CA FID UST	- Facility Inventory Database
SLIC	
AOCONCERN	. San Gabriel Valley Areas of Concern
UST	
	- Hazardous Substance Storage Container Database
	Aboveground Petroleum Storage Tank Facilities
SWEEPS UST	
	California Hazardous Material Incident Report System
Notify 65	
LA Co. Site Mitigation	
DEED	
	Voluntary Cleanup Program Properties
CLEANERS	
LOS ANGELES CO. HMS	
	Well Investigation Program Case List
CDL	_ Clandestine Drug Labs

RESPONSE	State Response Sites
HAZNET	
EMI	

### TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

### EDR PROPRIETARY RECORDS

Manufactured Gas Plants\_\_\_\_ EDR Proprietary Manufactured Gas Plants EDR Historical Auto StationsEDR Proprietary Historic Gas Stations EDR Historical Cleaners\_\_\_\_ EDR Proprietary Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

### STATE AND LOCAL RECORDS

**WMUDS/SWAT:** The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.625 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CANYON PARK HOG RANCH	27400 WOODFALL RD	1/4 - 1/2SSW	1	6

**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 04/10/2007 has revealed that there is 1 LUST site within approximately 0.625 miles of the target property.

Lower Elevation	Address	Dist / Dir Map ID	Page
CANYON COUNTRY GAS STATION Facility Status: Leak being confirmed	18003 SOLEDAD CANYON RD	1/2 - 1 WNW 2	7

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 02/27/2007 has revealed that there is 1 ENVIROSTOR site within approximately 1.125 miles of the target property.

Lower Elevation	Address	Dist / Dir Map ID	Page
SOLEDAD CLEANERS	18344 1/2 SOLEDAD CANYO	1/2 - 1 WNW 3	8
Facility Status: Refer: 1248 Local Agency			

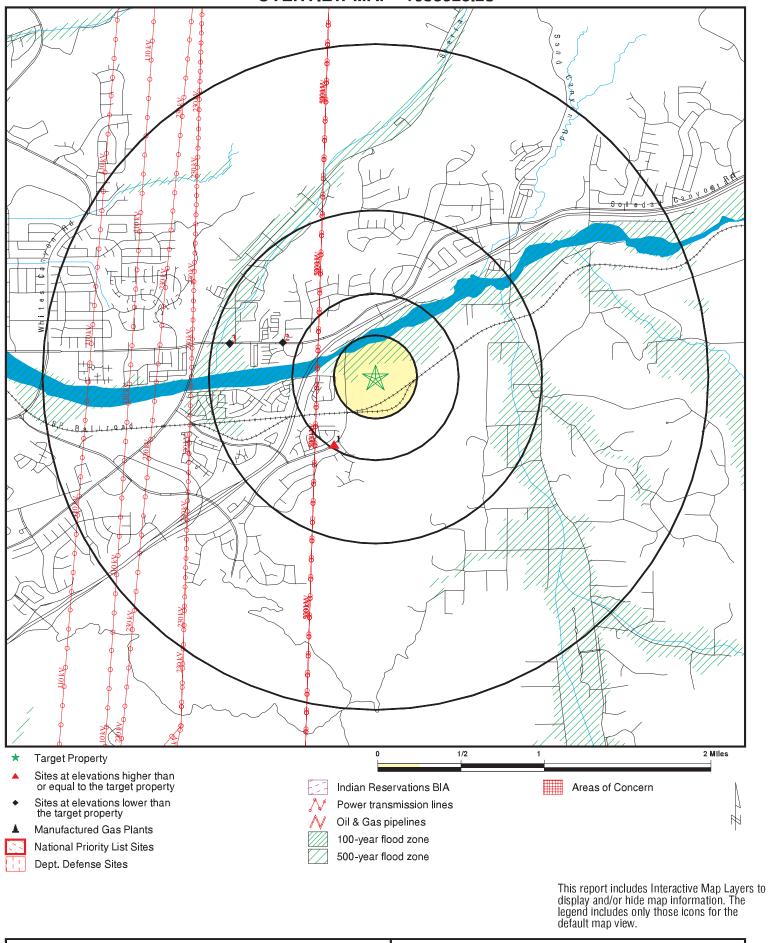
Due to poor or inadequate address information, the following sites were not mapped:

### Site Name

NB HWY 14/NO OF VIA PRINCESIA, 1X MCKESSON DRUG CO DOCKWEILER PROPERTY GOLDEN VALLEY RANCH SCHOOL CANYON ENGINEERING PROD RANDY'S AUTO **K&D AUTOMOTIVE REPAIR** AUSTIN HYDRALULICS FIRESTONE TIRE SVC. CENTER SAFELITE AUTO GLASS AKASAKA EMPRESS GARDEN RESTAURANT AUTO DOCTOR SUSHI CALIFORNIA SUSHI CALIFORNIA PANDA RESTAURANT GROUP INC SHELL OIL #204-7050-0164 AOMORI RESTAURANT SHELL OIL #204-7050-0164 NORTH OAKS SHELL

Database(s) CDL HAZNET, LUST, CHMIRS SLIC SCH, ENVIROSTOR LOS ANGELES CO. HMS LOS ANGELES CO. HMS

**OVERVIEW MAP - 1938528.2s** 

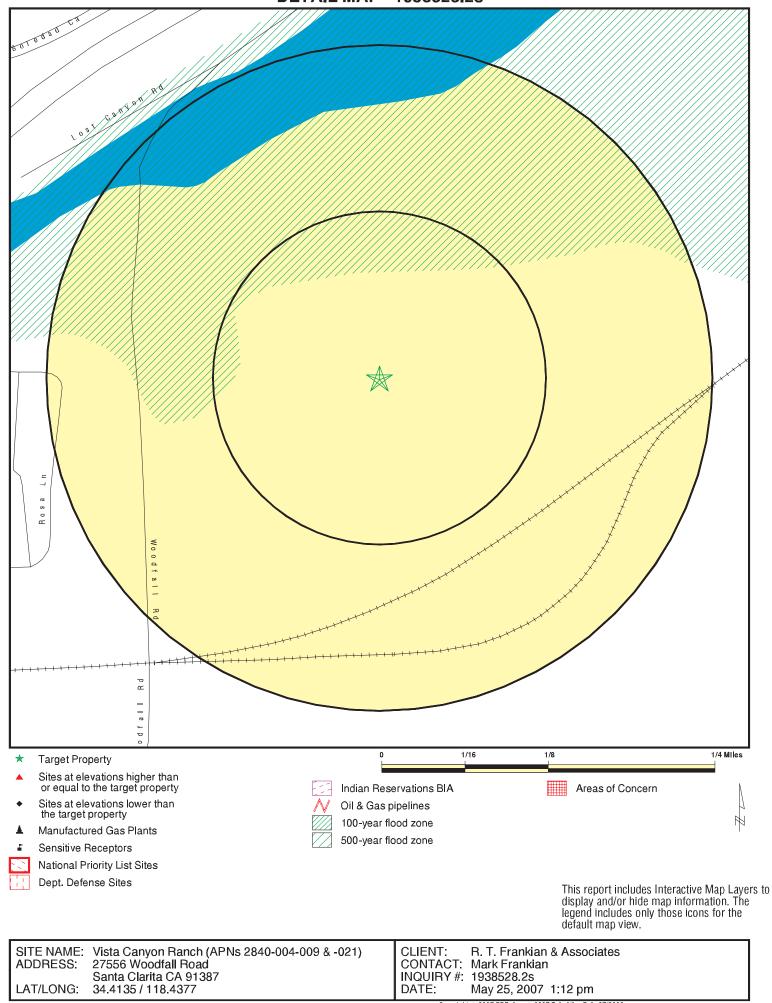


SITE NAME: Vista Canyo ADDRESS: 27556 Wood Santa Clarita LAT/LONG: 34.4135 / 11	CA 91387	CONTACT: INQUIRY #:	R. T. Frankian & Associate Mark Frankian 1938528.2s May 25, 2007 1:12 pm	es

For use with report dated 6/18/2007; RTF job number 2007-019-51

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DETAIL MAP - 1938528.2s



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### **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	<u>1/2 - 1</u>	> 1	Total Plotted
FEDERAL RECORDS								
NPL Proposed NPL Delisted NPL NPL LIENS CERCLIS CERC-NFRAP CORRACTS RCRA TSD RCRA Lg. Quan. Gen. ERNS HMIRS US ENG CONTROLS US INST CONTROL DOD FUDS US BROWNFIELDS CONSENT ROD UMTRA ODI TRIS TSCA FTTS SSTS LIENS 2 RADINFO CDL HIST FTTS ICIS LUCIS LUCIS		$\begin{array}{c} 1.125\\ 1.125\\ 1.125\\ 0.125\\ 0.625\\ 0.625\\ 1.125\\ 0.625\\ 0.375\\ 0.375\\ 0.375\\ 0.125\\ 0.625\\ 1.125\\ 0.625\\ 1.125\\ 1.125\\ 0.625\\ 1.125\\ 0.625\\ 0.125\\ 0.625\\ 0.125\\ 0.$		0 0 0 NR 0 0 0 0 0 NR NR 0 0 0 0 0 0 0 0	0 0 0 <b>N</b> 0 0 0 0 0 <b>N N</b> 0 0 0 0 0 0 0 0 <b>N N N N N N N N N N</b>	0 0 0 R N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 R R R 0 R R R R R R R R 0 0 R 0 0 R	
DOT OPS PADS MLTS MINES FINDS RAATS		0.125 0.125 0.125 0.375 0.125 0.125	0 0 0 0 0	NR NR 0 NR NR	NR NR NR 0 NR NR	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
STATE AND LOCAL RECOR	RDS							
Hist Cal-Sites CA Bond Exp. Plan SCH Toxic Pits State Landfill CA WDS WMUDS/SWAT Cortese		1.125 1.125 0.375 1.125 0.625 0.125 0.625 0.625	0 0 0 0 0 0 0 0	0 0 0 0 NR 0 0	0 0 0 0 NR 1 0	0 0 NR 0 NR 0 0	0 NR 0 NR NR NR	0 0 0 0 0 1

### **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
SWRCY		0.625	0	0	0	0	NR	0
LUST		0.625	0	0	0	1	NR	1
CA FID UST		0.375	0	0	0	NR	NR	0
SLIC		0.625	0	0	0	0	NR	0
AOCONCERN		1.125	0	0	0	0	0	0
UST		0.375	0	0	0	NR	NR	0
HIST UST		0.375	0	0	0	NR	NR	0
AST		0.375	0	0	0	NR	NR	0
SWEEPS UST		0.375	0	0	0	NR	NR	0
CHMIRS		0.125	0	NR	NR	NR	NR	0
Notify 65		1.125	0	0 NR	0 NR	0 NR	0 NR	0 0
LA Co. Site Mitigation DEED		0.125 0.625	0 0	0	0	0	NR	0
VCP		0.625	0	0	0	0	NR	0
DRYCLEANERS		0.375	0	0	0	NR	NR	0
Los Angeles Co. HMS		0.125	0	NR	NR	NR	NR	0
WIP		0.375	0	0	0	NR	NR	ŏ
CDL		0.125	Õ	NR	NR	NR	NR	Õ
RESPONSE		1.125	Õ	0	0	0	0	Õ
HAZNET		0.125	Õ	NR	NR	NR	NR	Õ
EMI		0.125	0	NR	NR	NR	NR	0
ENVIROSTOR		1.125	0	0	0	1	0	1
TRIBAL RECORDS								
INDIAN RESERV		1.125	0	0	0	0	0	0
INDIAN LUST		0.625	Õ	Õ	Õ	Õ	NR	Õ
INDIAN UST		0.375	0	0	0	NR	NR	0
EDR PROPRIETARY RECOR	RDS							
Manufactured Gas Plants EDR Historical Auto Statio EDR Historical Cleaners	ns	1.125 0.375 0.375	0 0 0	0 0 0	0 0 0	0 NR NR	0 NR NR	0 0 0
			-	-	-			-

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID Direction Distance Distance (ft.) Elevation\_\_\_\_\_Site MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

1 SSW	CANYON PARK HC 27400 WOODFALL	RD			WMUDS/SWAT	S104310340 N/A
1/4-1/2 2514 ft.	LOS ANGELES	CA, CA	91351			
Relative:	WMUDS/SWAT:					
Higher	Edit Date:		Not reported			
5	Complexity:		• •	Facilities having no waste treatment systems		
Actual: 1516 ft.			-	dischargers or thosewho must comply throug		
131011.			-	practices, facilities with passive waste treatments, such as septic systems with subsurface		
				aving waste storage systems with land dispo		
			dairy waste p	<b>o o j</b>		
	Primary Waste	e:	Contaminate	d Soil		
	Primary Waste	e Type:	-	nfluent or Solid Wastes that pose a significant		
				because of their high concentrations (E.G., B		
				RF, Chloride). 'Manageable' hazardous wasters and heavy metals) are included in this categories.		
	Secondary Wa	aste:	Not reported		gory.	
	Secondary Wa		Not reported			
	Base Meridian	:	Not reported			
	NPID:		Not reported			
	Tonnage:		0			
	Regional Boar		Not reported			
	Municipal Solic Superorder:	u wasie.	False False			
	Open To Publi	c:	False			
	Waste List:		False			
	Agency Type:		Private			
	Agency Name			NSTRUCTION COMPANY		
	Agency Depar		Not reported			
	Agency Addres Agency City,S		10880 WILSH LOS ANGEL			
	Agency Conta	•	THEODORE			
	Agency Teleph		3104753525			
	Land Owner N	lame:	Not reported			
	Land Owner A		Not reported			
	Land Owner C		Not reported			
	Land Owner C Land Owner P		Not reported Not reported			
	Region:	none.	4			
	Facility Type:			not fall into the category of Municipal/Domest	tiC,	
				ricultural or Solid Waste (Class I, II or III)		
	Facility Descri		Not reported			
	Facility Teleph		8052989207			
	SWAT Facility Primary SIC:	name.	Not reported Not reported			
	Secondary SIC	C:	Not reported			
	Comments:		Not reported			
	Last Facility E		Not reported			
	Waste Dischar	0 ,				
	Solid Waste A		0	False		
	Toxic Pits Clea Resource Con	•	-	False False		
	Department of		COVERY ACL	False		
	Solid Waste A		Test Program:	Not reported		
	Threat to Wate		0	Minor Threat to Water Quality. A violation of	a regional board of	order
				should cause a relatively minor impairment of to a major or minor threat. Not: All nurds with		•

MAP FINDINGS

EDR ID Number Database(s) EPA ID Number

### **CANYON PARK HOG RANCH (Continued)**

### S104310340

	considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Sub Chapter 15:	True
Regional Board Project Officer:	Not reported
Number of WMUDS at Facility:	0
Section Range:	Not reported
RCRA Facility:	No
Waste Discharge Requirements:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	4B566299049
Solid Waste Information ID:	Not reported

#### 2 **CANYON COUNTRY GAS STATION** WNW 18003 SOLEDAD CANYON RD, W 1/2-1 CANYON COUNTRY, CA 91351

3134 ft. Re

Relative:	LUST:	
Lower	Region:	STATE
	Case Type:	Undefined
Actual:	Cross Street:	GALETON RD
1455 ft.	Enf Type:	Not reported
	Funding:	COSTRE
	How Discovered:	Tank Closure
	How Stopped:	New Tank
	Leak Cause:	Not reported
	Leak Source:	D,
	Global Id:	T0603719250
	Stop Date:	Not reported
	Confirm Leak:	1999-06-14 00:00:00
	Workplan:	Not reported
	Prelim Assess:	Not reported
	Pollution Char:	Not reported
	Remed Plan:	Not reported
	Remed Action:	Not reported
	Monitoring:	Not reported
	Close Date:	Not reported
	Discover Date:	1999-06-01 00:00:00
	Enforcement Dt:	Not reported
	Release Date:	1999-06-14 00:00:00
	Review Date:	Not reported
	Enter Date:	Not reported
	MTBE Date:	Not reported
	GW Qualifier:	Not reported
	Soil Qualifier:	Not reported
	Max MTBE GW ppb:	
	Max MTBE Soil ppb:	-
	County:	19
	Org Name:	Not reported
	Reg Board:	Los Angeles Region
	Status:	Leak being confirmed
	Chemical:	Gasoline
	Contact Person:	Not reported
	Responsible Party:	SURINDER SIDHU
	RP Address:	19395 HATHRIDGE LN
	Interim:	Not reported

LUST S108240982 N/A

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

S108240982

### **CANYON COUNTRY GAS STATION (Continued)**

Oversight Prgm:

LOCNL

MTBE Class: MTBE Conc: 0 MTBE Fuel: 1 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed. YR Staff: Staff Initials: RVI Lead Agency: Local Agency Local Agency: 19000 Hydr Basin #: Not reported Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported Work Suspended: Not reported Local Case #: 026872 Not reported Case Number: Not reported Qty Leaked: Abate Method: Not reported Operator: Not reported Water System Name:Not reported Not reported Well Name: Distance To Lust: 0 Waste Discharge Global ID: Not reported Waste Disch Assigned Name: Not reported Summary: Not reported

# 3SOLEDAD CLEANERSWNW18344 1/2 SOLEDAD CANYON RD1/2-1CANYON COUNTRY, CA 91351

4741 ft.

LA Co. Site Mitigati	ion:
Facility ID:	FA0025320
Site ID:	SD000082
Abated:	Yes
Assigned To:	Kim Clark
Entered Date:	12/18/2003
Abated Date:	02/23/2005
	Facility ID: Site ID: Abated: Assigned To: Entered Date:

### ENVIROSTOR:

Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	So Cal - Cypress
Facility ID:	19720041
Site Code:	Not reported
Assembly:	38
Senate:	17
Special Program:	Not reported
Status:	Refer: 1248 Local Agency
Status Date:	2003-12-26 00:00:00
Restricted Use:	NO

### LA Co. Site Mitigation S106797589 ENVIROSTOR N/A

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

S106797589

Funding: Latitude: Longitude:	Not 0 0	Applicable
Alias Name:	0	19720041
Alias Type:		Calsites ID Number
Anas Type. APN <sup>.</sup>		NONE SPECIFIED
APN Description:		Not reported
Comments:		Not reported
Completed Area Name:		Not reported
Completed Sub Area Name.	mo.	Not reported
Completed Document Ty		Not reported
Completed Date:	pc.	Not reported
Confirmed:		NONE SPECIFIED
Confirmed Description:		Not reported
Future Area Name:		Not reported
Future Sub Area Name:		Not reported
Future Document Type:		Not reported
Future Due Date:		Not reported
Media Affected:		NONE SPECIFIED
Media Affected Desc:		Not reported
Management Required:		NONE SPECIFIED
Management Required I	Desc:	Not reported
Potential:		NONE SPECIFIED
Potenital Description:		Not reported
Schedule Area Name:		Not reported
Schedule Sub Area Nam	ne:	Not reported
Schedule Document Typ	e:	Not reported
Schedule Due Date:		Not reported
Schedule Revised Date:		Not reported
PastUse:		NONE SPECIFIED

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SANTA CLARITA	S106484320	DOCKWEILER PROPERTY	DOCKWEILER DR / SIERRA HWY A		SLIC
SANTA CLARITA	S107539489		NB HWY 14/NO OF VIA PRINCESIA,		CDL
SANTA CLARITA	S104734893	RANDY'S AUTO	18007 W SIERRA HWY A		LOS ANGELES CO. HMS
SANTA CLARITA	S103944956	K&D AUTOMOTIVE REPAIR	18009 W SIERRA HWY A		LOS ANGELES CO. HMS
SANTA CLARITA	S103945152	AUSTIN HYDRALULICS	23222 N SIERRA HWY B		LOS ANGELES CO. HMS
SANTA CLARITA	S103945506	FIRESTONE TIRE SVC. CENTER	27125 N SIERRA HWY A		LOS ANGELES CO. HMS
SANTA CLARITA	S103945507	SAFELITE AUTO GLASS	27125 N SIERRA HWY C		LOS ANGELES CO. HMS
SANTA CLARITA	S106915712	AKASAKA	26850 N SIERRA HWY A10		LOS ANGELES CO. HMS
SANTA CLARITA	S102532003	EMPRESS GARDEN RESTAURANT	26850 N SIERRA HWY A10		LOS ANGELES CO. HMS
SANTA CLARITA	S104734894	AUTO DOCTOR	18007 W SIERRA HWY B		LOS ANGELES CO. HMS
SANTA CLARITA	S106854090	SUSHI CALIFORNIA	26913 N SIERRA HWY A2		LOS ANGELES CO. HMS
SANTA CLARITA	S106854091	SUSHI CALIFORNIA	26913 N SIERRA HWY A4		LOS ANGELES CO. HMS
SANTA CLARITA	S106854092	PANDA RESTAURANT GROUP INC	26913 N SIERRA HWY A4		LOS ANGELES CO. HMS
SANTA CLARITA	S105696655	SHELL OIL #204-7050-0164	19223 W SOLEDAD CANYON RD B		LOS ANGELES CO. HMS
SANTA CLARITA	S106853840	AOMORI RESTAURANT	18242 W SOLEDAD CANYON RD		LOS ANGELES CO. HMS
SANTA CLARITA	S105696652	SHELL OIL #204-7050-0164	19223 W SOLEDAD CANYON RD A		LOS ANGELES CO. HMS
SANTA CLARITA	S105696654	NORTH OAKS SHELL	19223 W SOLEDAD CANYON RD A		LOS ANGELES CO. HMS
CANYON COUNTRY	S106665367	GOLDEN VALLEY RANCH SCHOOL	EAST OF 14 FREEWAY/NORTH OF PL	91351	SCH, ENVIROSTOR
LOS ANGELES COUNTY	S105642458	1X MCKESSON DRUG CO	2		HAZNET, LUST, CHMIRS
SANTA CLARITA	S106854001	CANYON ENGINEERING PROD	24773 AVE ROCKEFFELER		LOS ANGELES CO. HMS

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

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

### FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 01/25/2007 Date Data Arrived at EDR: 01/31/2007 Date Made Active in Reports: 03/12/2007 Number of Days to Update: 40 Source: EPA Telephone: N/A Last EDR Contact: 05/03/2007 Next Scheduled EDR Contact: 07/30/2007 Data Release Frequency: Quarterly

### **NPL Site Boundaries**

Sources:

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

EPA Region 1 Telephone 617-918-1143

EPA Region 3 Telephone 215-814-5418

EPA Region 4 Telephone 404-562-8033

EPA Region 5 Telephone 312-886-6686

EPA Region 10 Telephone 206-553-8665

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

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

EPA Region 6

EPA Region 7

EPA Region 8

**EPA Region 9** 

Telephone: 214-655-6659

Telephone: 913-551-7247

Telephone: 303-312-6774

Telephone: 415-947-4246

Date of Government Version: 09/27/2006 Date Data Arrived at EDR: 11/01/2006 Date Made Active in Reports: 11/22/2006 Number of Days to Update: 21 Source: EPA Telephone: N/A Last EDR Contact: 05/03/2007 Next Scheduled EDR Contact: 07/30/2007 Data Release Frequency: Quarterly

#### **DELISTED NPL:** National Priority List Deletions

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

Date of Government Version: 12/28/2006 Date Data Arrived at EDR: 01/31/2007 Date Made Active in Reports: 03/12/2007 Number of Days to Update: 40 Source: EPA Telephone: N/A Last EDR Contact: 05/03/2007 Next Scheduled EDR Contact: 07/30/2007 Data Release Frequency: Quarterly

### NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/21/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: No Update Planned

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

Date of Government Version: 02/27/2007 Date Data Arrived at EDR: 03/21/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 37

Source: EPA Telephone: 703-603-8960 Last EDR Contact: 03/21/2007 Next Scheduled EDR Contact: 06/18/2007 Data Release Frequency: Quarterly

### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 03/21/2007 Date Data Arrived at EDR: 04/27/2007 Date Made Active in Reports: 05/25/2007 Number of Days to Update: 28 Source: EPA Telephone: 703-603-8960 Last EDR Contact: 03/19/2007 Next Scheduled EDR Contact: 06/18/2007 Data Release Frequency: Quarterly

### **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/14/2007 Date Data Arrived at EDR: 03/20/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 38 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 03/05/2007 Next Scheduled EDR Contact: 06/04/2007 Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

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: 06/13/2006 Date Data Arrived at EDR: 06/28/2006 Date Made Active in Reports: 08/23/2006 Number of Days to Update: 56 Source: EPA Telephone: (415) 495-8895 Last EDR Contact: 05/16/2007 Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: Quarterly

### ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2006	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/24/2007	Telephone: 202-267-2180
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 04/24/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 07/23/2007
	Data Release Frequency: Annually

### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 04/17/2007 Date Made Active in Reports: 05/14/2007 Number of Days to Update: 27 Source: U.S. Department of Transportation Telephone: 202-366-4555 Last EDR Contact: 04/17/2007 Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: Annually

### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 04/20/2007 Date Data Arrived at EDR: 04/26/2007 Date Made Active in Reports: 05/25/2007 Number of Days to Update: 29

Source: Environmental Protection Agency Telephone: 703-603-8905 Last EDR Contact: 04/02/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 04/20/2007 Date Data Arrived at EDR: 04/26/2007 Date Made Active in Reports: 05/25/2007 Number of Days to Update: 29 Source: Environmental Protection Agency Telephone: 703-603-8905 Last EDR Contact: 04/02/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Varies

#### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 05/11/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 08/06/2007
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 04/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 07/02/2007
	Data Release Frequency: Varies

### US BROWNFIELDS: A Listing of Brownfields Sites

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 for specified brownfields-related cleanup activities.

Date of Government Version: 04/04/2007 Date Data Arrived at EDR: 04/04/2007 Date Made Active in Reports: 05/25/2007 Number of Days to Update: 51 Source: Environmental Protection Agency Telephone: 202-566-2777 Last EDR Contact: 03/12/2007 Next Scheduled EDR Contact: 06/11/2007 Data Release Frequency: Semi-Annually

#### **CONSENT:** Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 08/23/2006 Date Data Arrived at EDR: 03/06/2007 Date Made Active in Reports: 04/10/2007 Number of Days to Update: 35 Source: Department of Justice, Consent Decree Library Telephone: Varies Last EDR Contact: 04/23/2007 Next Scheduled EDR Contact: 07/23/2007 Data Release Frequency: Varies

### **ROD:** Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 03/27/2007 Date Data Arrived at EDR: 03/27/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 31 Source: EPA Telephone: 703-416-0223 Last EDR Contact: 03/27/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Annually

### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

	Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/08/2006 Date Made Active in Reports: 01/29/2007 Number of Days to Update: 82	Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/17/2007 Next Scheduled EDR Contact: 06/18/2007 Data Release Frequency: Varies
ODI	: Open Dump Inventory An open dump is defined as a disposal facility Subtitle D Criteria.	that does not comply with one or more of the Part 257 or Part 258
	Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004 Number of Days to Update: 39	Source: Environmental Protection Agency Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned
TRIS	5: Toxic Chemical Release Inventory System Toxic Release Inventory System. TRIS identifi land in reportable quantities under SARA Title	es facilities which release toxic chemicals to the air, water and III Section 313.
	Date of Government Version: 12/31/2004 Date Data Arrived at EDR: 06/22/2006 Date Made Active in Reports: 08/23/2006 Number of Days to Update: 62	Source: EPA Telephone: 202-566-0250 Last EDR Contact: 04/27/2007 Next Scheduled EDR Contact: 06/18/2007 Data Release Frequency: Annually
TSC		s manufacturers and importers of chemical substances included on the cludes data on the production volume of these substances by plant
	Date of Government Version: 12/31/2002 Date Data Arrived at EDR: 04/14/2006 Date Made Active in Reports: 05/30/2006 Number of Days to Update: 46	Source: EPA Telephone: 202-260-5521 Last EDR Contact: 04/16/2007 Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: Every 4 Years
FTT	FTTS tracks administrative cases and pesticid	deral Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) e enforcement actions and compliance activities related to FIFRA, Community Right-to-Know Act). To maintain currency, EDR contacts the
	Date of Government Version: 02/26/2007 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007 Number of Days to Update: 40	Source: EPA/Office of Prevention, Pesticides and Toxic Substances Telephone: 202-566-1667 Last EDR Contact: 03/19/2007 Next Scheduled EDR Contact: 06/18/2007 Data Release Frequency: Quarterly
FTT	SINSP: FIFRA/ TSCA Tracking System - FIFR A listing of FIFRA/TSCA Tracking System (FT	A (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) TS) inspections and enforcements.
	Date of Government Version: 02/26/2007 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007 Number of Days to Update: 40	Source: EPA Telephone: 202-566-1667 Last EDR Contact: 03/19/2007 Next Scheduled EDR Contact: 06/18/2007 Data Release Erequency: Quarterly

Data Release Frequency: Quarterly

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 03/13/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 45	Source: EPA Telephone: 202-564-4203 Last EDR Contact: 04/12/2007 Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: Annually
web site as a public service. It contains addre they found chemicals or other items that indic In most cases, the source of the entries is not	e U.S. Department of Justice ("the Department") provides this sses of some locations where law enforcement agencies reported ated the presence of either clandestine drug laboratories or dumpsites. the Department, and the Department has not verified the entry rs of the public must verify the accuracy of all entries by, for example, ealth departments.
Date of Government Version: 12/01/2006 Date Data Arrived at EDR: 01/08/2007 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 3	Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 05/22/2007 Next Scheduled EDR Contact: 06/25/2007 Data Release Frequency: Quarterly
DOT OPS: Incident and Accident Data	

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

Date of Government Version: 02/14/2007	Source: Department of Transporation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/28/2007	Telephone: 202-366-4595
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 02/28/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/28/2007
	Data Release Frequency: Varies

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: No Update Planned

### ICIS: Integrated Compliance Information System

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

Date of Government Version: 02/21/2007 Date Data Arrived at EDR: 04/03/2007 Date Made Active in Reports: 05/14/2007 Number of Days to Update: 41 Source: Environmental Protection Agency Telephone: 202-564-5088 Last EDR Contact: 04/16/2007 Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: Quarterly

#### **RADINFO:** Radiation Information Database

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

Date of Government Version: 05/01/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/03/2007	Telephone: 202-343-9775
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 05/03/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: Quarterly

#### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 31 Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 03/26/2007 Next Scheduled EDR Contact: 06/11/2007 Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

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

Date of Government Version: 03/08/2007 Date Data Arrived at EDR: 04/12/2007 Date Made Active in Reports: 05/14/2007 Number of Days to Update: 32 Source: Environmental Protection Agency Telephone: 202-564-6023 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varies

### PADS: PCB Activity Database System

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

Date of Government Version: 10/17/2006 Date Data Arrived at EDR: 11/29/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 43 Source: EPA Telephone: 202-566-0500 Last EDR Contact: 05/11/2007 Next Scheduled EDR Contact: 08/06/2007 Data Release Frequency: Annually

### MLTS: Material Licensing Tracking System

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

Date of Government Version: 04/05/2007 Date Data Arrived at EDR: 04/25/2007 Date Made Active in Reports: 05/25/2007 Number of Days to Update: 30 Source: Nuclear Regulatory Commission Telephone: 301-415-7169 Last EDR Contact: 04/02/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Quarterly

#### MINES: Mines Master Index File

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

Date of Government Version: 02/06/2007 Date Data Arrived at EDR: 03/28/2007 Date Made Active in Reports: 05/14/2007 Number of Days to Update: 47 Source: Department of Labor, Mine Safety and Health Administration Telephone: 303-231-5959 Last EDR Contact: 03/28/2007 Next Scheduled EDR Contact: 06/25/2007 Data Release Frequency: Semi-Annually

#### FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 01/18/2007 Date Data Arrived at EDR: 01/23/2007 Date Made Active in Reports: 02/27/2007 Number of Days to Update: 35 Source: EPA Telephone: (415) 947-8000 Last EDR Contact: 05/14/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Quarterly

### RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995 Number of Days to Update: 35 Source: EPA Telephone: 202-564-4104 Last EDR Contact: 03/05/2007 Next Scheduled EDR Contact: 06/04/2007 Data Release Frequency: No Update Planned

### BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 03/06/2007 Date Made Active in Reports: 04/13/2007 Number of Days to Update: 38 Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 03/06/2007 Next Scheduled EDR Contact: 06/11/2007 Data Release Frequency: Biennially

### STATE AND LOCAL RECORDS

#### HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/26/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/28/2007
	Data Release Frequency: No Update Planned

#### CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989 Date Data Arrived at EDR: 07/27/1994 Date Made Active in Reports: 08/02/1994 Number of Days to Update: 6 Source: Department of Health Services Telephone: 916-255-2118 Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

### SCH: School Property Evaluation Program

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

Date of Government Version: 02/27/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/28/2007	Telephone: 916-323-3400
Date Made Active in Reports: 04/06/2007	Last EDR Contact: 02/28/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/28/2007
	Data Release Frequency: Quarterly

#### TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 04/30/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 03/12/2007 Date Data Arrived at EDR: 03/15/2007 Date Made Active in Reports: 04/06/2007 Number of Days to Update: 22 Source: Integrated Waste Management Board Telephone: 916-341-6320 Last EDR Contact: 03/15/2007 Next Scheduled EDR Contact: 06/11/2007 Data Release Frequency: Quarterly

### WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000 Date Data Arrived at EDR: 04/10/2000 Date Made Active in Reports: 05/10/2000 Number of Days to Update: 30 Source: State Water Resources Control Board Telephone: 916-227-4448 Last EDR Contact: 03/05/2007 Next Scheduled EDR Contact: 06/04/2007 Data Release Frequency: Quarterly

#### CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 03/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/21/2007	Telephone: 916-341-5227
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 03/21/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Quarterly

#### CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 04/01/2001 Date Data Arrived at EDR: 05/29/2001 Date Made Active in Reports: 07/26/2001 Number of Days to Update: 58	Source: CAL EPA/Office of Emergency Information Telephone: 916-323-3400 Last EDR Contact: 04/23/2007 Next Scheduled EDR Contact: 07/23/2007
	Data Release Frequency: No Update Planned
SWRCY: Recycler Database A listing of recycling facilities in California.	
Date of Government Version: 04/09/2007 Date Data Arrived at EDR: 04/11/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 16	Source: Department of Conservation Telephone: 916-323-3836 Last EDR Contact: 04/11/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Quarterly
<b>LUST REG 9:</b> Leaking Underground Storage Tank Orange, Riverside, San Diego counties. For n Control Board's LUST database.	Report nore current information, please refer to the State Water Resources
Date of Government Version: 03/01/2001 Date Data Arrived at EDR: 04/23/2001 Date Made Active in Reports: 05/21/2001 Number of Days to Update: 28	Source: California Regional Water Quality Control Board San Diego Region (9) Telephone: 858-637-5595 Last EDR Contact: 04/12/2007 Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: No Update Planned
LUST REG 8: Leaking Underground Storage Tank California Regional Water Quality Control Board's to the State Water Resources Control Board's	ard Santa Ana Region (8). For more current information, please refer
Date of Government Version: 02/14/2005 Date Data Arrived at EDR: 02/15/2005 Date Made Active in Reports: 03/28/2005 Number of Days to Update: 41	Source: California Regional Water Quality Control Board Santa Ana Region (8) Telephone: 909-782-4496 Last EDR Contact: 05/07/2007 Next Scheduled EDR Contact: 08/06/2007 Data Release Frequency: Varies
LUST REG 6V: Leaking Underground Storage Tar Leaking Underground Storage Tank locations	nk Case Listing . Inyo, Kern, Los Angeles, Mono, San Bernardino counties.
Date of Government Version: 06/07/2005 Date Data Arrived at EDR: 06/07/2005 Date Made Active in Reports: 06/29/2005 Number of Days to Update: 22	Source: California Regional Water Quality Control Board Victorville Branch Office (6) Telephone: 760-241-7365 Last EDR Contact: 04/02/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: No Update Planned
LUST REG 6L: Leaking Underground Storage Tar For more current information, please refer to the	nk Case Listing the State Water Resources Control Board's LUST database.
Date of Government Version: 09/09/2003 Date Data Arrived at EDR: 09/10/2003 Date Made Active in Reports: 10/07/2003 Number of Days to Update: 27	Source: California Regional Water Quality Control Board Lahontan Region (6) Telephone: 530-542-5572 Last EDR Contact: 03/05/2007 Next Scheduled EDR Contact: 06/04/2007 Data Release Frequency: No Update Planned
Dorado, Fresno, Glenn, Kern, Kings, Lake, La	s Database 5. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El assen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, tanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.
Date of Government Version: 04/01/2007 Date Data Arrived at EDR: 04/25/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 15	Source: California Regional Water Quality Control Board Central Valley Region (5) Telephone: 916-464-4834 Last EDR Contact: 04/25/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.		
Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004 Number of Days to Update: 35	Source: California Regional Water Quality Control Board Los Angeles Region (4) Telephone: 213-576-6710 Last EDR Contact: 03/27/2007 Next Scheduled EDR Contact: 06/25/2007 Data Release Frequency: No Update Planned	
LUST REG 3: Leaking Underground Storage Tanl Leaking Underground Storage Tank locations	k Database s. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.	
Date of Government Version: 05/19/2003 Date Data Arrived at EDR: 05/19/2003 Date Made Active in Reports: 06/02/2003 Number of Days to Update: 14	Source: California Regional Water Quality Control Board Central Coast Region (3) Telephone: 805-542-4786 Last EDR Contact: 05/14/2007 Next Scheduled EDR Contact: 08/13/2007 Data Release Frequency: No Update Planned	
LUST REG 2: Fuel Leak List Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.		
Date of Government Version: 09/30/2004 Date Data Arrived at EDR: 10/20/2004 Date Made Active in Reports: 11/19/2004 Number of Days to Update: 30	Source: California Regional Water Quality Control Board San Francisco Bay Region (2) Telephone: 510-622-2433 Last EDR Contact: 04/06/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Quarterly	
LUST REG 1: Active Toxic Site Investigation Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.		
Date of Government Version: 02/01/2001 Date Data Arrived at EDR: 02/28/2001 Date Made Active in Reports: 03/29/2001 Number of Days to Update: 29	Source: California Regional Water Quality Control Board North Coast (1) Telephone: 707-570-3769 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: No Update Planned	
<b>LUST:</b> Geotracker's Leaking Underground Fuel Tank Report Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.		
Date of Government Version: 04/10/2007 Date Data Arrived at EDR: 04/11/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 16	Source: State Water Resources Control Board Telephone: N/A Last EDR Contact: 04/11/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Quarterly	

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 05/21/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: No Update Planned

	ns a historical listing of active and inactive underground storage e Control Board. Refer to local/county source for current data.
Date of Government Version: 10/31/1994 Date Data Arrived at EDR: 09/05/1995 Date Made Active in Reports: 09/29/1995 Number of Days to Update: 24	Source: California Environmental Protection Agency Telephone: 916-341-5851 Last EDR Contact: 12/28/1998 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned
SLIC: Statewide SLIC Cases The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	Cleanup) program is designed to protect and restore water quality
Date of Government Version: 04/10/2007 Date Data Arrived at EDR: 04/11/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 16	Source: State Water Resources Control Board Telephone: 866-480-1028 Last EDR Contact: 04/11/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Varies
SLIC REG 1: Active Toxic Site Investigations The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	Cleanup) program is designed to protect and restore water quality
Date of Government Version: 04/03/2003 Date Data Arrived at EDR: 04/07/2003 Date Made Active in Reports: 04/25/2003 Number of Days to Update: 18	Source: California Regional Water Quality Control Board, North Coast Region (1) Telephone: 707-576-2220 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: No Update Planned
SLIC REG 2: Spills, Leaks, Investigation & Clean The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	up Cost Recovery Listing Cleanup) program is designed to protect and restore water quality
Date of Government Version: 09/30/2004 Date Data Arrived at EDR: 10/20/2004 Date Made Active in Reports: 11/19/2004 Number of Days to Update: 30	Source: Regional Water Quality Control Board San Francisco Bay Region (2) Telephone: 510-286-0457 Last EDR Contact: 04/06/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Quarterly
SLIC REG 3: Spills, Leaks, Investigation & Clean The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	up Cost Recovery Listing Cleanup) program is designed to protect and restore water quality
Date of Government Version: 05/18/2006 Date Data Arrived at EDR: 05/18/2006 Date Made Active in Reports: 06/15/2006 Number of Days to Update: 28	Source: California Regional Water Quality Control Board Central Coast Region (3) Telephone: 805-549-3147 Last EDR Contact: 05/14/2007 Next Scheduled EDR Contact: 08/13/2007 Data Release Frequency: Semi-Annually
SLIC REG 4: Spills, Leaks, Investigation & Clean The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	up Cost Recovery Listing Cleanup) program is designed to protect and restore water quality
Date of Government Version: 11/17/2004 Date Data Arrived at EDR: 11/18/2004 Date Made Active in Reports: 01/04/2005 Number of Days to Update: 47	Source: Region Water Quality Control Board Los Angeles Region (4) Telephone: 213-576-6600 Last EDR Contact: 04/23/2007 Next Scheduled EDR Contact: 07/23/2007 Data Release Frequency: Varies

Next Scheduled EDR Contact: 07/23/2007 Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleant The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	up Cost Recovery Listing Cleanup) program is designed to protect and restore water quality
Date of Government Version: 04/01/2005 Date Data Arrived at EDR: 04/05/2005 Date Made Active in Reports: 04/21/2005 Number of Days to Update: 16	Source: Regional Water Quality Control Board Central Valley Region (5) Telephone: 916-464-3291 Last EDR Contact: 04/05/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Semi-Annually
SLIC REG 6V: Spills, Leaks, Investigation & Clear The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	nup Cost Recovery Listing Cleanup) program is designed to protect and restore water quality
Date of Government Version: 05/24/2005 Date Data Arrived at EDR: 05/25/2005 Date Made Active in Reports: 06/16/2005 Number of Days to Update: 22	Source: Regional Water Quality Control Board, Victorville Branch Telephone: 619-241-6583 Last EDR Contact: 04/02/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Semi-Annually
SLIC REG 6L: SLIC Sites The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	Cleanup) program is designed to protect and restore water quality
Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004 Number of Days to Update: 35	Source: California Regional Water Quality Control Board, Lahontan Region Telephone: 530-542-5574 Last EDR Contact: 03/05/2007 Next Scheduled EDR Contact: 06/04/2007 Data Release Frequency: No Update Planned
SLIC REG 7: SLIC List The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	Cleanup) program is designed to protect and restore water quality
Date of Government Version: 11/24/2004 Date Data Arrived at EDR: 11/29/2004 Date Made Active in Reports: 01/04/2005 Number of Days to Update: 36	Source: California Regional Quality Control Board, Colorado River Basin Region Telephone: 760-346-7491 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: No Update Planned
SLIC REG 8: Spills, Leaks, Investigation & Clean The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	up Cost Recovery Listing Cleanup) program is designed to protect and restore water quality
Date of Government Version: 04/06/2006 Date Data Arrived at EDR: 04/06/2006 Date Made Active in Reports: 05/11/2006 Number of Days to Update: 35	Source: California Region Water Quality Control Board Santa Ana Region (8) Telephone: 951-782-3298 Last EDR Contact: 04/03/2007 Next Scheduled EDR Contact: 07/03/2007 Data Release Frequency: Semi-Annually
SLIC REG 9: Spills, Leaks, Investigation & Clean The SLIC (Spills, Leaks, Investigations and C from spills, leaks, and similar discharges.	up Cost Recovery Listing Cleanup) program is designed to protect and restore water quality
Date of Government Version: 03/13/2007 Date Data Arrived at EDR: 03/14/2007 Date Made Active in Reports: 04/06/2007 Number of Days to Lindate: 23	Source: California Regional Water Quality Control Board San Diego Region (9) Telephone: 858-467-2980 Last EDR Contact: 03/12/2007 Next Scheduled EDR Contact: 05/28/2007

Next Scheduled EDR Contact: 05/28/2007 Data Release Frequency: Annually

TC1938528.2s Page GR-13

Number of Days to Update: 23

UST: Active UST Facilities Active UST facilities gathered from the local reg	gulatory agencies	
Date of Government Version: 04/10/2007 Date Data Arrived at EDR: 04/11/2007 Date Made Active in Reports: 05/03/2007 Number of Days to Update: 22	Source: SWRCB Telephone: 916-480-1028 Last EDR Contact: 04/11/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Semi-Annually	
UST MENDOCINO: Mendocino County UST Databa A listing of underground storage tank locations		
Date of Government Version: 02/05/2007 Date Data Arrived at EDR: 02/06/2007 Date Made Active in Reports: 03/21/2007 Number of Days to Update: 43	Source: Department of Public Health Telephone: 707-463-4466 Last EDR Contact: 03/26/2007 Next Scheduled EDR Contact: 06/25/2007 Data Release Frequency: Varies	
HIST UST: Hazardous Substance Storage Containe The Hazardous Substance Storage Container I source for current data.	er Database Database is a historical listing of UST sites. Refer to local/county	
Date of Government Version: 10/15/1990 Date Data Arrived at EDR: 01/25/1991 Date Made Active in Reports: 02/12/1991 Number of Days to Update: 18	Source: State Water Resources Control Board Telephone: 916-341-5851 Last EDR Contact: 07/26/2001 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned	
AST: Aboveground Petroleum Storage Tank Facilitie Registered Aboveground Storage Tanks.	es	
Date of Government Version: 05/01/2007 Date Data Arrived at EDR: 05/01/2007 Date Made Active in Reports: 05/25/2007 Number of Days to Update: 24	Source: State Water Resources Control Board Telephone: 916-341-5712 Last EDR Contact: 04/30/2007 Next Scheduled EDR Contact: 07/30/2007 Data Release Frequency: Quarterly	
SWEEPS UST: SWEEPS UST Listing Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.		
Date of Government Version: 06/01/1994 Date Data Arrived at EDR: 07/07/2005 Date Made Active in Reports: 08/11/2005 Number of Days to Update: 35	Source: State Water Resources Control Board Telephone: N/A Last EDR Contact: 06/03/2005 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned	
CHMIRS: California Hazardous Material Incident Report System California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).		
Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/23/2007 Date Made Active in Reports: 04/06/2007 Number of Days to Update: 42	Source: Office of Emergency Services Telephone: 916-845-8400 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varies	
<b>NOTIFY 65:</b> Proposition 65 Records Proposition 65 Notification Records. NOTIFY 6 drinking water and thereby expose the public to	5 contains facility notifications about any release which could impact o a potential health risk.	

Date of Government Version: 10/21/1993 Date Data Arrived at EDR: 11/01/1993 Date Made Active in Reports: 11/19/1993 Number of Days to Update: 18 Source: State Water Resources Control Board Telephone: 916-445-3846 Last EDR Contact: 04/12/2007 Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

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

Date of Government Version: 04/03/2007SourceDate Data Arrived at EDR: 04/05/2007TelepDate Made Active in Reports: 04/27/2007Last ENumber of Days to Update: 22Next S

Source: Department of Toxic Substances Control Telephone: 916-323-3400 Last EDR Contact: 04/05/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Semi-Annually

### VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 02/27/2007 Date Data Arrived at EDR: 02/28/2007 Date Made Active in Reports: 04/06/2007 Number of Days to Update: 37 Source: Department of Toxic Substances Control Telephone: 916-323-3400 Last EDR Contact: 02/28/2007 Next Scheduled EDR Contact: 05/28/2007 Data Release Frequency: Quarterly

### **DRYCLEANERS:** Cleaner Facilities

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

Date of Government Version: 04/18/2005 Date Data Arrived at EDR: 04/18/2005 Date Made Active in Reports: 05/06/2005 Number of Days to Update: 18

Source: Department of Toxic Substance Control Telephone: 916-327-4498 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

Date of Government Version: 03/01/2007 Date Data Arrived at EDR: 03/13/2007 Date Made Active in Reports: 04/06/2007 Number of Days to Update: 24 Source: Los Angeles Water Quality Control Board Telephone: 213-576-6726 Last EDR Contact: 04/27/2007 Next Scheduled EDR Contact: 07/23/2007 Data Release Frequency: Varies

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 03/07/2007 Date Made Active in Reports: 04/06/2007 Number of Days to Update: 30 Source: Department of Toxic Substances Control Telephone: 916-255-6504 Last EDR Contact: 04/23/2007 Next Scheduled EDR Contact: 07/23/2007 Data Release Frequency: Varies

### **RESPONSE:** State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 02/27/2007 Date Data Arrived at EDR: 02/28/2007 Date Made Active in Reports: 04/06/2007 Number of Days to Update: 37 Source: Department of Toxic Substances Control Telephone: 916-323-3400 Last EDR Contact: 02/28/2007 Next Scheduled EDR Contact: 05/28/2007 Data Release Frequency: Quarterly

### HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2005	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 11/20/2006	Telephone: 916-255-1136
Date Made Active in Reports: 01/03/2007	Last EDR Contact: 05/11/2007
Number of Days to Update: 44	Next Scheduled EDR Contact: 08/06/2007
	Data Release Frequency: Annually

#### EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 04/17/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 23 Source: California Air Resources Board Telephone: 916-322-2990 Last EDR Contact: 04/17/2007 Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: Varies

### ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 02/27/2007 Date Data Arrived at EDR: 02/28/2007 Date Made Active in Reports: 04/06/2007 Number of Days to Update: 37 Source: Department of Toxic Substances Control Telephone: 916-323-3400 Last EDR Contact: 02/28/2007 Next Scheduled EDR Contact: 05/28/2007 Data Release Frequency: Quarterly

### TRIBAL RECORDS

### **INDIAN RESERV:** Indian Reservations

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

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006	Source: USGS Telephone: 202-208-3710	
Date Made Active in Reports: 01/11/2007 Number of Days to Update: 339	Last EDR Contact: 05/11/2007 Next Scheduled EDR Contact: 08/06/2007 Data Release Frequency: Semi-Annually	
INDIAN LUST R10: Leaking Underground Storag LUSTs on Indian land in Alaska, Idaho, Ore	-	
Date of Government Version: 03/01/2007 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/04/2007 Number of Days to Update: 34	Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Quarterly	
INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada		
Date of Government Version: 03/30/2007 Date Data Arrived at EDR: 03/30/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 28	Source: Environmental Protection Agency Telephone: 415-972-3372 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Quarterly	
INDIAN LUST R1: Leaking Underground Storage A listing of leaking underground storage tan		
Date of Government Version: 12/01/2006 Date Data Arrived at EDR: 12/01/2006 Date Made Active in Reports: 01/29/2007 Number of Days to Update: 59	Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varies	
INDIAN LUST R8: Leaking Underground Storage LUSTs on Indian land in Colorado, Montana	e Tanks on Indian Land a, North Dakota, South Dakota, Utah and Wyoming.	
Date of Government Version: 02/19/2007 Date Data Arrived at EDR: 02/27/2007 Date Made Active in Reports: 04/04/2007 Number of Days to Update: 36	Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Quarterly	
INDIAN LUST R7: Leaking Underground Storage LUSTs on Indian land in Iowa, Kansas, and		
Date of Government Version: 09/06/2006 Date Data Arrived at EDR: 10/04/2006 Date Made Active in Reports: 11/08/2006 Number of Days to Update: 35	Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varies	
INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.		
Date of Government Version: 01/04/2005 Date Data Arrived at EDR: 01/21/2005 Date Made Active in Reports: 02/28/2005 Number of Days to Update: 38	Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varies	

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.		
Date of Government Version: 03/20/2007 Date Data Arrived at EDR: 04/16/2007 Date Made Active in Reports: 05/14/2007 Number of Days to Update: 28	Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Semi-Annually	
INDIAN UST R1: Underground Storage Tanks on I A listing of underground storage tank location:		
Date of Government Version: 12/01/2006 Date Data Arrived at EDR: 12/01/2006 Date Made Active in Reports: 01/29/2007 Number of Days to Update: 59	Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varies	
INDIAN UST R8: Underground Storage Tanks on Indian Land		
Date of Government Version: 02/19/2007 Date Data Arrived at EDR: 02/27/2007 Date Made Active in Reports: 04/04/2007 Number of Days to Update: 36	Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Quarterly	
INDIAN UST R5: Underground Storage Tanks on I	Indian Land	
Date of Government Version: 12/02/2004 Date Data Arrived at EDR: 12/29/2004 Date Made Active in Reports: 02/04/2005 Number of Days to Update: 37	Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varies	
INDIAN UST R9: Underground Storage Tanks on Indian Land		
Date of Government Version: 03/26/2007 Date Data Arrived at EDR: 03/27/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 31	Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Quarterly	
INDIAN UST R7: Underground Storage Tanks on Indian Land		
Date of Government Version: 09/06/2006 Date Data Arrived at EDR: 10/04/2006 Date Made Active in Reports: 11/08/2006 Number of Days to Update: 35	Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varies	
INDIAN UST R6: Underground Storage Tanks on I	Indian Land	
Date of Government Version: 01/11/2007 Date Data Arrived at EDR: 01/12/2007	Source: EPA Region 6 Telephone: 214-665-7591	

Last EDR Contact: 05/21/2007

Next Scheduled EDR Contact: 08/20/2007

Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date Made Active in Reports: 01/29/2007

Number of Days to Update: 17

Date of Government Version: 03/20/2007 Date Data Arrived at EDR: 04/16/2007 Date Made Active in Reports: 05/14/2007 Number of Days to Update: 28

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Semi-Annually

### INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 03/01/2007	Source: EPA Region 10
Date Data Arrived at EDR: 03/01/2007	Telephone: 206-553-2857
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Quarterly

#### EDR PROPRIETARY RECORDS

### Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

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

### EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

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

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

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

#### EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

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

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

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

### COUNTY RECORDS

### ALAMEDA COUNTY:

#### **Contaminated Sites**

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

Date of Government Version: 04/24/2007 Date Data Arrived at EDR: 04/26/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 14 Source: Alameda County Environmental Health Services Telephone: 510-567-6700 Last EDR Contact: 04/23/2007 Next Scheduled EDR Contact: 07/23/2007 Data Release Frequency: Semi-Annually

### **Underground Tanks**

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/24/2007	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 04/26/2007	Telephone: 510-567-6700
Date Made Active in Reports: 05/07/2007	Last EDR Contact: 04/23/2007
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/23/2007
	Data Release Frequency: Semi-Annually

### CONTRA COSTA COUNTY:

### Site List

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

Date of Government Version: 02/27/2007 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/06/2007 Number of Days to Update: 36 Source: Contra Costa Health Services Department Telephone: 925-646-2286 Last EDR Contact: 02/26/2007 Next Scheduled EDR Contact: 05/28/2007 Data Release Frequency: Semi-Annually

### FRESNO COUNTY:

#### **CUPA Resources List**

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

Date of Government Version: 04/09/2007 Date Data Arrived at EDR: 04/10/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 17 Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 05/07/2007 Next Scheduled EDR Contact: 08/06/2007 Data Release Frequency: Semi-Annually

### **KERN COUNTY:**

### Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 04/13/2007 Date Data Arrived at EDR: 04/16/2007 Date Made Active in Reports: 05/07/2007 Number of Days to Update: 21 Source: Kern County Environment Health Services Department Telephone: 661-862-8700 Last EDR Contact: 04/12/2007 Next Scheduled EDR Contact: 06/04/2007 Data Release Frequency: Quarterly

### LOS ANGELES COUNTY:

### San Gabriel Valley Areas of Concern

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

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 07/07/1999 Date Made Active in Reports: N/A Number of Days to Update: 0 Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 05/16/2006 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

### **HMS: Street Number List**

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/31/2007	Source: Department of Public Works
Date Data Arrived at EDR: 04/12/2007	Telephone: 626-458-3517
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 05/14/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/13/2007
	Data Release Frequency: Semi-Annually

### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 02/13/2007	Source: La County Department of Public Works
Date Data Arrived at EDR: 03/09/2007	Telephone: 818-458-5185
Date Made Active in Reports: 04/06/2007	Last EDR Contact: 05/16/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/13/2007
	Data Release Frequency: Varies

### City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2007 Date Data Arrived at EDR: 03/27/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 31 Source: Engineering & Construction Division Telephone: 213-473-7869 Last EDR Contact: 03/14/2007 Next Scheduled EDR Contact: 06/11/2007 Data Release Frequency: Varies

#### **Site Mitigation List**

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

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 05/14/2007
Next Scheduled EDR Contact: 08/13/2007
Data Release Frequency: Annually

#### City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 12/14/2006 Date Data Arrived at EDR: 12/15/2006 Date Made Active in Reports: 01/23/2007 Number of Days to Update: 39 Source: City of El Segundo Fire Department Telephone: 310-524-2236 Last EDR Contact: 05/14/2007 Next Scheduled EDR Contact: 08/13/2007 Data Release Frequency: Semi-Annually

### City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003 Date Data Arrived at EDR: 10/23/2003 Date Made Active in Reports: 11/26/2003 Number of Days to Update: 34 Source: City of Long Beach Fire Department Telephone: 562-570-2563 Last EDR Contact: 02/19/2007 Next Scheduled EDR Contact: 05/21/2007 Data Release Frequency: Annually

#### City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/20/2007 Date Data Arrived at EDR: 02/21/2007 Date Made Active in Reports: 03/21/2007 Number of Days to Update: 28 Source: City of Torrance Fire Department Telephone: 310-618-2973 Last EDR Contact: 05/14/2007 Next Scheduled EDR Contact: 08/13/2007 Data Release Frequency: Semi-Annually

#### MARIN COUNTY:

#### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/26/2007 Date Data Arrived at EDR: 02/20/2007 Date Made Active in Reports: 03/21/2007 Number of Days to Update: 29 Source: Public Works Department Waste Management Telephone: 415-499-6647 Last EDR Contact: 04/30/2007 Next Scheduled EDR Contact: 07/30/2007 Data Release Frequency: Semi-Annually

# NAPA COUNTY:

#### **Sites With Reported Contamination**

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

Date of Government Version: 04/09/2007SDate Data Arrived at EDR: 04/10/2007TDate Made Active in Reports: 04/27/2007LNumber of Days to Update: 17N

Source: Napa County Department of Environmental Management Telephone: 707-253-4269 Last EDR Contact: 04/09/2007 Next Scheduled EDR Contact: 06/25/2007 Data Release Frequency: Semi-Annually

#### **Closed and Operating Underground Storage Tank Sites**

Underground storage tank sites located in Napa county.

Date of Government Version: 04/09/2007	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 04/10/2007	Telephone: 707-253-4269
Date Made Active in Reports: 04/24/2007	Last EDR Contact: 04/09/2007
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/25/2007
	Data Release Frequency: Annually

# ORANGE COUNTY:

#### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 03/01/2007 Date Data Arrived at EDR: 03/20/2007 Date Made Active in Reports: 04/06/2007 Number of Days to Update: 17 Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 03/07/2007 Next Scheduled EDR Contact: 06/04/2007 Data Release Frequency: Annually

## List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/2007 Date Data Arrived at EDR: 03/20/2007 Date Made Active in Reports: 04/06/2007 Number of Days to Update: 17 Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 03/07/2007 Next Scheduled EDR Contact: 06/04/2007 Data Release Frequency: Quarterly

#### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 03/01/2007 Date Data Arrived at EDR: 03/20/2007 Date Made Active in Reports: 04/12/2007 Number of Days to Update: 23 Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 03/07/2007 Next Scheduled EDR Contact: 06/04/2007 Data Release Frequency: Quarterly

#### PLACER COUNTY:

#### **Master List of Facilities**

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/04/2007 Date Data Arrived at EDR: 04/05/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 22 Source: Placer County Health and Human Services Telephone: 530-889-7312 Last EDR Contact: 03/19/2007 Next Scheduled EDR Contact: 06/18/2007 Data Release Frequency: Semi-Annually

## **RIVERSIDE COUNTY:**

## Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/06/2007	Source: Department of Public Health
Date Data Arrived at EDR: 02/07/2007	Telephone: 951-358-5055
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 04/16/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 07/16/2007
	Data Release Frequency: Quarterly

#### **Underground Storage Tank Tank List**

Underground storage tank sites located in Riverside county.

Date of Government Version: 02/06/2007 Date Data Arrived at EDR: 02/07/2007	Source: Health Services Agency Telephone: 951-358-5055
Date Made Active in Reports: 03/21/2007	Last EDR Contact: 04/16/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

#### **Contaminated Sites**

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

Date of Government Version: 01/31/2007	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/16/2007	Telephone: 916-875-8406
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 05/01/2007
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: Quarterly

#### **ML - Regulatory Compliance Master List**

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

Date of Government Version: 01/31/2007 Date Data Arrived at EDR: 02/15/2007 Date Made Active in Reports: 02/27/2007 Number of Days to Update: 12 Source: Sacramento County Environmental Management Telephone: 916-875-8406 Last EDR Contact: 05/01/2007 Next Scheduled EDR Contact: 07/30/2007 Data Release Frequency: Quarterly

#### SAN BERNARDINO COUNTY:

#### **Hazardous Material Permits**

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

Date of Government Version: 03/23/2007 Date Data Arrived at EDR: 03/27/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 31 Source: San Bernardino County Fire Department Hazardous Materials Division Telephone: 909-387-3041 Last EDR Contact: 03/05/2007 Next Scheduled EDR Contact: 06/04/2007 Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

#### Hazardous Materials Management Division Database

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

Date of Government Version: 05/16/2005 Date Data Arrived at EDR: 05/18/2005 Date Made Active in Reports: 06/16/2005 Number of Days to Update: 29 Source: Hazardous Materials Management Division Telephone: 619-338-2268 Last EDR Contact: 04/05/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Quarterly

#### **Solid Waste Facilities**

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2006 Date Data Arrived at EDR: 01/03/2007 Date Made Active in Reports: 01/24/2007 Number of Days to Update: 21 Source: Department of Health Services Telephone: 619-338-2209 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varies

## **Environmental Case Listing**

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

Date of Government Version: 03/29/2007 Date Data Arrived at EDR: 04/24/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 16 Source: San Diego County Department of Environmental Health Telephone: 619-338-2371 Last EDR Contact: 04/04/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Varies

## SAN FRANCISCO COUNTY:

#### **Local Oversite Facilities**

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

Date of Government Version: 03/08/2007 Date Data Arrived at EDR: 03/13/2007 Date Made Active in Reports: 04/06/2007 Number of Days to Update: 24

Source: Department Of Public Health San Francisco County Telephone: 415-252-3920 Last EDR Contact: 03/05/2007 Next Scheduled EDR Contact: 06/04/2007 Data Release Frequency: Quarterly

#### **Underground Storage Tank Information**

Underground storage tank sites located in San Francisco county.

Date of Government Version: 03/08/2007 Date Data Arrived at EDR: 03/13/2007 Date Made Active in Reports: 04/12/2007 Number of Days to Update: 30 Source: Department of Public Health Telephone: 415-252-3920 Last EDR Contact: 03/05/2007 Next Scheduled EDR Contact: 06/04/2007 Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

#### San Joaquin Co. UST

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

Date of Government Version: 04/06/2007 Date Data Arrived at EDR: 04/10/2007 Date Made Active in Reports: 04/24/2007 Number of Days to Update: 14 Source: Environmental Health Department Telephone: N/A Last EDR Contact: 04/02/2007 Next Scheduled EDR Contact: 04/16/2007 Data Release Frequency: Semi-Annually

# SAN MATEO COUNTY:

#### **Business Inventory**

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

Date of Government Version: 04/30/2007 Date Data Arrived at EDR: 05/01/2007 Date Made Active in Reports: 05/25/2007 Number of Days to Update: 24 Source: San Mateo County Environmental Health Services Division Telephone: 650-363-1921 Last EDR Contact: 04/09/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Annually

#### **Fuel Leak List**

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

Date of Government Version: 04/11/2007	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 04/12/2007	Telephone: 650-363-1921
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 04/09/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/09/2007
	Data Release Frequency: Semi-Annually

## SANTA CLARA COUNTY:

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

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

Date of Government Version: 03/29/2005 Date Data Arrived at EDR: 03/30/2005 Date Made Active in Reports: 04/21/2005 Number of Days to Update: 22 Source: Santa Clara Valley Water District Telephone: 408-265-2600 Last EDR Contact: 03/26/2007 Next Scheduled EDR Contact: 06/25/2007 Data Release Frequency: No Update Planned

## LOP Listing

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

Date of Government Version: 03/26/2007 Date Data Arrived at EDR: 03/27/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 31 Source: Department of Environmental Health Telephone: 408-918-3417 Last EDR Contact: 03/26/2007 Next Scheduled EDR Contact: 06/25/2007 Data Release Frequency: Varies

#### **Hazardous Material Facilities**

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 04/03/2007 Date Data Arrived at EDR: 04/04/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 23 Source: City of San Jose Fire Department Telephone: 408-277-4659 Last EDR Contact: 03/19/2007 Next Scheduled EDR Contact: 06/04/2007 Data Release Frequency: Annually

#### SOLANO COUNTY:

#### Leaking Underground Storage Tanks

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

Date of Government Version: 03/26/2007 Date Data Arrived at EDR: 04/16/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 24 Source: Solano County Department of Environmental Management Telephone: 707-784-6770 Last EDR Contact: 03/26/2007 Next Scheduled EDR Contact: 06/25/2007 Data Release Frequency: Quarterly

#### **Underground Storage Tanks**

Underground storage tank sites located in Solano county.

Date of Government Version: 03/26/2007	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 04/18/2007	Telephone: 707-784-6770
Date Made Active in Reports: 05/07/2007	Last EDR Contact: 03/26/2007
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/25/2007
	Data Release Frequency: Quarterly

# SONOMA COUNTY:

#### Leaking Underground Storage Tank Sites

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

Date of Government Version: 04/23/2007 Date Data Arrived at EDR: 04/24/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 16 Source: Department of Health Services Telephone: 707-565-6565 Last EDR Contact: 04/23/2007 Next Scheduled EDR Contact: 07/23/2007 Data Release Frequency: Quarterly

## SUTTER COUNTY:

#### **Underground Storage Tanks**

Underground storage tank sites located in Sutter county.

Date of Government Version: 05/04/2007 Date Data Arrived at EDR: 05/04/2007 Date Made Active in Reports: 05/24/2007 Number of Days to Update: 20 Source: Sutter County Department of Agriculture Telephone: 530-822-7500 Last EDR Contact: 05/04/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Semi-Annually

## **VENTURA COUNTY:**

#### Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

# **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

Date of Government Version: 03/28/2007 Date Data Arrived at EDR: 04/25/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 15 Source: Ventura County Environmental Health Division Telephone: 805-654-2813 Last EDR Contact: 04/11/2007 Next Scheduled EDR Contact: 06/11/2007 Data Release Frequency: Quarterly

## Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 08/01/2006	Source: Environmental Health Division
Date Data Arrived at EDR: 09/05/2006	Telephone: 805-654-2813
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 05/21/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Annually

## Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/28/2007	Source: Environmental Health Division
Date Data Arrived at EDR: 03/23/2007	Telephone: 805-654-2813
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 03/14/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/11/2007
	Data Release Frequency: Quarterly

#### **Underground Tank Closed Sites List**

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

Date of Government Version: 03/28/2007 Date Data Arrived at EDR: 04/24/2007 Date Made Active in Reports: 05/07/2007 Number of Days to Update: 13 Source: Environmental Health Division Telephone: 805-654-2813 Last EDR Contact: 04/10/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Quarterly

#### YOLO COUNTY:

# Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 02/05/2007 Date Data Arrived at EDR: 02/20/2007 Date Made Active in Reports: 03/21/2007 Number of Days to Update: 29 Source: Yolo County Department of Health Telephone: 530-666-8646 Last EDR Contact: 04/30/2007 Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: Annually

#### **OTHER DATABASE(S)**

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

#### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004 Date Data Arrived at EDR: 02/17/2006 Date Made Active in Reports: 04/07/2006 Number of Days to Update: 49 Source: Department of Environmental Protection Telephone: 860-424-3375 Last EDR Contact: 03/16/2007 Next Scheduled EDR Contact: 06/11/2007 Data Release Frequency: Annually

# **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

NJ MANIFEST: Manifest Information Hazardous waste manifest information.	
Date of Government Version: 04/01/2007 Date Data Arrived at EDR: 04/05/2007 Date Made Active in Reports: 05/08/2007 Number of Days to Update: 33	Source: Department of Environmental Protection Telephone: N/A Last EDR Contact: 04/05/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Annually
NY MANIFEST: Facility and Manifest Data Manifest is a document that lists and tracks h facility.	azardous waste from the generator through transporters to a TSD
Date of Government Version: 10/26/2006 Date Data Arrived at EDR: 11/29/2006 Date Made Active in Reports: 01/05/2007 Number of Days to Update: 37	Source: Department of Environmental Conservation Telephone: 518-402-8651 Last EDR Contact: 03/02/2007 Next Scheduled EDR Contact: 05/28/2007 Data Release Frequency: Annually
<b>PA MANIFEST:</b> Manifest Information Hazardous waste manifest information.	
Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 03/17/2006 Date Made Active in Reports: 06/06/2006 Number of Days to Update: 81	Source: Department of Environmental Protection Telephone: N/A Last EDR Contact: 04/16/2007 Next Scheduled EDR Contact: 06/11/2007 Data Release Frequency: Annually
<b>RI MANIFEST:</b> Manifest information Hazardous waste manifest information	
Date of Government Version: 04/09/2007 Date Data Arrived at EDR: 04/12/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 15	Source: Department of Environmental Management Telephone: 401-222-2797 Last EDR Contact: 03/19/2007 Next Scheduled EDR Contact: 06/18/2007 Data Release Frequency: Annually
WI MANIFEST: Manifest Information Hazardous waste manifest information.	
Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 03/17/2006 Date Made Active in Reports: 05/02/2006 Number of Days to Update: 46	Source: Department of Natural Resources Telephone: N/A Last EDR Contact: 04/24/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Annually

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

## **Electric Power Transmission Line Data**

Source: 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.

# **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

#### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

#### **Nursing Homes**

Source: National Institutes of Health

Telephone: 301-594-6248

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

# Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

#### **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

# Daycare Centers: Licensed Facilities

Source: Department of Social Services Telephone: 916-657-4041

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 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 and 2005 from the U.S. Fish and Wildlife Service.

#### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

#### STREET AND ADDRESS INFORMATION

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# **GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM**

## TARGET PROPERTY ADDRESS

VISTA CANYON RANCH (APNS 2840-004-009 & -021) 27556 WOODFALL ROAD SANTA CLARITA, CA 91387

# TARGET PROPERTY COORDINATES

Latitude (North):	34.41350 - 34° 24' 48.6''
Longitude (West):	118.4377 - 118° 26' 15.7"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	367870.2
UTM Y (Meters):	3808746.8
Elevation:	1482 ft. above sea level

#### USGS TOPOGRAPHIC MAP

Target Property Map:	34118-D4 MINT CANYON, CA
Most Recent Revision:	1994

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

Assessment of the impact of contaminant migration generally has two 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.

# **GROUNDWATER FLOW DIRECTION INFORMATION**

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

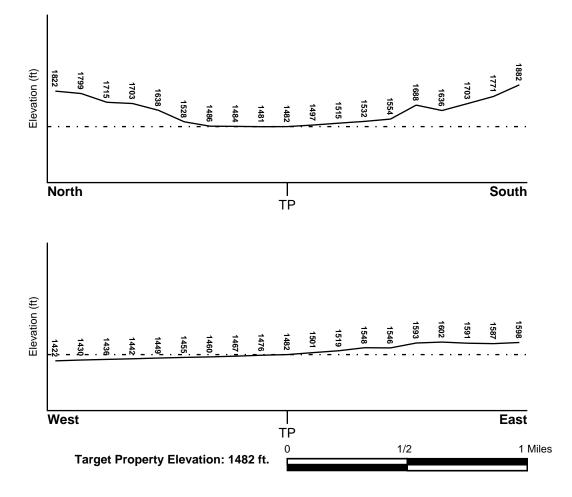
# **TOPOGRAPHIC INFORMATION**

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

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

# HYDROLOGIC INFORMATION

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

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

#### FEMA FLOOD ZONE

Target Property County LOS ANGELES, CA	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	0650430480B
Additional Panels in search area:	0607290365C 0650430365B 0607290480C
NATIONAL WETLAND INVENTORY	
NWI Quad at Target Property MINT CANYON	NWI Electronic <u>Data Coverage</u> Not Available

# HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:			
Search Radius:	1.25 miles		
Status:	Not found		

#### **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

MAP ID Not Reported LOCATION FROM TP GENERAL DIRECTION GROUNDWATER FLOW

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

# **GROUNDWATER FLOW VELOCITY INFORMATION**

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

# **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

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

## **ROCK STRATIGRAPHIC UNIT**

## **GEOLOGIC AGE IDENTIFICATION**

Era:	Cenozoic	Category:	Continental Deposits
System:	Tertiary		
Series:	Miocene		
Code:	Tmc (decoded above as Era, System & S	eries)	

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:	CIENEBA			
Soil Surface Texture:	loam			
Hydrologic Group:	Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.			
Soil Drainage Class:	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
Deptil to Deulock Max.	~ ZU IIIUIIU3

	Soil Layer Information							
Boundary				Classification				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)	
1	0 inches	10 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.30 Min: 5.10	
2	10 inches	14 inches	weathered 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:	gravelly - sandy loam silty clay loam unweathered bedrock very gravelly - sandy loam gravelly - loam very gravelly - silt loam very fine sandy loam sandy loam
Surficial Soil Types:	gravelly - sandy loam silty clay loam unweathered bedrock very gravelly - sandy loam gravelly - loam very gravelly - silt loam very fine sandy loam sandy loam
Shallow Soil Types:	very gravelly - silt loam
Deeper Soil Types:	unweathered bedrock

# LOCAL / REGIONAL WATER AGENCY RECORDS

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

## WELL SEARCH DISTANCE INFORMATION

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

# FEDERAL USGS WELL INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
No Wells Found		

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

# STATE DATABASE WELL INFORMATION

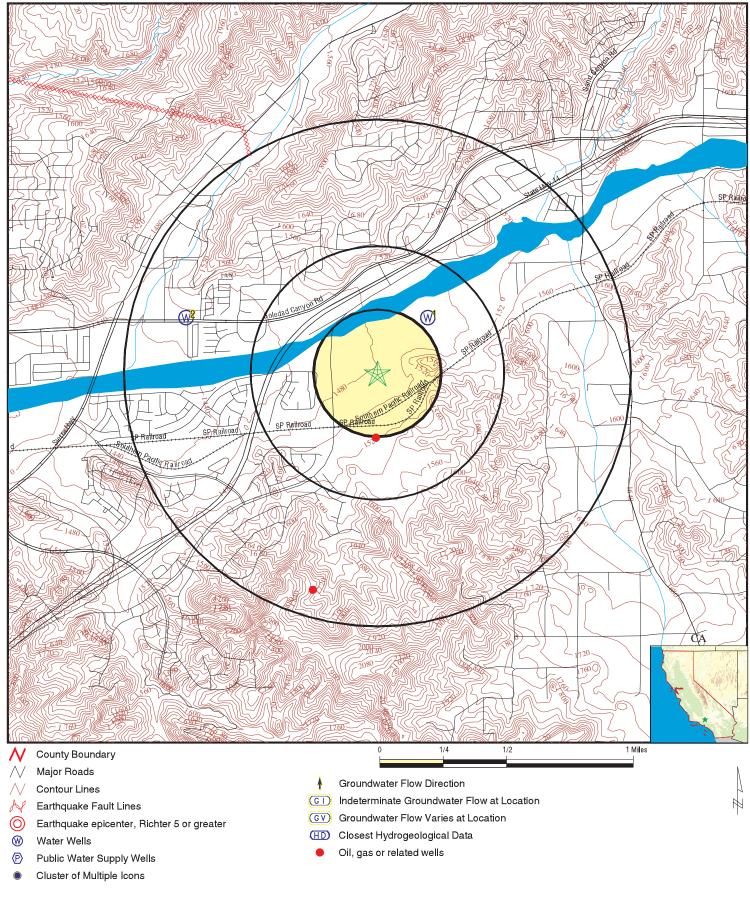
MAP ID	WELL ID	LOCATION FROM TP
1 2	4513 4509	1/4 - 1/2 Mile NE 1/2 - 1 Mile WNW

# **OTHER STATE DATABASE INFORMATION**

# STATE OIL/GAS WELL INFORMATION

DISTANCE FROM TP (Miles) 1/4 - 1/2 Mile South DISTANCE FROM TP (Miles) 1/2 - 1 Mile SSW

# PHYSICAL SETTING SOURCE MAP - 1938528.2s



	ADDRESS:	Vista Canyon Ranch (APNs 2840-004-009 & -021) 27556 Woodfall Road Santa Clarita CA 91387 34.4135 / 118.4377	CONTACT: INQUIRY #:	R. T. Frankian & Associates Mark Frankian 1938528.2s May 25, 2007 1:12 pm
For use with report dated 6/18/2007; RTF job number 2007-019-51				t © 2007 EDR, Inc. © 2007 Tele Atlas Rel. 07/2006.

Map ID Direction				
Distance Elevation			Database	EDR ID Number
1 NE 1/4 - 1/2 Mile Higher			CA WELLS	4513
Water System Information Prime Station Code: FRDS Number: District Number: Water Type: Source Lat/Long: Source Name: System Number: System Name: Organization That Opera	04N/15W-22J01 S 1910017012 07 Well/Groundwater 342500.0 1182600.0 MITCHELL 1910017 SANTA CLARITA WATER CO. ates System: P.O. BOX 903	User ID: County: Station Type: Well Status: Precision:	4TH Los Angeles WELL/AMBNT/MUN/INTAK Active Untreated Undefined	E/SUPPLY
Pop Served: Area Served: Sample Collected: Chemical:	SANTA CLARITA, CA 91380 49500 SAUGUS 03/01/2000 00:00:00 NITRATE (AS NO3)	Connections: Findings:	19503 17.8 MG/L	
Sample Collected: Chemical:	06/07/2000 00:00:00 URANIUM (PCI/L)	Findings:	3.65 PCI/L	
Sample Collected: Chemical:	06/07/2000 00:00:00 URANIUM COUNTING ERROR	Findings:	.056 PCI/L	
Sample Collected: Chemical:	06/07/2000 00:00:00 GROSS ALPHA	Findings:	7.8 PCI/L	
Sample Collected: Chemical:	06/07/2000 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	2.5 PCI/L	
Sample Collected: Chemical:	06/07/2000 00:00:00 GROSS BETA	Findings:	8.2 PCI/L	
Sample Collected: Chemical:	06/07/2000 00:00:00 GROSS BETA COUNTING ERROR	Findings:	5.3 PCI/L	
Sample Collected: Chemical:	09/13/2000 00:00:00 GROSS ALPHA	Findings:	5 PCI/L	
Sample Collected: Chemical:	09/13/2000 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	2 PCI/L	
Sample Collected: Chemical:	09/13/2000 00:00:00 GROSS BETA	Findings:	7 PCI/L	
Sample Collected: Chemical:	09/13/2000 00:00:00 GROSS BETA COUNTING ERROR	Findings:	2 PCI/L	
Sample Collected: Chemical:	02/20/2002 00:00:00 NITRATE (AS NO3)	Findings:	21.9 MG/L	
Sample Collected: Chemical:	02/20/2002 00:00:00 TURBIDITY, LABORATORY	Findings:	4 NTU	

	25/22/2222 22 22 22 22		0000 110/
Sample Collected: Chemical:	05/06/2002 00:00:00 BORON	Findings:	2200 UG/L
Sample Collected: Chemical:	05/06/2002 00:00:00 VANADIUM	Findings:	6.2 UG/L
Sample Collected: Chemical:	12/18/2002 00:00:00 NITRATE (AS NO3)	Findings:	19 MG/L
Sample Collected: Chemical:	03/05/2003 00:00:00 NITRATE (AS NO3)	Findings:	18.7 MG/L
Sample Collected: Chemical:	04/28/2003 00:00:00 NITRATE (AS NO3)	Findings:	17.3 MG/L
Sample Collected: Chemical:	03/03/2004 00:00:00 NITRATE (AS NO3)	Findings:	18.1 MG/L
Sample Collected: Chemical:	08/03/2005 00:00:00 NITRATE (AS NO3)	Findings:	16.9 MG/L
Sample Collected: Chemical:	08/03/2005 00:00:00 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.4
Sample Collected: Chemical:	09/15/2005 00:00:00 GROSS ALPHA	Findings:	3.9 PCI/L
Sample Collected: Chemical:	09/15/2005 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	2.1 PCI/L
Sample Collected: Chemical:	09/15/2005 00:00:00 URANIUM (UG/L)	Findings:	3.6 UG/L
Sample Collected: Chemical:	09/15/2005 00:00:00 URANIUM (PCI/L)	Findings:	2.41 PCI/L
Sample Collected: Chemical:	02/03/1999 00:00:00 NITRATE (AS NO3)	Findings:	10.6 MG/L
Sample Collected: Chemical:	05/04/1999 00:00:00 SPECIFIC CONDUCTANCE	Findings:	763 US
Sample Collected: Chemical:	05/04/1999 00:00:00 PH, LABORATORY	Findings:	7.49
Sample Collected: Chemical:	05/04/1999 00:00:00 ALKALINITY (TOTAL) AS CACO3	Findings:	245 MG/L
Sample Collected: Chemical:	05/04/1999 00:00:00 BICARBONATE ALKALINITY	Findings:	299 MG/L
Sample Collected: Chemical:	05/04/1999 00:00:00 HARDNESS (TOTAL) AS CACO3	Findings:	262 MG/L
Sample Collected: Chemical:	05/04/1999 00:00:00 CALCIUM	Findings:	74 MG/L
Sample Collected: Chemical:	05/04/1999 00:00:00 MAGNESIUM	Findings:	19 MG/L
Sample Collected: Chemical:	05/04/1999 00:00:00 SODIUM	Findings:	62 MG/L
Sample Collected: Chemical:	05/04/1999 00:00:00 POTASSIUM	Findings:	2.7 MG/L

Sample Collected: Chemical:	05/04/1999 00:00:00 CHLORIDE	Findings:	51.2 MG/L
Sample Collected: Chemical:	05/04/1999 00:00:00 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.3 MG/L
Sample Collected: Chemical:	05/04/1999 00:00:00 ARSENIC	Findings:	3.9 UG/L
Sample Collected: Chemical:	11/14/2000 00:00:00 GROSS ALPHA	Findings:	4.58 PCI/L
Sample Collected: Chemical:	11/14/2000 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	1.93 PCI/L
Sample Collected: Chemical:	11/14/2000 00:00:00 GROSS BETA	Findings:	6.35 PCI/L
Sample Collected: Chemical:	11/14/2000 00:00:00 GROSS BETA COUNTING ERROR	Findings:	2.33 PCI/L
Sample Collected: Chemical:	11/14/2000 00:00:00 URANIUM (PCI/L)	Findings:	4.53 PCI/L
Sample Collected: Chemical:	11/14/2000 00:00:00 URANIUM COUNTING ERROR	Findings:	1.3 PCI/L
Sample Collected: Chemical:	02/28/2001 00:00:00 NITRATE (AS NO3)	Findings:	22.6 MG/L
Sample Collected: Chemical:	03/20/2001 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	1.91 PCI/L
Sample Collected: Chemical:	03/20/2001 00:00:00 GROSS BETA	Findings:	4.97 PCI/L
Sample Collected: Chemical:	03/20/2001 00:00:00 GROSS BETA COUNTING ERROR	Findings:	1.87 PCI/L
Sample Collected: Chemical:	06/14/2001 00:00:00 NITRATE (AS NO3)	Findings:	15.4 MG/L
Sample Collected: Chemical:	07/18/2001 00:00:00 NITRATE (AS NO3)	Findings:	15.6 MG/L
Sample Collected: Chemical:	08/20/2001 00:00:00 GROSS ALPHA	Findings:	4.6 PCI/L
Sample Collected: Chemical:	08/20/2001 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	.9 PCI/L
Sample Collected: Chemical:	08/20/2001 00:00:00 GROSS BETA	Findings:	3.2 PCI/L
Sample Collected: Chemical:	08/20/2001 00:00:00 GROSS BETA COUNTING ERROR	Findings:	1.6 PCI/L
Sample Collected: Chemical:	12/12/2001 00:00:00 NITRATE (AS NO3)	Findings:	20 MG/L
Sample Collected: Chemical:	02/20/2002 00:00:00 COLOR	Findings:	10 UNITS
Sample Collected: Chemical:	02/20/2002 00:00:00 SPECIFIC CONDUCTANCE	Findings:	1194 US

Sample Collected: Chemical:	02/20/2002 00:00:00 PH, LABORATORY	Findings:	7.35
Sample Collected: Chemical:	02/20/2002 00:00:00 ALKALINITY (TOTAL) AS CACO3	Findings:	313 MG/L
Sample Collected: Chemical:	02/20/2002 00:00:00 BICARBONATE ALKALINITY	Findings:	382 MG/L
Sample Collected: Chemical:	02/20/2002 00:00:00 HARDNESS (TOTAL) AS CACO3	Findings:	480 MG/L
Sample Collected: Chemical:	02/20/2002 00:00:00 CALCIUM	Findings:	136 MG/L
Sample Collected: Chemical:	02/20/2002 00:00:00 MAGNESIUM	Findings:	34 MG/L
Sample Collected: Chemical:	02/20/2002 00:00:00 SODIUM	Findings:	111 MG/L
Sample Collected: Chemical:	02/20/2002 00:00:00 POTASSIUM	Findings:	3.9 MG/L
Sample Collected: Chemical:	02/20/2002 00:00:00 CHLORIDE	Findings:	101 MG/L
Sample Collected: Chemical:	02/20/2002 00:00:00 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.3 MG/L
Sample Collected: Chemical:	02/20/2002 00:00:00 ARSENIC	Findings:	2.8 UG/L
Sample Collected: Chemical:	02/20/2002 00:00:00 TOTAL DISSOLVED SOLIDS	Findings:	807 MG/L
Sample Collected: Chemical:	02/20/2002 00:00:00 LANGELIER INDEX @ 60 C	Findings:	1.09
Sample Collected: Chemical:	05/15/2002 00:00:00 NITRATE (AS NO3)	Findings:	17.7 MG/L
Sample Collected: Chemical:	07/03/2002 00:00:00 BORON	Findings:	1500 UG/L
Sample Collected: Chemical:	08/21/2002 00:00:00 NITRATE (AS NO3)	Findings:	18.1 MG/L
Sample Collected: Chemical:	10/30/2002 00:00:00 BORON	Findings:	1900 UG/L
Sample Collected: Chemical:	05/13/2004 00:00:00 NITRATE (AS NO3)	Findings:	16.1 MG/L
Sample Collected: Chemical:	07/14/2004 00:00:00 NITRATE (AS NO3)	Findings:	16.2 MG/L
Sample Collected: Chemical:	11/09/2004 00:00:00 NITRATE (AS NO3)	Findings:	16.6 MG/L
Sample Collected: Chemical:	03/30/2005 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	1.6 PCI/L
Sample Collected: Chemical:	03/30/2005 00:00:00 GROSS BETA COUNTING ERROR	Findings:	1.2 PCI/L

Sample Collected: Chemical:	03/30/2005 00:00:00 RADIUM 228 COUNTING ERROR	Findings:	.5 PCI/L
Sample Collected: Chemical:	04/06/2005 00:00:00 SPECIFIC CONDUCTANCE	Findings:	495 US
Sample Collected: Chemical:	04/06/2005 00:00:00 PH, LABORATORY	Findings:	7.83
Sample Collected: Chemical:	04/06/2005 00:00:00 ALKALINITY (TOTAL) AS CACO3	Findings:	163 MG/L
Sample Collected: Chemical:	04/06/2005 00:00:00 BICARBONATE ALKALINITY	Findings:	199 MG/L
Sample Collected: Chemical:	04/06/2005 00:00:00 HARDNESS (TOTAL) AS CACO3	Findings:	180 MG/L
Sample Collected: Chemical:	04/06/2005 00:00:00 CALCIUM	Findings:	49 MG/L
Sample Collected: Chemical:	04/06/2005 00:00:00 MAGNESIUM	Findings:	13 MG/L
Sample Collected: Chemical:	04/06/2005 00:00:00 SODIUM	Findings:	57 MG/L
Sample Collected: Chemical:	04/06/2005 00:00:00 POTASSIUM	Findings:	2.5 MG/L
Sample Collected: Chemical:	04/06/2005 00:00:00 CHLORIDE	Findings:	22 MG/L
Sample Collected: Chemical:	04/06/2005 00:00:00 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.4 MG/L
Sample Collected: Chemical:	04/06/2005 00:00:00 TOTAL DISSOLVED SOLIDS	Findings:	328 MG/L
Sample Collected: Chemical:	04/06/2005 00:00:00 LANGELIER INDEX @ 60 C	Findings:	.9
Sample Collected: Chemical:	04/06/2005 00:00:00 NITRATE (AS NO3)	Findings:	7.1 MG/L
Sample Collected: Chemical:	04/06/2005 00:00:00 TURBIDITY, LABORATORY	Findings:	.25 NTU
Sample Collected: Chemical:	04/06/2005 00:00:00 NITRATE + NITRITE (AS N)	Findings:	1603 UG/L
Sample Collected: Chemical:	04/07/2005 00:00:00 ARSENIC	Findings:	2.1 UG/L
Sample Collected: Chemical:	05/04/2005 00:00:00 NITRATE (AS NO3)	Findings:	7.8 MG/L
Sample Collected: Chemical:	06/16/2005 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	1.8 PCI/L
Sample Collected: Chemical:	06/16/2005 00:00:00 RADIUM 228 COUNTING ERROR	Findings:	.48 PCI/L
Sample Collected: Chemical:	11/02/2005 00:00:00 NITRATE (AS NO3)	Findings:	21 MG/L

Sample Collected: Chemical:	12/07/2005 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	1.8 PCI/L
Sample Collected: Chemical:	02/08/2006 00:00:00 NITRATE (AS NO3)	Findings:	10.5 MG/L
Sample Collected: Chemical:	06/16/2006 00:00:00 NITRATE (AS NO3)	Findings:	9.3 MG/L
Sample Collected: Chemical:	08/09/2006 00:00:00 NITRATE (AS NO3)	Findings:	14.4 MG/L
Sample Collected: Chemical:	05/04/1999 00:00:00 TOTAL DISSOLVED SOLIDS	Findings:	493 MG/L
Sample Collected: Chemical:	05/04/1999 00:00:00 LANGELIER INDEX @ 60 C	Findings:	.89
Sample Collected: Chemical:	05/04/1999 00:00:00 NITRATE (AS NO3)	Findings:	10.3 MG/L
Sample Collected: Chemical:	05/04/1999 00:00:00 TURBIDITY, LABORATORY	Findings:	.04 NTU
Sample Collected: Chemical:	05/04/1999 00:00:00 NITRATE + NITRITE (AS N)	Findings:	2330 UG/L

# 2 WNW 1/2 - 1 Mile Lower

#### CA WELLS 4509

Water System Information:

Prime Station Code: FRDS Number: District Number: Water Type: Source Lat/Long: Source Name: System Number: System Name:	04N/15W-21K01 S 1910017019 07 Well/Groundwater 342500.0 1182700.0 SIERRA 1910017 SANTA CLARITA WATER CO.	User ID: County: Station Type: Well Status: Precision:	4TH Los Angeles WELL/AMBNT/MUN/INTAKE/SUPPLY Active Untreated Undefined
Organization That Opera	ates System:		
	P.O. BOX 903 SANTA CLARITA, CA 91380		
Pop Served:	49500	Connections:	19503
Area Served:	SAUGUS		
Sample Collected: Chemical:	03/20/2001 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	2.13 PCI/L
Sample Collected: Chemical:	03/20/2001 00:00:00 GROSS BETA	Findings:	9.01 PCI/L
		<b>—</b>	0 7 DOI#
Sample Collected: Chemical:	03/20/2001 00:00:00 GROSS BETA COUNTING ERROR	Findings:	2.7 PCI/L
Sample Collected: Chemical:	05/13/2004 00:00:00 TOTAL DISSOLVED SOLIDS	Findings:	860 MG/L
Sample Collected: Chemical:	05/13/2004 00:00:00 LANGELIER INDEX AT SOURCE TEM	Findings: IP.	1.12

Sample Collected: Chemical:	05/13/2004 00:00:00 NITRATE (AS NO3)	Findings:	38.5 MG/L
Sample Collected: Chemical:	05/13/2004 00:00:00 TURBIDITY, LABORATORY	Findings:	.1 NTU
Sample Collected: Chemical:	05/13/2004 00:00:00 NITRATE + NITRITE (AS N)	Findings:	8694 UG/L
Sample Collected: Chemical:	06/15/2004 00:00:00 NITRATE (AS NO3)	Findings:	38.5 MG/L
Sample Collected: Chemical:	07/14/2004 00:00:00 NITRATE (AS NO3)	Findings:	38.2 MG/L
Sample Collected: Chemical:	08/04/2004 00:00:00 NITRATE (AS NO3)	Findings:	38.8 MG/L
Sample Collected: Chemical:	09/09/2004 00:00:00 NITRATE (AS NO3)	Findings:	34.8 MG/L
Sample Collected: Chemical:	10/05/2004 00:00:00 NITRATE (AS NO3)	Findings:	35.5 MG/L
Sample Collected: Chemical:	10/05/2004 00:00:00 NITRATE (AS NO3)	Findings:	33.9 MG/L
Sample Collected: Chemical:	11/09/2004 00:00:00 NITRATE (AS NO3)	Findings:	34.7 MG/L
Sample Collected: Chemical:	11/09/2004 00:00:00 NITRATE (AS NO3)	Findings:	33.9 MG/L
Sample Collected: Chemical:	12/08/2004 00:00:00 NITRATE (AS NO3)	Findings:	31.9 MG/L
Sample Collected: Chemical:	12/08/2004 00:00:00 NITRATE (AS NO3)	Findings:	39 MG/L
Sample Collected: Chemical:	01/04/2005 00:00:00 NITRATE (AS NO3)	Findings:	35.6 MG/L
Sample Collected: Chemical:	01/04/2005 00:00:00 NITRATE (AS NO3)	Findings:	34 MG/L
Sample Collected: Chemical:	03/16/2005 00:00:00 NITRATE (AS NO3)	Findings:	7 MG/L
Sample Collected: Chemical:	03/23/2005 00:00:00 NITRATE (AS NO3)	Findings:	8.4 MG/L
Sample Collected: Chemical:	03/30/2005 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	1.5 PCI/L
Sample Collected: Chemical:	03/30/2005 00:00:00 GROSS BETA COUNTING ERROR	Findings:	1.5 PCI/L
Sample Collected: Chemical:	03/30/2005 00:00:00 RADIUM 228 COUNTING ERROR	Findings:	.5 PCI/L
Sample Collected: Chemical:	08/03/2005 00:00:00 NITRATE (AS NO3)	Findings:	10.2 MG/L
Sample Collected: Chemical:	08/03/2005 00:00:00 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.3

Sample Collected: Chemical:	08/03/2005 00:00:00 NITRATE (AS NO3)	Findings:	9.2 MG/L
Sample Collected: Chemical:	09/07/2005 00:00:00 NITRATE (AS NO3)	Findings:	10.8 MG/L
Sample Collected: Chemical:	09/15/2005 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	1.6 PCI/L
Sample Collected: Chemical:	10/05/2005 00:00:00 NITRATE (AS NO3)	Findings:	10.9 MG/L
Sample Collected: Chemical:	11/02/2005 00:00:00 NITRATE (AS NO3)	Findings:	10.3 MG/L
Sample Collected: Chemical:	12/07/2005 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	1.5 PCI/L
Sample Collected: Chemical:	06/14/2001 00:00:00 NITRATE (AS NO3)	Findings:	40.2 MG/L
Sample Collected: Chemical:	06/26/2001 00:00:00 GROSS BETA	Findings:	7.2 PCI/L
Sample Collected: Chemical:	06/26/2001 00:00:00 GROSS BETA COUNTING ERROR	Findings:	1.86 PCI/L
Sample Collected: Chemical:	07/18/2001 00:00:00 SPECIFIC CONDUCTANCE	Findings:	1145 US
Sample Collected: Chemical:	07/18/2001 00:00:00 PH, LABORATORY	Findings:	7.5
Sample Collected: Chemical:	07/18/2001 00:00:00 ALKALINITY (TOTAL) AS CACO3	Findings:	272 MG/L
Sample Collected: Chemical:	07/18/2001 00:00:00 BICARBONATE ALKALINITY	Findings:	332 MG/L
Sample Collected: Chemical:	07/18/2001 00:00:00 HARDNESS (TOTAL) AS CACO3	Findings:	524 MG/L
Sample Collected: Chemical:	07/18/2001 00:00:00 CALCIUM	Findings:	150 MG/L
Sample Collected: Chemical:	07/18/2001 00:00:00 MAGNESIUM	Findings:	36 MG/L
Sample Collected: Chemical:	07/18/2001 00:00:00 SODIUM	Findings:	74 MG/L
Sample Collected: Chemical:	07/18/2001 00:00:00 POTASSIUM	Findings:	4.9 MG/L
Sample Collected: Chemical:	07/18/2001 00:00:00 CHLORIDE	Findings:	75 MG/L
Sample Collected: Chemical:	07/18/2001 00:00:00 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.3 MG/L
Sample Collected: Chemical:	07/18/2001 00:00:00 TOTAL DISSOLVED SOLIDS	Findings:	788 MG/L
Sample Collected: Chemical:	07/18/2001 00:00:00 LANGELIER INDEX @ 60 C	Findings:	1.22

Sample Collected: Chemical:	07/18/2001 00:00:00 NITRATE (AS NO3)	Findings:	37 MG/L
Sample Collected: Chemical:	07/18/2001 00:00:00 TURBIDITY, LABORATORY	Findings:	.06 NTU
Sample Collected: Chemical:	07/18/2001 00:00:00 NITRATE + NITRITE (AS N)	Findings:	8350 UG/L
Sample Collected: Chemical:	12/12/2001 00:00:00 NITRATE (AS NO3)	Findings:	42.3 MG/L
Sample Collected: Chemical:	02/21/2002 00:00:00 CHLORIDE	Findings:	86 MG/L
Sample Collected: Chemical:	02/21/2002 00:00:00 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.29 MG/L
Sample Collected: Chemical:	02/21/2002 00:00:00 NITRATE (AS NO3)	Findings:	49.2 MG/L
Sample Collected: Chemical:	05/15/2002 00:00:00 NITRATE (AS NO3)	Findings:	37.7 MG/L
Sample Collected: Chemical:	02/18/2004 00:00:00 NITRATE (AS NO3)	Findings:	38.1 MG/L
Sample Collected: Chemical:	05/13/2004 00:00:00 SPECIFIC CONDUCTANCE	Findings:	1304 US
Sample Collected: Chemical:	05/13/2004 00:00:00 PH, LABORATORY	Findings:	7.43
Sample Collected: Chemical:	05/13/2004 00:00:00 ALKALINITY (TOTAL) AS CACO3	Findings:	280 MG/L
Sample Collected: Chemical:	05/13/2004 00:00:00 BICARBONATE ALKALINITY	Findings:	342 MG/L
Sample Collected: Chemical:	05/13/2004 00:00:00 HARDNESS (TOTAL) AS CACO3	Findings:	515 MG/L
Sample Collected: Chemical:	05/13/2004 00:00:00 CALCIUM	Findings:	141 MG/L
Sample Collected: Chemical:	05/13/2004 00:00:00 MAGNESIUM	Findings:	37 MG/L
Sample Collected: Chemical:	05/13/2004 00:00:00 SODIUM	Findings:	87 MG/L
Sample Collected: Chemical:	05/13/2004 00:00:00 POTASSIUM	Findings:	5.1 MG/L
Sample Collected: Chemical:	05/13/2004 00:00:00 CHLORIDE	Findings:	109 MG/L
Sample Collected: Chemical:	05/13/2004 00:00:00 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.3 MG/L
Sample Collected: Chemical:	05/13/2004 00:00:00 ARSENIC	Findings:	3 UG/L
Sample Collected: Chemical:	05/13/2004 00:00:00 BARIUM	Findings:	126 UG/L

Sample Collected: Chemical:	04/13/2005 00:00:00 NITRATE (AS NO3)	Findings:	8 MG/L
Sample Collected: Chemical:	05/04/2005 00:00:00 NITRATE (AS NO3)	Findings:	7.9 MG/L
Sample Collected: Chemical:	06/01/2005 00:00:00 NITRATE (AS NO3)	Findings:	7.9 MG/L
Sample Collected: Chemical:	06/16/2005 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	1.5 PCI/L
Sample Collected: Chemical:	06/16/2005 00:00:00 RADIUM 228 COUNTING ERROR	Findings:	.43 PCI/L
Sample Collected: Chemical:	07/06/2005 00:00:00 NITRATE (AS NO3)	Findings:	8.4 MG/L
Sample Collected: Chemical:	02/08/2006 00:00:00 NITRATE (AS NO3)	Findings:	16.4 MG/L
Sample Collected: Chemical:	03/08/2006 00:00:00 NITRATE (AS NO3)	Findings:	20.8 MG/L
Sample Collected: Chemical:	04/12/2006 00:00:00 NITRATE (AS NO3)	Findings:	19.6 MG/L
Sample Collected: Chemical:	05/25/2006 00:00:00 NITRATE (AS NO3)	Findings:	17.5 MG/L
Sample Collected: Chemical:	05/25/2006 00:00:00 NITRATE (AS NO3)	Findings:	18 MG/L
Sample Collected: Chemical:	06/14/2006 00:00:00 NITRATE (AS NO3)	Findings:	21.7 MG/L
Sample Collected: Chemical:	07/19/2006 00:00:00 NITRATE (AS NO3)	Findings:	20.4 MG/L
Sample Collected: Chemical:	08/09/2006 00:00:00 NITRATE (AS NO3)	Findings:	18.9 MG/L
Sample Collected: Chemical:	09/13/2006 00:00:00 NITRATE (AS NO3)	Findings:	16.1 MG/L
Sample Collected: Chemical:	10/12/2006 00:00:00 NITRATE (AS NO3)	Findings:	15.4 MG/L
Sample Collected: Chemical:	02/03/1999 00:00:00 NITRATE (AS NO3)	Findings:	16.6 MG/L
Sample Collected: Chemical:	06/07/2000 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	2.3 PCI/L
Sample Collected: Chemical:	06/07/2000 00:00:00 GROSS BETA	Findings:	4.9 PCI/L
Sample Collected: Chemical:	06/07/2000 00:00:00 GROSS BETA COUNTING ERROR	Findings:	3.4 PCI/L
Sample Collected: Chemical:	09/13/2000 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	1 PCI/L
Sample Collected: Chemical:	09/13/2000 00:00:00 GROSS BETA	Findings:	5 PCI/L

Sample Collected: Chemical: Sample Collected:

Chemical:

09/13/2000 00:00:00 GROSS BETA COUNTING ERROR 03/20/2001 00:00:00

NITRATE (AS NO3)

Findings: 2 PCI/L

Findings: 41.6 MG/L

Direction Distance Database EDR ID Number South 1/4 - 1/2 Mile OIL\_GAS CA10038928 Apinumber: 03705795 Operator: Redwood Oil Co. Lease: Mitchell Well no: 1 Any Field Cagaso m3 area: Any Area Field: W1-2 006 Map: Status cod: Source: hud Latitude: 34.409801 Longitude: -118.436888 0 Td: Sec: 22 04N 15W Twn: Rge: Bm: SB X coord: 0 Not Reported Y coord: 0 Zone: Spuddate: Not Reported Abanddate: Not Reported Not Reported 2 Comments: District: SSW 1/2 - 1 Mile OIL\_GAS CA10038626 Apinumber: 03705565 Operator: A. Chas Lantz Lease: Lantz Well no: 1 Any Field Field: Cagaso m3 area: Any Area Map: W1-2 Status cod: 006 Source: hud 34.401083 Latitude: -118.441244 Longitude: Td: 0 Sec: 27 Twn: 04N Rge: 15W SB 0 Bm: X coord: 0 Zone: Not Reported Y coord: Spuddate: Not Reported Abanddate: Not Reported Comments: Not Reported District: 2

# AREA RADON INFORMATION

Federal EPA Radon Zone for LOS ANGELES County: 2

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 LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

#### **TOPOGRAPHIC INFORMATION**

#### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

## Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

#### HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 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 and 2005 from the U.S. Fish and Wildlife Service.

#### HYDROGEOLOGIC INFORMATION

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

Source: EDR proprietary database of groundwater flow information

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

#### **GEOLOGIC INFORMATION**

#### Geologic Age and Rock Stratigraphic Unit

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

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

Source: Department of Agriculture, Natural Resources Conservation Services

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

## SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS) Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

## LOCAL / REGIONAL WATER AGENCY RECORDS

#### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

# STATE RECORDS

#### Water Well Database

Source: Department of Water Resources Telephone: 916-651-9648

## California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## **OTHER STATE DATABASE INFORMATION**

#### **California Oil and Gas Well Locations**

Source: Department of Conservation Telephone: 916-323-1779

## RADON

#### State Database: CA Radon

Source: Department of Health Services Telephone: 916-324-2208 Radon Database for California

#### Area Radon Information

Source: USGS Telephone: 703-356-4020 The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### **EPA Radon Zones**

Source: EPA Telephone: 703-356-4020 Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## OTHER

Airport Landing Facilities: Private and public use landing facilities Source: Federal Aviation Administration, 800-457-6656

**Epicenters:** World earthquake epicenters, Richter 5 or greater Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

## STREET AND ADDRESS INFORMATION

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Vista Canyon Ranch, LLC June 18, 2007 2007-019-51

# **APPENDIX B**

# ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

# AND SUPPLEMENTAL INFORMATION





# PHASE I

# ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

R. T. Frankian & Associates has been retained to perform a Phase I Environmental Assessment for the property listed below. A standard part of a Phase I Environmental Assessment is to interview persons with good knowledge of the uses and physical characteristics of the property. It is requested that you answer each of the questions in good faith and to the extent of your knowledge. <u>Please describe each of your responses with as much detail as possible</u>. If and when additional space is needed, please use additional pages to complete your answers. (White paper, lined or not, is preferred because it generally faxes better.) Please fax directly to R. T. Frankian & Associates or mail the completed questionnaire.

Job No.	2007 - 19 - 51	
Property:	Walder own	
	nepared by KGFarrel	based on
1 Current	nepared by KGFarrell oral interview nt use of Property: <u>Residuation</u>	storage
	Wood Splitting	

2. Was property or adjoining property ever used for any of the following? (If yes to any, please specify and describe which, when, and give all known details.)

Junkyard or Landfill:	NO			
Waste treatment, storage, disp	osal, or recycling	facility:	NO	
Drycleaners:	NO			
Gasoline service station:	NO			
Motor vehicle repair:	ND	1-44-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-	MINO	primal
Photo developing laboratory: _	NO			, 
Commercial printing facility:	NO			······
Other industrial use:	None	<b></b>	wood 5	plitting
				8

3. Current uses of adjoining properties to the north: \_\_\_\_\_\_



Phase I Environmental Site Assessment Questionnaire Page 2 of 6

4.	Current uses of adjoining properties to the west:housity
5.	Current uses of adjoining properties to the south:
6.	Current uses of adjoining properties to the east:
7.	Past use of the Subject Property (Include property ownership and dates if known):
8. F	Past use of adjoining properties to the north:
9. I	Past use of adjoining properties to the west:
10.	Past use of adjoining properties to the south:
11.	Past use of adjoining properties to the east:
tanl Cur Pre	Are there currently, or were there previously, any above or underground storage ks at the property? (If yes, please specify which, when, and give all known details.) rrently: $\sqrt[-3]{8}$ eviously: $\sqrt[-3]{8}$
way yes Cui	Are there currently, or were there previously, any vent pipes, fill pipes, or access ys at the property that may indicate the presence of underground storage tanks? (If s, please specify which, when, and give all known details.) rrently: $\underline{NV}$ eviously: $\underline{NV}$
14. tha	Are there currently, or have there previously been, any drums or containers larger n five gallons in volume used or stored at the property? (If yes, please specify which,



Phase I Environmental Site Assessment Questionnaire Page 3 of 6

15. Are there currently, or have there previously been, any containers identified as containing hazardous substances or petroleum products used, stored, or disposed at the property? (If yes, please specify which, when, and give all known details.)

Currently: No orher from Inbritants

16. Is there currently, or has there previously been, any evidence of fill dirt having been brought onto the property that originated from a contaminated site or is of an unknown origin? (If yes, please specify which, when, and give all known details.)

Currently: \_\_\_\_\_

Previously:	No	Permanent	inst	concrete	wash -out	
· · • · · · · · · · · · · · · · · · · ·						

17. Are there currently, or have there previously been, any transformers, capacitors, or hydraulic equipment at the property? (If yes, please specify which, when, and give all known details.)

Currently: <u>No</u> Previously: <u>AIONE KNOWN</u>

18. Is there currently, or has there previously been, any electrical or hydraulic equipment know or likely to contain PCBs present at the property? (If yes, please specify which, when, and give all known details.)

Currently:	pho		
Previously:	Abre	know ~	

19. Are there currently, or have there previously been, any pits, ponds, or lagoons on or adjacent to the property? (If yes, please specify which, when, and give all known details.)

Currently:	NO		
Previously:	None	Known	

20. Is there currently, or has there previously been, any stained soil, stained pavement, or stressed vegetation on the property? (If yes, please specify which, when, and give all known details.)

Currently:		$\sim$	surface	hacks	
Previously:	saw	ne			

21. Is there currently, or has there previously been, any trash or solid waste disposal, or mound(s) or a depression(s) suggesting the likelihood of trash or other solid waste disposal on the subject property? (If yes, please specify which, when, and give all known details.)

Currently:	mini		
Previously:	none	known	



Phase I **Environmental Site Assessment Questionnaire** Page 4 of 6

22. Is there currently, or has there previously been, any wastewater, storm water, or other liquid discharged into a drain, ditch, or stream on or adjacent to the property? (If ves, please specify which, when, and give all known details.)

Currently:	NO	
Previously:	none	know m

23. Are there currently, or have there previously been, any dry wells, irrigation wells, injection wells, or abandoned wells at the subject property? (If yes, please specify which, when, and give all known details.)

Currently: <u>no</u> Previously: <u>one post with of property</u>

24. Are there currently, or have there previously been, any on-site septic systems or cesspools at the property? (If yes, please specify which, when, and give all known details.)

Currently: Yu Previously: yu, since 1920's W. house

25. Are there currently, or have there previously been, any structures at the property? (If yes, please specify which, when, and give all known details.)

Currently: 100 Previously: 1020, 1935 +

	or other improvements	are present,	please describe,	including their
approximate age.	1920's (?)	claphomd	house é	hailers

27. If structures are present, what is the heating and cooling system for the structure? none

28. If structures are present, are there currently, or have there previously been, any stains or corrosion on floors, walls, or ceilings? (If yes, please specify which, when, and give all known details.) Currently: \_\_\_\_\_\_

29. Are there any flooring, drains, or walls located within structures that are stained or are emitting foul odors?

Note the house is no longer used as a residence. There are traiters used as living quarkers.

Phase I Environmental Site Assessment Questionnaire Page 5 of 6

30. Specify the potable water supply for the property. <u>from adjacent</u> 31. Identify sewage disposal system for the property. <u>S(pticons)</u>

32. Are there any environmental site assessment or environmental audit reports for the property? If yes, please specify how copies be provided to R. T. Frankian & Associates for review. <u>nom</u> knum

33. Are there any environmental permits for the property (such as solid waste disposal permits, hazardous waste disposal permits, wastewater permits, or NPDES permits)? (If yes, please specify which, when, and give all known details.) \_\_\_\_\_\_ (do not know)

34. Are there currently, or have there previously been, any registered underground or above ground storage tanks at the property? (If yes, please specify which, when, and give all known details.) <u>none known</u>

35. Are there currently any material safety data sheets for the property? If yes, please specify how copies can be provided to R. T. Frankian & Associates for review. DNR

36. Are there any community right-to-know plans for the property? If yes, please specify how copies can be provided to R. T. Frankian & Associates for review. DNK

37. Are there any safety plans; preparedness and prevention plans; spill prevention countermeasure, and control plans for the property? If yes, please specify which and how copies can be provided to R. T. Frankian & Associates for review.

nom known

38. Are there any notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property? If yes, please specify which and how copies can be provided to R. T. Frankian & Associates for review.

DNK

Note DNK = does not know -



Phase I Environmental Site Assessment Questionnaire Page 6 of 6

39. Are there any hazardous waste generator notices or reports for the property If yes, please specify which and how copies can be provided to R. T. Frankian & Associates for review.

40. Are there any geotechnical studies for the property? If yes, please specify what and how copies can be provided to R. T. Frankian & Associates for review.  $\underline{\rho N K}$ 

41.	ls	there	any	pending,	threatened	l, or	past	litigation	relevant	to	haz	ardous
subst	anc	es or p	oetrol	eum produ	ucts in, on a	or fro	m the	property?	' (If yes,	ple	ase	specify
which	, w	hen, ar	nd giv	e all know	n details.)		<u>ONK</u>	·				

43. Are there any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products for the property? (If yes, please specify which, when, and give all known details.)  $\rho N K$ 

This questionnaire was prepared by

Name:	Keith	Farrell	$\tilde{i}$	oral	interview	with		
Title:	(redo	ist		Charles	Itouston			
Company	/:	RTFA						
Address:								
City, State	e, Zip:							
Phone:	-			Fax:				
Relationship to property (e. g., site manager, property manager, owner, etc.)								

My signature below represents that this questionnaire was completed in good faith to the extent of my actual knowledge of the property.

Signature Charles B Houston Date 6/14/07 Caretaken by KGEarrell



Vista Canyon Ranch, LLC June 18, 2007 2007-019-51

# APPENDIX C

# ENVIRONMENTAL DATA RESOURCES, INC.

# ENVIRONMENTAL LIEN SEARCH REPORT





# The EDR Environmental Lien Search Report

VISTA CANYON RANCH (APNS 2840-004-009 AND -021) 27556 WOODFALL ROAD SANTA CLARITA, CALIFORNIA

Tuesday, June 5, 2007

Project Number: L07-04207

# The Standard In Environmental Risk Management Information

440 Wheelers Farm Road Milford, Connecticut 06460

**Nationwide Customer Service** 

Telephone: 1-800-352-0050 Fax: 1-800-231-6802

# **ENVIRONMENTAL LIEN REPORT**

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

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

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

## Thank you for your business

Please contact EDR at 1-800-352-0050 with any questions or comments

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# **ENVIRONMENTAL LIEN REPORT**

The EDR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

## TARGET PROPERTY INFORMATION

## **ADDRESS**

Vista Canyon Ranch (APNs 2840-004-009 and -021) 27556 Woodfall Road Santa Clarita, California

## **RESEARCH SOURCE**

Source: Los Angeles County Assessor Los Angeles County Recorder

## **DEED INFORMATION**

Type of Instrument: Quit Claim Deed

Title is vested in: William C. Cloyd, Trustee

Title received from: William C. Cloyd, Successor Trustee

Deed Dated: 05/17/2006 Deed Recorded: 06/02/2006 Instrument: 06-1217312

## LEGAL DESCRIPTION

A portion of the South Half of the Southeast Quarter of Section 22, Township 4 North, Range 15 West, of the San Bernardino Principal Meridian, Los Angeles County, State of California

Assessor's Parcel Number(s): 2840-004-009

## **ENVIRONMENTAL LIEN**

Environmental Lien: Found Not Found

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

Other AULs: Found □ Not Found ⊠

# **ENVIRONMENTAL LIEN REPORT**

## TARGET PROPERTY INFORMATION

## ADDRESS

Vista Canyon Ranch (APNs 2840-004-009 and -021) 27556 Woodfall Road Santa Clarita, California

## **RESEARCH SOURCE**

Source: Los Angeles County Assessor Los Angeles County Recorder

## **DEED INFORMATION**

Type of Instrument: Trustee's Deed Upon Sale

Title is vested in: Robert L. Waldron and Richard C. Waldron, Trustees of the Roy C. Waldron Trust dated 04-25-1986

Title received from: Robert L. Waldron, et al, Trustees

Deed Dated: 05/04/1999 Deed Recorded: 05/18/1999 Instrument: 99-0896399

## LEGAL DESCRIPTION

A portion of the North Half of the Southeast Quarter of Section 22, Township 4 North, Range 15 West, of the San Bernardino Principal Meridian, Los Angeles County, State of California

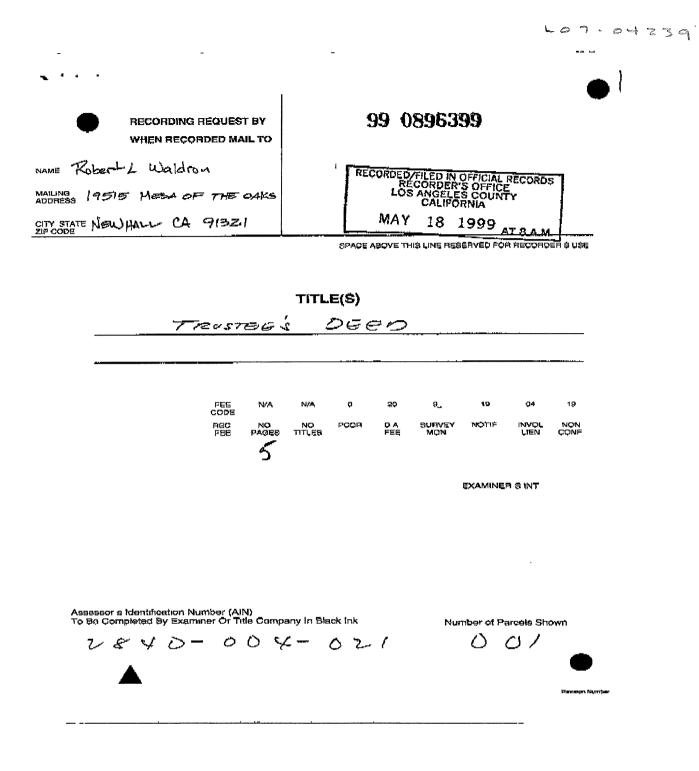
Assessor's Parcel Number(s): 2840-004-021

## **ENVIRONMENTAL LIEN**

Environmental Lien: Found D Not Found

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

Other AULs: Found ☐ Not Found ⊠



LOS ANGELES, CA Document: DF 1999.896399 Printed on 5/29/2007 12:51:22 PM Provided by Data Trace System Page 1 of 5

#### Recording rec eð. When recorded mail to:

Robert L. Waldron-Trustee Richard C. Waldron-Trustee 19515 Mesa of the Oaks Newhall, Calif. 91321

#### 658044

- 1) The Grantee herem was/maxankthe forcelosing Beneficiary
- 2) The amount of the uppard debt together with costs was \$ 129, 346 91.
- 3) The amount paid by the Granice at the Trustee's sale was \$ 129, 346 91
- 4) The Documentary Transfer Tax is \$ 110119
- 5) The Property is in \$2 unincorporated area ( ) City of

# TRUSTEE'S DEED UPON SALE

#### APN # 2840-004-021

FC# 1118

WALDRON

33

between ROBERT L WALDROW and THIS INDENTURE, madeMay 4, 1999 Trustee, under the hereafter mentioned Decd of Trust (herem called Trustee), and, Robert L. Waldron and Richard C Waldron, as Trustees of the Roy C. Waldron Trust, Dated April 25, 1986

#### (herein called Grantee), WITNESSETH

PAUL SMOR, a married man, as separate property, GEORGE POLLACK, Trustee, WHEREAS, ROBERT L WALDRON, an unmarried man; ESTHER WILSON, a widow, WARREN S. BATEMAN AND SALLY P. BATEMAN, h/w as j/t Deed of Trust dated 4-6-81 and recorded 9-17-81 as document no 81-925540 of Official Records, m

by Deed of Trust dated 4-6-81 California. the office of the County Recorder of the County of Los Angeles did grant and convey to said Trustee upon the Trusts therein express, the property hereinafter described to secure, among other obligations, payment of one certain promissory note and interest, according to the terms thereof, other sums of money advanced, and interest thereon, and,

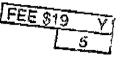
WHEREAS, breach and default was made under the terms of said Deed of Trust in the particulars set forth in the Notice of said Breach and Default hereinatter referred to, to which reference is hereby made, and,

the then Beneficiary or holder of said Note - did execute and deliver to Trustee WHEREAS, on 12-28-98 written Declaration of Default and Demand for Sale, and thereafter, there was filed for record on 12-31-98 the office of the County Recorder of said County, a Notice of said Breach and Default and of Election to cause Trustee to selt said property to satisfy the obligations secured by said Deed of Trust, which Notice was duly recorded as document of Official Records of said County, and, no 98-2377233

WHEREAS, Trustee in consequence of said Deckration of Default, Election, Demand for Sale, and in compliance with the terms of said Deed of Trust did execute its Notice of Trustee's Sale stating that it, as Trustee, by virtue of the authority in it vested, would sell at public auction to the highest bidder, for cash, in lawful money of the United State, the property particularly therein and hereinafter described, said property being in the County or Los Angeles State of - at 9 30 AM o'clock AM/BM of said day, at California, and fixing the time and place of sale as May 4, 1999, rear entrance to 17835 Ventura Blvd , Encino, Calif

and did cause copies of said Notice to be posted for not less than twenty days before the date of sale therein fixed as follows

PAGE 1



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In a public place in the City of Van Nuys State of California, as follows, to-wit

. County of Los Angelles

On the bulletin board in the lobby of the Van Nuys Minicipal Court House, 14410 Svlvan St., Van Muys, Calif.

Also, one in a conspicuous place on the property to be sold to

On locked gate

wit

and said Trustee did cause a copy of said Notice to be published once a week for twenty days before the date of sale therein fixed in the Signal

a newspaper of general circulation, printed and published in the city or distinct in which said real property is situated, the first date of such publication being Apral 6, 1999, and,

WHEREAS, all applicable statutory provisions of the State of California and all of the provisions of said Deed of Trust have been complied with as to acts to be performed and notices to be given, and,

WHEREAS. Trustee did at the time and place of sale fixed as aforesaid, then and there sell, at public auction, to said Grantee set forth above, being the highest bidder therefore, the property hereinafter described, for the sum of , paid in pastoplandobaccepatithecidened State the satisfaction of the indebtedness then secured \$129.346.91 by said Deed of Trust

NOW THEREFORE. Trustee in consideration of the premises rected and of the sum above mentioned bid and paid by Grantee, the receipt whereof is hereby acknowledge, and by virtue of the authority vested in it by said Deed of Trust, does, by these presents, GRANT AND CONVEY unto Grantee but without any covenant or warranty, expressed or implied, all of that certain property situated in the County of Los Ancelles State of California, described as follows

AS PER ATTACHED

IN WITNESS WHEREOF, Said ROBERT L. WALDRON AND RICHARD C. WALDRON, Trustees do set their hand and seal.

BY Rohart I.

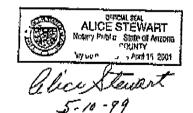
) as ARIZONA STATE OF GALIEDRNIA GILA COUNTY OF LOS ANGELES 5

On 5-10-99 before me, Alian StewART personally appeared Rich ARd C WaldRow known to me to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that be/shatthey evented the same to be the person is built at the subscribed to the within instrument and acknowledged to me that he/sha/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument

WITNESS my hand and official seal

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PAGE 2



## 99 0896399

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#### DESCRIPTION

#### COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

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As to an undivided 75 percent interest in and to the West 32.25 acres of the North half of the Southeast quarter of Section 22, Township 4 North, Range 15 West, San Bernardino Meridian, according to the Official Plat of said land filed in the District Land Office March 29, 1877. EXCEPT that portion of said land described as follows

Beginning at the Northwest corner of said Southeast quarter, thence South 0°17' West along the Westerly line of said Southeast quarter, a distance of 1317 70 feet to the South line of said North half of said Southeast quater, thence South 89° 55' East along said South line of said North half, a distance of 84.25 feet, thence North 1° 37' 10" West 1318.50 feet to a point on the Northerly line of said Southeast quarter, distance Easterly 32 61 feet from the point of beginning, thence Westerly along said Northerly line 32.61 feet to the point of beginning

ALSO EXCEPT that portion of said land, if any, included within the following described line:

Beginning at a 2 inch iron pipe in the westerly line of said Southeast quarter distance South 0° 17' West 595 00 feet from the Northwest corner of said Southeast quarter, as shown licensed surveyor's map filed in book 25 page 39 of Records of Surveys in the office of the county recorder of said county, thence South 89° 54' East 50.00 feet to a 2 inch iron pipe; thence South 0° 17' West 100.00 feet to a 2 inch iron pipe; thence North 89° 54' West 50.00 feet to a 2 inch iron pipe in said Westerly line of said Southeast quarter, thence Northerly along said Westerly line, North 0°17' East 100.00 feet to the point of beginning

ALSO EXCEPT therefrom that portion thereof described as follows.

Beginning at the Northwesterly corner of the Southeast quarter of said Section, thence along the Westerly line of the Southeast quarter of said Section South 0° 17' 21" West, 112.09 feet to a curve concave Northwesterly and having a radius of 9700.00 feet; thence Northeasterly along said curve; from a tencent which bears North 67° 47' 24" East, through an angle of 1° 40' 38", a distance of 284.88 feet to the Northerly line of the Southeast quarter of said section, thence along said Northerly line 89° 52' 52" West, 261.57 feet to the point of beginning

ALSO EXCEPT therefrom that portion thereof described as follows

Beginning at the most Easterly corner of the parcel of and described in the deed to the State of California recorded in book p4003 page 460. Official Records of said county said corner lying in the Northerly line of said Southeast quarter, distance thereon South 09° 52' 52" East, 261.57 feet from the Northwesterly corner of said quarter; thence continuing along said Northerly line. South 89° 52' 52" East, 16.75 feet; thence, leaving said Northerly line. South 53° 09' 30" West, 299.33 feet to the Easterly line of the Parcel of Land described in the deed to the A & A Feeding Company, recorded in Book D1309, Page 731, Official Records of said county, thence, along said Easterly line. North 1° 57' 18" West, 83.01 feet to the Southerly line of the aforesaid Parcel of Land described in the deed to the State of Calif., said Southerly line being a curve, conceive Northwesterly and have a radius of 9,700.00 feet, thence. Northeasterly along said Southerly line, from a tangent which bears North 67° 33' 25" East, through an angle of 1° 26' 59", a distance of 245.43 feet to the point of beginning.

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State of CALIFORNIA	A				
County of Los Angeles					
On MAY 14 1999 beit	Dre me, <u>R.V. PATTERSON</u> Nario and Tilig of Others (o.g. Jame Oos Notary Public) T <u>L.WALCEN</u> Nemo(a) of Segnetra)				
personally appeared	T.L. Walden				
personally known to me – OR – [Xproved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subsoribed to the within instrument and acknowledged to me that he/she/they executed th same in his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted executed the instrument Notory Public - Colifornia Los Angeles County My Comm. Boxes Apr 30 2002					
	Signature of Notary Public				
	Number of Pages				
Signer(s) Other Than Named Above Capacity(ies) Claimed by Signer(	s)				
Signer's Name	Signer's Name				
□ Individual □ Corporate Officer Title(s) □ Partner — ⊡ Limited □ General	Individual Corporate Officer Title(s) Partner General General				
Attorney-In-Fact     Trustee     Genore	Attomey-in-Fact     Trustee     Given Conservator     Given Conservator				
Other	umb here				
	Signer is Representing				
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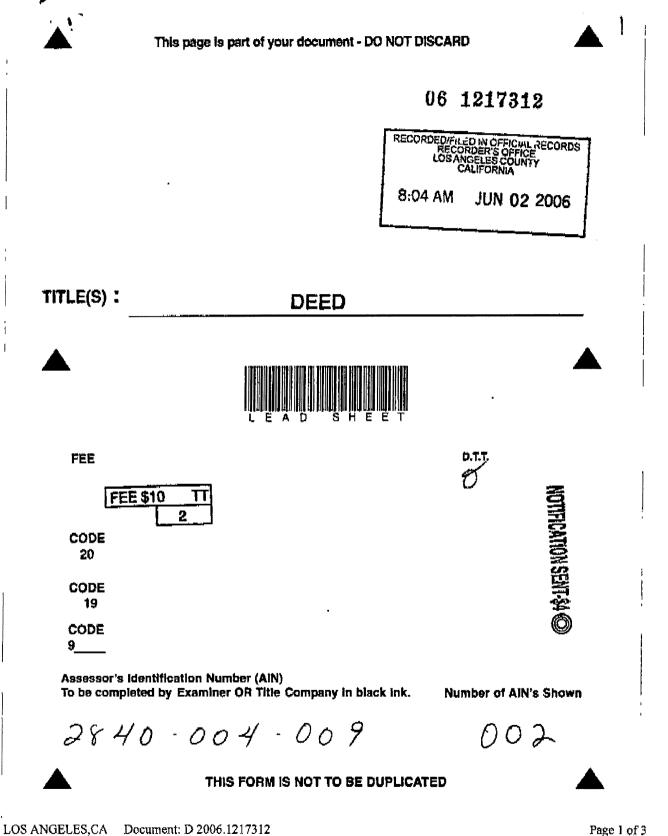
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Page 1 of 3

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# RECORDING REQUESTED BY

WEITKAMP & WEITKAMP 10724 White Oak Avenue Granada Hills, California 91344

## MAIL TAX STATEMENTS TO:

William C. Cloyd 15656 Iron Canyon Road Canyon Country, California 91351

# 06 1217312

Space above this line for Recorders use

QUITCLAIM DEED					
THE UNDERSIGNED GRANTOR(s) DECLARE(s) Documentary Transfer Tax is \$ -0-** APN: 2840-004-009 and 2840-004-010					
FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, WILLIAM C. CLOYD, Successor Trustee of THE CLOYD FAMILY TRUST DATED NOVEMBER 3, 2003					
bereby REMISE, RELEASE AND FOREVER QUITCLAIM to WILLIAM C. CLOYD, Trustee of the MARITAL DEDUCTION TRUST of THE CLOYD FAMILY TRUST DATED NOVEMBER 3, 2003					
the following described real property in the County of Los Angeles, State of California					
See Attached Legal Description					
"This conveyance transfers the interest of the Grantors into a Revocable Living Trust, is not pursuant to a sale, and is exempt pursuant to Rev & Tax Code Section 11911. Pursuant to Revenue & Taxation Code Section 62(d)(2) this conveyance does <u>not</u> constitute a change in ownership and does <u>not</u> subject the property to reassessment					
Property Address:					
Dated <u>May 17</u> , 2006 STATE OF CALIFORMA COUNTY OF LOS ANGELES ) is On <u>May 17</u> , 2008, before me, FREDRICK J WEITKAMP, a Notary Public, In and for said County and State personally appeared WILLIAM C CLOYD personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and ecknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the					
Instrument WITNESS my hand and official seal Signature Tradewing					

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#### PARCEL 1

1

THAT PORTION OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 22. TOWNSHIP 4 NORTH, RANGE 15 WEST, SAN BERNARDING HERIDIAN, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT OF SAID LAND FILED IN THE DISTRICT LAND OFFICE MARCH 29, 1977, DESCRIBED AS FOLLOWS

FILED IN THE DISTRICT LAND OFFICE MARCH 29, 1877, DESCRIBED AS FOLLOWS REGINNING AT A POINT IN THE NORTHERLY LINE OF SAID SOUTH HALF, DISTANT THEREON SOUTH B9 DEGREES 37 MINUTES 20 SECONDS EAST 124,37 FEET FROM THE WESTERLY LINE OF SAID SOUTHEAST QUARTER, THENCE ALONG SAID NORTHERLY LINE SOUTH B9 DEGREES 37 MINUTES 20 SECONDS WEST 150.99 FEET FROM THE INTERSECTION OF SAID NORTHERLY LINE WITH THE NORTHWESTERLY LINE OF THE 100 FOOT WIDE STRIP OF LAND DESCRIBED IN DEED DATED APRIL 22, 1890 FROM JOHN T, HUMPHREY'S TO SOUTHERN PACIFIC RAILGOAD COMPANY, RECORDED APRIL 26, 1990, IN BOOK 650 PAGE 123 OF DEEDS, RECORDS OF SAID COUNTY, THENCE SOUTH S3 DEGREES 29 MINUTES 05 SECONDS WEST 421,92 FEET, THENCE SOUTH 53 DEGREES S9 MINUTES 43 SECONDS WEST 157.20 FEET TO A POINT, THENCE SOUTHWESTERLY ALONG A CURVE TO THE RIGHT, HAVING A RAPIUS OF 2744,82 FEET, THENCES SOUTH 43 DEGREES S9 MINUTES 43 SECONDS WEST (TANGENT TO SAID CURVE AT THE 1AST MENTIONED POINT) BEARS SOUTH 55 DEGREES 04 HINUTES 20 SECONDS WEST 469.39 FEET) AN ARC DISTANCE OF 470,15 FEET, THENCE NORTH 25 DEGREES 11 MINUTES 20 SECONDS WEST 50.06 FEET TO A POINT, THENCE SOUTHWESTERLY ALONG A CURVE TO THE RIGHT (TANGENT TO SAID CURVE AT THE LAST MENTIONED POINT BEARS SOUTH 50 SECONDS WEST) HAVING THE FOLLOWING RADIL, CENTRAL ANGLES AND ARC LENGTHS, 2714.62 FEET, 19 DEGREES 51 MINUTES 20 SECONDS (GENTRAL ANGLES), 200,15 (FEET, THENCE SOUTHWESTERLY ALONG A COMPOUND CURVE TO THE RIGHT (TANGENT TO SAID CURVE AT THE LAST MENTIONED POINT BEARS SOUTH 64 DEGREES 48 MINUTES 40 SECONDS WEST) HAVING THE FOLLOWING RADIL, CENTRAL ANGLES AND ARC LENGTHS, 2714.62 FEET, 19 DEGREES 51 MINUTES 30 SECONDS (CENTRAL ANGLES), 240.35 (ARC), 1739.91 FEET. B DEGREES 51 MINUTES 34 SECONDS (CENTRAL ANGLES), 240.35 (ARC), 1739.91 FEET. B DEGREES 51 MINUTES 34 SECONDS (CENTRAL ANGLES), 240.35 (ARC), 1739.91 FEET. B DEGREES 51 MINUTES 34 SECONDS (CENTRAL ANGLES), 240.35 (ARC), 1739.91 FEET. B DEGREES 51 MINUTES 34 SECONDS (CENTRAL ANGLES), 240.35 (ARC), 1739.91 FEET. B

#### PARCEL 2:

1

THAT PORTION OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 22. TOWNSHEP 4 NORTH, RANGE IS WEST, SAN BERNARDING MERIDIAN, IN THE COUNTY OF LOS Angeles, State of California, according to the official plat of said land filed in the district land office on march 29, 1877, described as follows.

BEGINNING AT THE INTERSECTION OF THE NORTH LINE OF SAID SOUTH HALF WITH THE WESTERLY LINE OF SAID SOUTHEAST QUARTER; THENCE SOUTH BY DECREES 55 MINUTES EAST ALONG SAID NORTH LINE, A DISTANCE OF 124.27 FEET TO THE TRUE POINT OF BEGINNING; THENCE SOUTH I DEGREES 57 MINUTES 40 SECONDS EAST TO A POINT IN THE NORTHERLY LINE OF THE LAND CONVEYED FOR RIGHT OF WAY AND DEPOT GROUNDS BY DEEDS RECORDED IN BOOK 650 PAGE 123 OF DEEDS AND IN BOOK 642 PAGE 277 OF DEEDS, RECORDES OF SAID COUNTY, THENCE IN'A GENERAL EASTERLY AND NORTHEASTERLY DIRECTION, ALONG SAID LAST MENTIONED NORTHERLY LINE TO THE NORTHERLY LINE OF SAID SOUTH HALF, THENCE NORTH BY DEGREES 55 MINUTES WEST ALONG SAID NORTHERLY LINE TO THE TRUE POINT OF BEGINNING.

EXCEPT THAT PORTION OF SAID LAND INCLUDED WITHIN THE LAND AS DESCRIBED IN THE DEED TO SOUTHERN PACIFIC COMPANY, RECORDED JANUARY 10, 1962, AS INSTRUMENT NO. 1783 OF OFFICIAL RECORDS OF SAID COUNTY.

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Vista Canyon Ranch, LLC June 18, 2007 2007-019-51

# APPENDIX D

# ENVIRONMENTAL DATA RESOURCES INC. SANBORN® MAP

# AND CITY DIRECTORY REPORT





# **Certified Sanborn® Map Report**



Sanborn® Library search results Certification # 896C-412A-8E26

Vista Canyon Ranch (APNs 2840-004-009 & -021) 27556 Woodfall Road Santa Clarita, CA 91387

Inquiry Number 1938528.3

May 29, 2007

# The Standard in Environmental Risk Information

440 Wheelers Farms Rd Milford, Connecticut 06461

Nationwide Customer Service

 Telephone:
 1-800-352-0050

 Fax:
 1-800-231-6802

 Internet:
 www.edrnet.com

## **Certified Sanborn® Map Report**

# Site Name:Client Name:Vista Canyon Ranch (APNs<br/>27556 Woodfall Road<br/>Santa Clarita, CA 91387R. T. Frankian & Associates<br/>1329 Scott Road<br/>Burbank, CA 91504EDR Inquiry # 1938528.3Contact: Mark Frankian

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by R. T. Frankian & Associates were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

## Certified Sanborn Results:

Site Name:	Vista Canyon Ranch (APNs 2840-004-009 & -
Address:	27556 Woodfall Road
City, State, Zip:	Santa Clarita, CA 91387
Cross Street:	
P.O. #	NA
Project:	2007-019-51/200
Certification #	896C-412A-8E26

## UNMAPPED PROPERTY

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



5/29/07

Sanborn® Library search results Certification # 896C-412A-8E26

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

Library of Congress
 University Publications of America
 EDR Private Collection

Total Maps: 0

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Vista Canyon Ranch, LLC June 18, 2007 2007-019-51

# APPENDIX E

# ENVIRONMENTAL DATA RESOURCES INC.

# HISTORICAL TOPOGRAPHIC MAP REPORT





# EDR Historical Topographic Map Report

Vista Canyon Ranch (APNs 2840-004-009 & -021)

> 27556 Woodfall Road Santa Clarita, CA 91387

Inquiry Number: 1938528.4

May 25, 2007

# The Standard in Environmental Risk Information

440 Wheelers Farms Rd Milford, Connecticut 06461

# **Nationwide Customer Service**

Telephone:1Fax:1Internet:w

1-800-352-0050 1-800-231-6802 www.edrnet.com

# **EDR Historical Topographic Map Report**

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

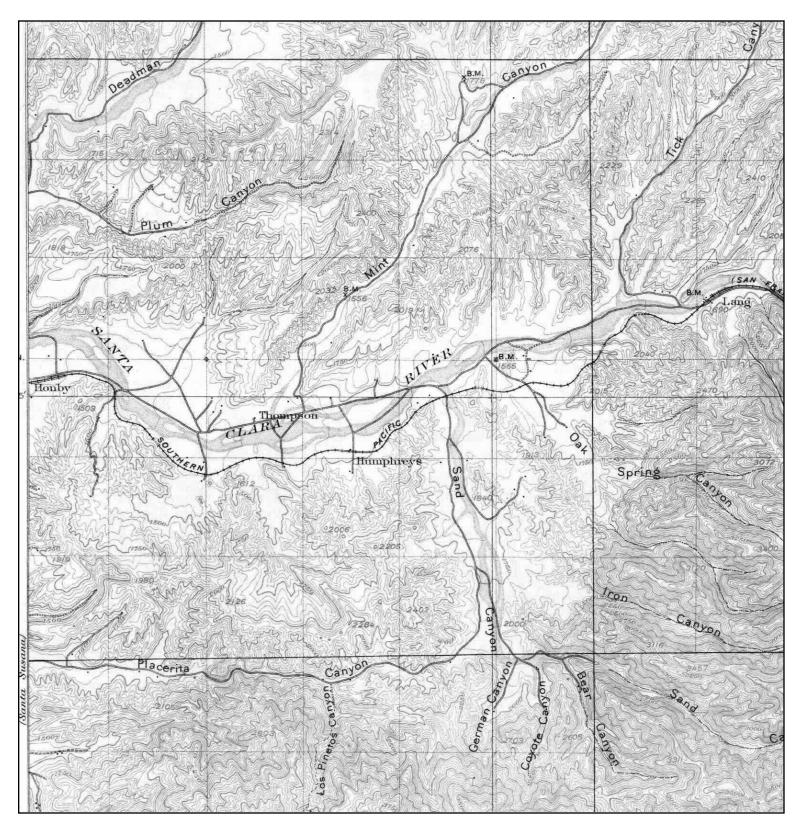
*Thank you for your business.* Please contact EDR at 1-800-352-0050 with any questions or comments.

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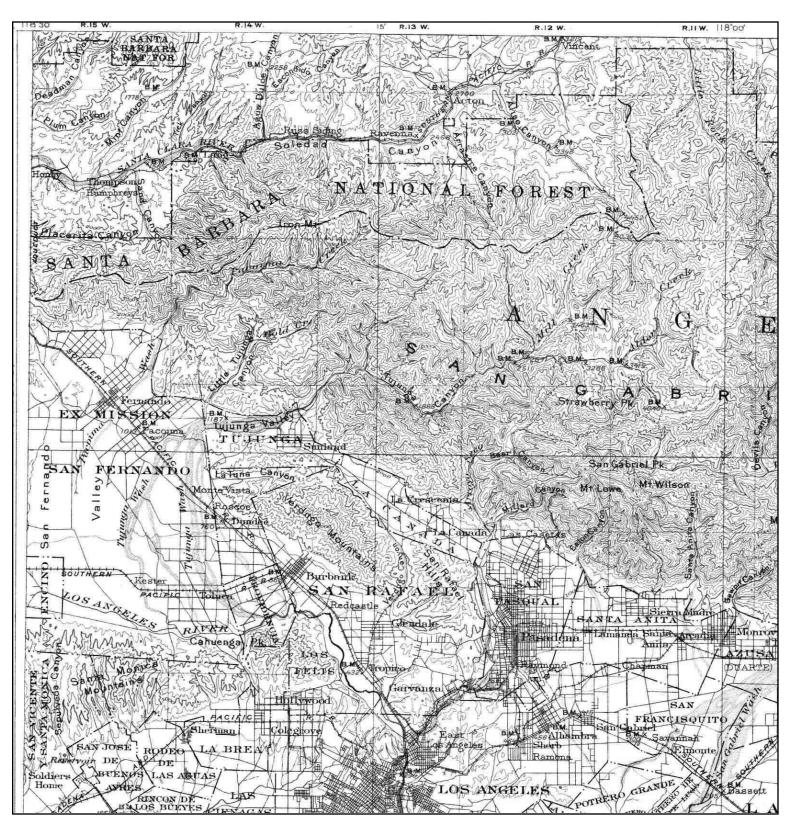
This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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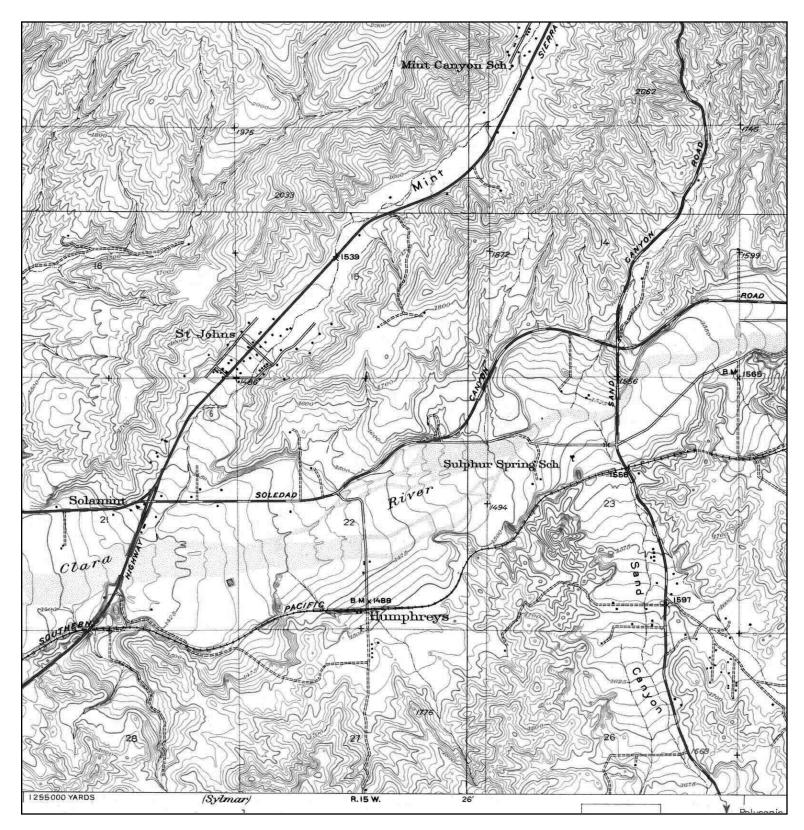
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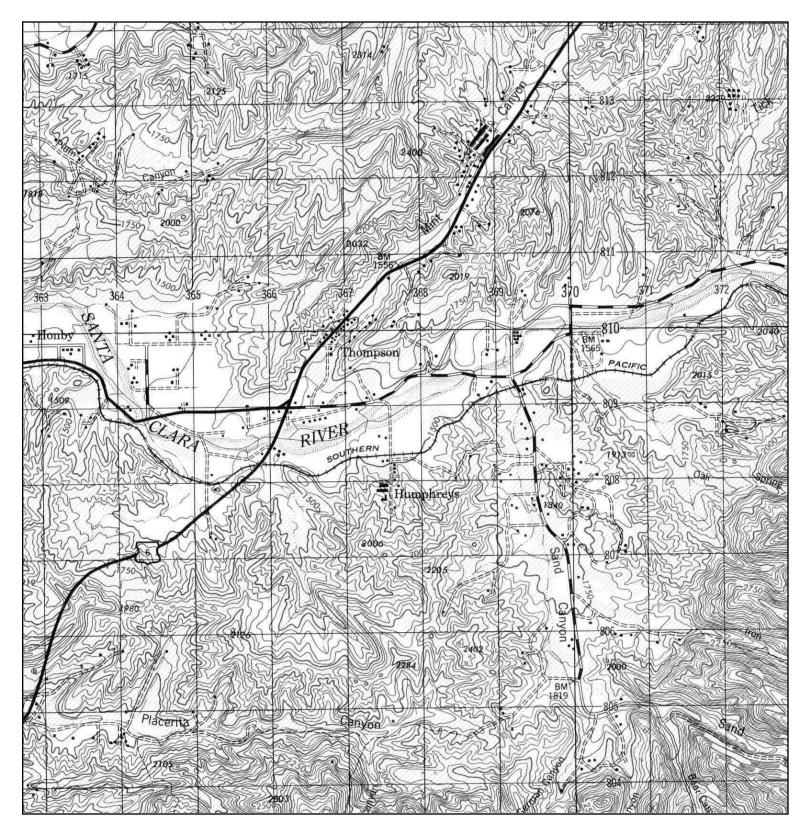
→ z	TARGET QU NAME: MAP YEAR:	FERNANDO 1900	SITE NAME: ADDRESS:	2840-004-009 & -021) 27556 Woodfall Road Santa Clarita, CA 91387	CLIENT: CONTACT: INQUIRY#: RESEARCH	R. T. Frankian & Associates Mark Frankian 1938528.4 DATE: 05/25/2007
I	SERIES: SCALE:	15 1:62500	LAT/LONG:	34.4135 / 118.4377		DITE: 00/20/2007

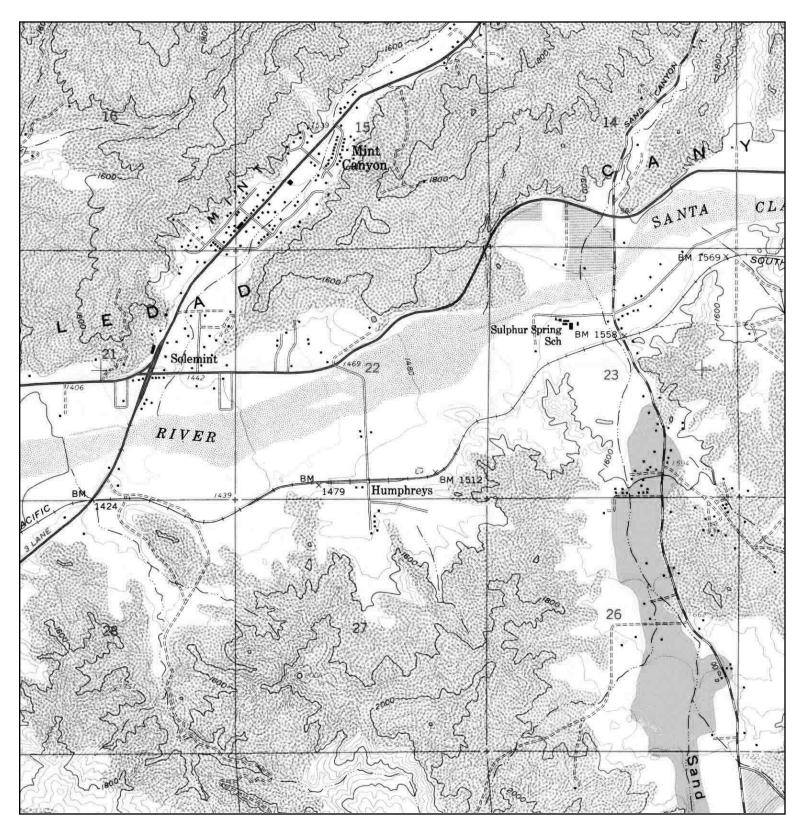


N		TARGET QUAD NAME: SOUTHERN CA SHEET 1		SITE NAME:	Vista Canyon Ranch (APNs 2840-004-009 & -021)	CLIENT:	R. T. Frankian & Associates	
		MAP YEAR:	1901	ADDRESS:	27556 Woodfall Road Santa Clarita, CA 91387	CONTACT: INQUIRY#:	Mark Frankian 1938528.4	
	I	SERIES: SCALE:	60 1:250000	LAT/LONG:	34.4135 / 118.4377		DATE: 05/25/2007	

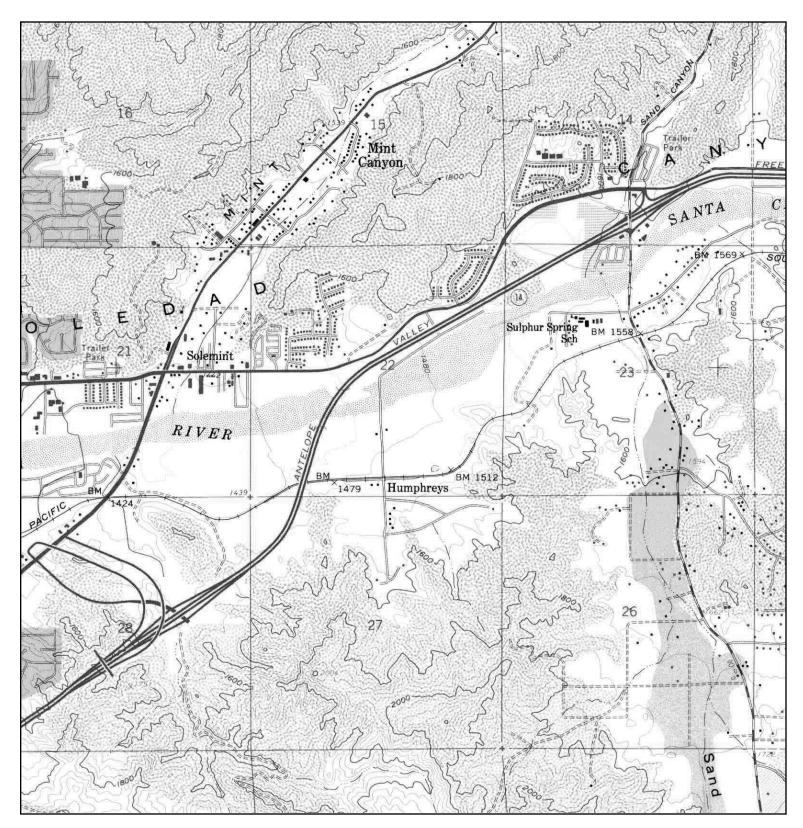


N       TARGET QUAD NAME:       SITE NAME:       Vista Canyon Ranch (APNs 2840-004-009 & -021)       CLIENT:       R. T. Frankian & Associ         NAME:       HUMPHREYS MAP YEAR:       ADDRESS:       27556 Woodfall Road Santa Clarita, CA 91387       CUIENT:       R. T. Frankian & Associ         SERIES:       6 SCALE:       1:24000       LAT/LONG:       34.4135 / 118.4377       RESEARCH DATE:       05/25/2007
--





TARGET QUAD SITE NAME: Vista Canyon Ranch (APNs CLIENT: R. T. Frankian & Associates 2840-004-009 & -021) Ν NAME: MINT CANYON CONTACT: Mark Frankian MAP YEAR: 1960 ADDRESS: 27556 Woodfall Road INQUIRY#: 1938528.4 Santa Clarita, CA 91387 RESEARCH DATE: 05/25/2007 SERIES: 7.5 LAT/LONG: 34.4135 / 118.4377 SCALE: 1:24000

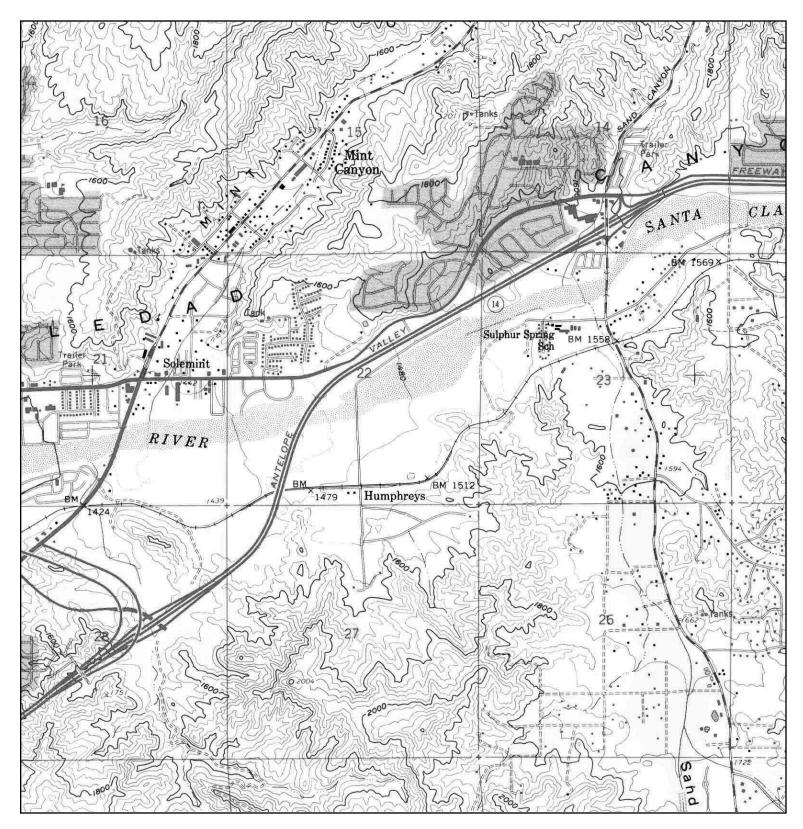


TARGET QUAD NAME: MINT CANYON MAP YEAR: 1974 PHOTOREVISED FROM:1960 SERIES: 7.5 SCALE: 1:24000

Ν

SITE NAME:Vista Canyon Ranch (APNs<br/>2840-004-009 & -021)ADDRESS:27556 Woodfall Road<br/>Santa Clarita, CA 91387LAT/LONG:34.4135 / 118.4377

CLIENT: R. T. Frankian & Associates CONTACT: Mark Frankian INQUIRY#: 1938528.4 RESEARCH DATE: 05/25/2007

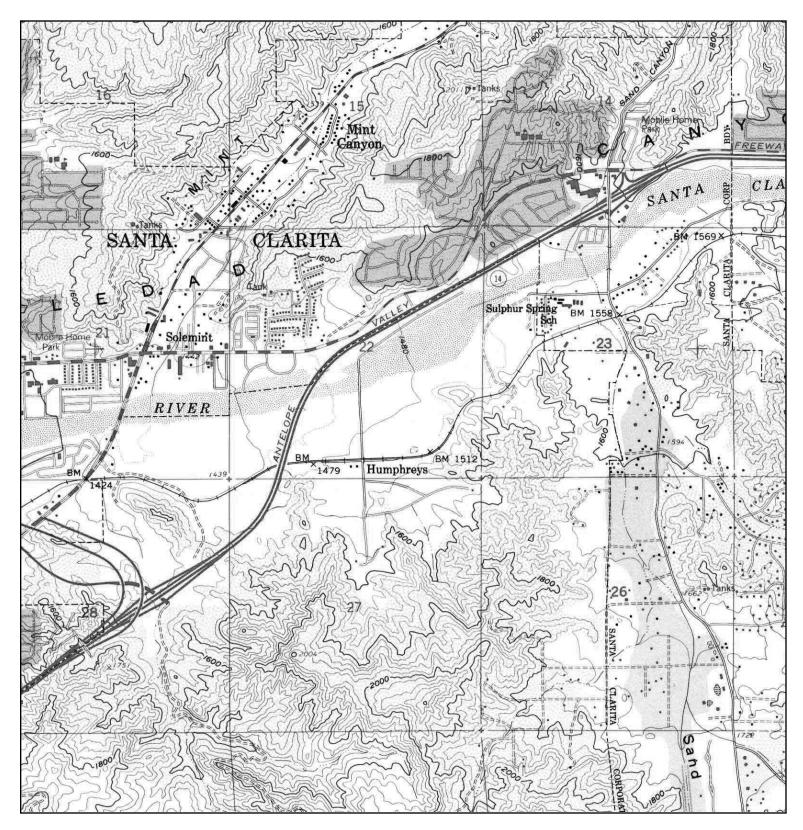


TARGET QUAD NAME: MINT CANYON MAP YEAR: 1988 PHOTOREVISED FROM:1960 SERIES: 7.5 SCALE: 1:24000

Ν

SITE NAME:Vista Canyon Ranch (APNs<br/>2840-004-009 & -021)ADDRESS:27556 Woodfall Road<br/>Santa Clarita, CA 91387LAT/LONG:34.4135 / 118.4377

CLIENT: R. T. Frankian & Associates CONTACT: Mark Frankian INQUIRY#: 1938528.4 RESEARCH DATE: 05/25/2007



TARGET QUAD NAME: MINT CANYON MAP YEAR: 1994 REVISED FROM:1960 SERIES: 7.5 SCALE: 1:24000

Ν

SITE NAME:Vista Canyon Ranch (APNs<br/>2840-004-009 & -021)ADDRESS:27556 Woodfall Road<br/>Santa Clarita, CA 91387LAT/LONG:34.4135 / 118.4377

CLIENT: R. T. Frankian & Associates CONTACT: Mark Frankian INQUIRY#: 1938528.4 RESEARCH DATE: 05/25/2007 Vista Canyon Ranch, LLC June 18, 2007 2007-019-51

# APPENDIX F

# ENVIRONMENTAL DATA RESOURCES INC.

# AERIAL PHOTO DECADE PACKAGE REPORT





# The EDR Aerial Photo Decade Package

Vista Canyon Ranch (APNs 2840-004-009 27556 Woodfall Road Santa Clarita, CA 91387

Inquiry Number: 1938528.5

May 25, 2007

# The Standard in Environmental Risk Information

440 Wheelers Farms Road Milford, Connecticut 06461

# Nationwide Customer Service

Telephone:1-80Fax:1-80Internet:www

1-800-352-0050 1-800-231-6802 www.edrnet.com

# **EDR Aerial Photo Decade Package**

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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

#### **Disclaimer - Copyright and Trademark Notice**

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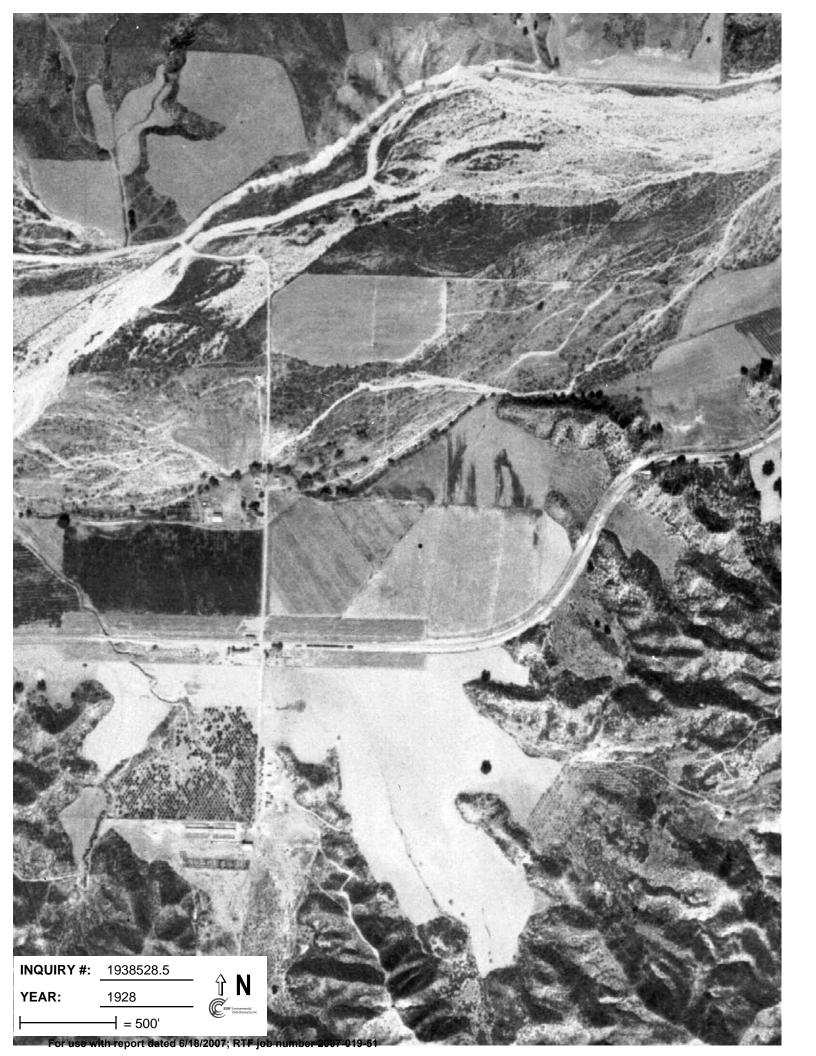
## **Date EDR Searched Historical Sources:**

Aerial Photography May 25, 2007

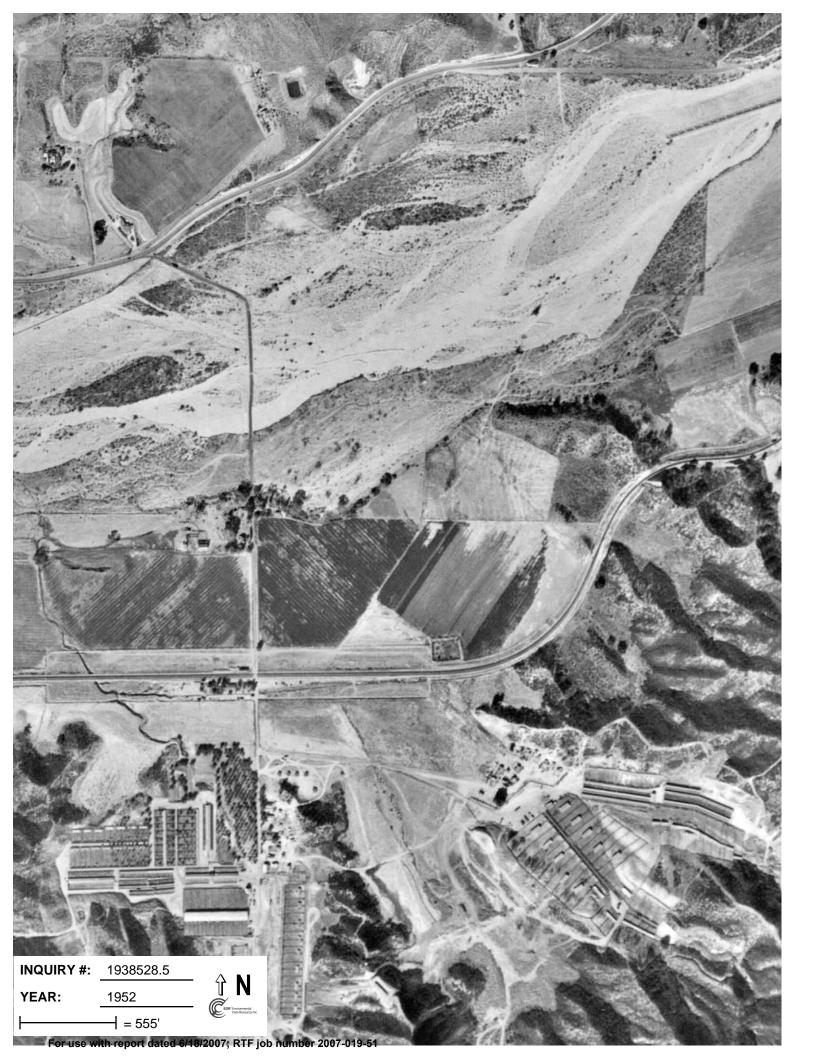
## **Target Property:**

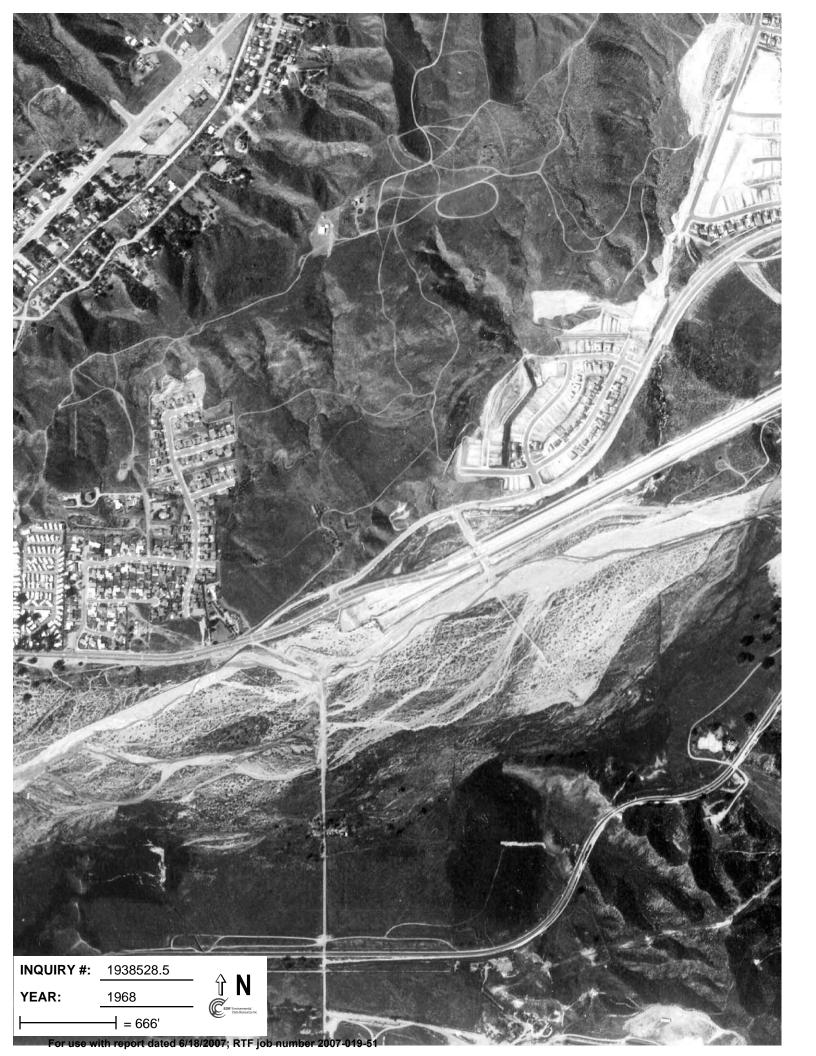
27556 Woodfall Road Santa Clarita, CA 91387

<u>Year</u>	Scale	Details	<u>Source</u>
1928	Aerial Photograph. Scale: 1"=500'	Flight Year: 1928	Fairchild
1947	Aerial Photograph. Scale: 1"=666'	Flight Year: 1947	Tubis
1952	Aerial Photograph. Scale: 1"=555'	Flight Year: 1952	Pacific Air
1968	Aerial Photograph. Scale: 1"=666'	Flight Year: 1968	Teledyne
1976	Aerial Photograph. Scale: 1"=666'	Flight Year: 1976	Teledyne
1989	Aerial Photograph. Scale: 1"=666'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=666'	Flight Year: 1994	USGS
2002	Aerial Photograph. Scale: 1"=666'	Flight Year: 2002	USGS

















Vista Canyon Ranch, LLC June 18, 2007 2007-019-51

## APPENDIX G

**TEST PIT LOGS** 



# Test Pit Logs Vista Canyon Ranch – Waldron Site

TEST PIT	DEPTH (ft)	DESCRIPTION
TP-1	0-5	Concrete Rubble and Soil: Loose, pebbly concrete with minor amounts of soil, approx 5-10% over 6 inches
	5-7	Fill: Brown clayey sand
	7-8	Alluvium: brown silty sand
	7.0	Note: No odors, staining or evidence of trash/waste disposal
		in the trench.
TP-2		
TP-1	0-5	Concrete Rubble and Soil: Loose, pebbly concrete with minor amounts of soil, approx 5-10% over 6 inches
	5-7	Fill: Brown clayey sand
	7-8	Alluvium: brown silty sand
		Note: No odors, staining or evidence of trash/waste disposal
		in the trench.
TP-1	0-5	Concrete Rubble and Soil: Loose, pebbly concrete with
		minor amounts of soil, approx 5-10% over 6 inches
	5-7	Fill: Brown clayey sand
	7-8	Alluvium: brown silty sand
	7.0	Note: No odors, staining or evidence of trash/waste disposal
		in the trench.
TP-1	0-5	Concrete Rubble and Soil: Loose, pebbly concrete with
11 - 1	0-5	minor amounts of soil, approx 5-10% over 6 inches
	5-7	Fill: Brown clayey sand
	7-8	Alluvium: brown silty sand
	7-0	Note: No odors, staining or evidence of trash/waste disposal
		in the trench.
TP-1	0-5	Concrete Rubble and Soil: Loose, pebbly concrete with
	00	minor amounts of soil, approx 5-10% over 6 inches
	5-7	Fill: Brown clayey sand
	7-8	Alluvium: brown silty sand
	, ,	Note: No odors, staining or evidence of trash/waste disposal
		in the trench.
TP-1	0-5	Concrete Rubble and Soil: Loose, pebbly concrete with
		minor amounts of soil, approx 5-10% over 6 inches
	5-7	Fill: Brown clayey sand
	7-8	Alluvium: brown silty sand
	7-0	Note: No odors, staining or evidence of trash/waste disposal
		in the trench.
TP-1	0-5	Concrete Rubble and Soil: Loose, pebbly concrete with
11-1	0-5	minor amounts of soil, approx 5-10% over 6 inches
	5-7	
	7-8	Fill: Brown clayey sand
	/-ð	Alluvium: brown silty sand
		Note: No odors, staining or evidence of trash/waste disposal
		in the trench.

TP-1	0-5	Concrete Rubble and Soil: Loose, pebbly concrete with
		minor amounts of soil, approx 5-10% over 6 inches
	5-7	Fill: Brown clayey sand
	7-8	Alluvium: brown silty sand
		Note: No odors, staining or evidence of trash/waste disposal
		in the trench.
TP-1	0-5	Concrete Rubble and Soil: Loose, pebbly concrete with
		minor amounts of soil, approx 5-10% over 6 inches
	5-7	Fill: Brown clayey sand
	7-8	Alluvium: brown silty sand
		Note: No odors, staining or evidence of trash/waste disposal
		in the trench.
TP-1	0-5	Concrete Rubble and Soil: Loose, pebbly concrete with
11-1	0-5	minor amounts of soil, approx 5-10% over 6 inches
	5-7	Fill: Brown clayey sand
	7-8	Alluvium: brown silty sand
	7-0	Note: No odors, staining or evidence of trash/waste disposal
		in the trench.
TD 1	0.5	
TP-1	0-5	Concrete Rubble and Soil: Loose, pebbly concrete with
	<i>с</i> <b>л</b>	minor amounts of soil, approx 5-10% over 6 inches
	5-7	Fill: Brown clayey sand
	7-8	Alluvium: brown silty sand
		Note: No odors, staining or evidence of trash/waste disposal
		in the trench.
TP-1	0-5	Concrete Rubble and Soil: Loose, pebbly concrete with
		minor amounts of soil, approx 5-10% over 6 inches
	5-7	Fill: Brown clayey sand
	7-8	Alluvium: brown silty sand
		Note: No odors, staining or evidence of trash/waste disposal
		in the trench.

Vista Canyon Ranch, LLC June 18, 2007 2007-019-51

### APPENDIX H

## LABORATORY RESULTS





2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

#### Ordered By

R. T. Frankian & Associates 1329 Scott Road Burbank, CA 91504-

Telephone: (818)531-1501 Attention: Keith Farrell

Number of Pages 27	
Date Received 06/04/2007	
Date Reported 06/19/2007	11.114.1

Job Number	Order Date	Client
42494	06/04/2007	RTFRAN

Project ID:2007-19-50Project Name:Vista CanyonSite:Vista Canyon

Enclosed please find results of analyses of 1 water and 2 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By:

lof

Approved By:

C.Kan

Cyrus Razmara, Ph.D. Laboratory Director

American Environmental Testing	l Envir	onmer	ital Te	sting	Laboratory Inc	ory In	പ		CHAI		UST SUST	CHAIN OF CUSTODY RECORI	ECORD	
Tel:         2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181           Tel:         (818)         285-8840 • www.aetlab.com	th Naomi Str 3TL • (818) 8	eet, Burbank 345-8200 • ]	, CA 91504 Fax: (818) 8	• DOHS N 845-8840 •	40: 1541, LACSD   www.aetlab.com	SD NO: 101 om	14	ce	626 62		į	e N	48111	
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CUSTODY SEALS Y / N / (NA)	×	SAMPLES	SAMPLES INTACT (V)N / NA	N / NA	<u>.                                    </u>	Printed Name:	Lith P	Fane 11	Printed Name:			Printed Name:		
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For use with report dated 06/18/2007; RTF Job No. 2007-019-51

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2834 & 2908 Tel: (888) 28	2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com	eet, Burbank. 345-8200 • I	CA 91504 <sup>7</sup> ax: (818) 8	• DOHS N 45-8840 •	IO: 1541, LACSD N www.aetlab.com	SD NO: 1018 om	14	čej  (	626 62	(+		MO	4811
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Telephone: (818)531-1501

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### ANALYTICAL RESULTS

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Attn:	Keith Farrell			
Page:	2			
Project ID:	2007-19-50	AETL Job Number	Submitted	Client
Project Nar	ne: Vista Canyon	42494	06/04/2007	RTFRAN

## Method: 8260B, Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 060707

Our Lab I.D.			Method Blank	42494.01		
Client Sample I.D.				HS-1		
Date Sampled				05/31/2007		
Date Prepared			06/07/2007	06/07/2007		
Preparation Method			5030B	5030B		
Date Analyzed			06/07/2007	06/07/2007		
Matrix			Aqueous	Aqueous		
Units			ug/L	ug/L		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
Acetone	, 10	10	ND	ND		
Benzene	0.5	1.0	ND	ND		
Bromobenzene (Phenyl bromide)	0.5	1.0	ND	ND		
Bromochloromethane	0.5	1.0	ND	ND		
Bromodichloromethane	0.5	1.0	ND	ND		
Bromoform (Tribromomethane)	2.5	5.0	ND	ND		
Bromomethane (Methyl bromide)	1.5	3.0	ND	ND		
2-Butanone (MEK)	5.0	5.0	ND	ND		
n-Butylbenzene	0.5	1.0	ND	ND		
sec-Butylbenzene	0.5	1.0	ND	ND		
tert-Butylbenzene	0.5	1.0	ND	ND		
Carbon Disulfide	0.5	1.0	ND	ND		
Carbon tetrachloride	0.5	1.0	ND	ND		
Chlorobenzene	0.5	1.0	ND	ND		
Chloroethane	1.5	3.0	ND	ND		
2-Chloroethyl vinyl ether	2.5	5.0	ND	ND		
Chloroform (Trichloromethane)	0.5	1.0	ND	ND		
Chloromethane (Methyl chloride)	1.5	3.0	ND	ND		
2-Chlorotoluene	0.5	1.0	ND	ND		
4-Chlorotoluene	0.5	1.0	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	2.5	5.0	ND	ND		
Dibromochloromethane	0.5	1.0	ND	ND		
1,2-Dibromoethane (EDB)	0.5	1.0	ND	ND		
Dibromomethane	0.5	1.0	ND	ND		
1,2-Dichlorobenzene	0.5	1.0	ND	ND		
1,3-Dichlorobenzene	0.5	1.0	ND	ND		
1,4-Dichlorobenzene	0.5	1.0	ND	ND		
Dichlorodifluoromethane	1.5	3.0	ND	ND		



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### ANALYTICAL RESULTS

Page:	3		
Project ID:	2007-19-50	AETL Job Number Submittd	Client
Project Name:	Vista Canyon	42494 06/04/200	7 RTFRAN

Method: 8260B, Volatile Organic Compounds by GC/MS (SW846) QC Batch No: 060707

Our Lab I.D.			Method Blanl	42494.01		
Client Sample I.D.				HS-1		
Date Sampled				05/31/2007		
Date Prepared			06/07/2007	06/07/2007		
Preparation Method			5030B	5030B		
Date Analyzed			06/07/2007	06/07/2007		
Matrix			Aqueous	Aqueous		
Units			ug/L	ug/L		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
1,1-Dichloroethane	0.5	1.0	ND	ND		
1,2-Dichloroethane (EDC)	0.5	1.0	ND	ND		
1,1-Dichloroethene	0.5	1.0	ND	ND		
cis-1,2-Dichloroethene	0.5	1.0	ND	ND		
trans-1,2-Dichloroethene	0.5	1.0	ND	ND		
1,2-Dichloropropane	0.5	1.0	ND	ND		
1,3-Dichloropropane	0.5	1.0	ND	ND		
2,2-Dichloropropane	0.5	1.0	ND	ND		
1,1-Dichloropropene	0.5	1.0	ND	ND		
cis-1,3-Dichloropropene	0.5	1.0	ND	ND		
trans-1,3-Dichloropropene	0.5	1.0	ND	ND		
Ethylbenzene	0.5	1.0	ND	ND		
Hexachlorobutadiene	1.5	3.0	ND	ND		
2-Hexanone	2.5	5.0	ND	ND		
Isopropylbenzene	0.5	1.0	ND	ND	 	
p-Isopropyltoluene	0.5	1.0	ND	ND		
4-Methyl-2-pentanone (MIBK)	2.5	5.0	ND	ND		-
Methyl-tert-butyl ether (MTBE)	0.5	1.0	ND	ND		
Methylene chloride (DCM)	2.0	4.0	ND	ND	 	
Naphthalene	0.5	1.0	ND	ND	 	
n-Propylbenzene	0.5	1.0	ND	ND	 	
Styrene	0.5	1.0	ND	ND	 	
1,1,1,2-Tetrachloroethane	0.5	1.0	ND	ND		
1,1,2-Tetrachloroethane	0.5	1.0	ND	ND	 	
Tetrachloroethene	0.5	1.0	ND	ND	 	
	0.5	1.0	ND	ND	 	
Toluene (Methyl benzene)	0.5	1.0	ND	ND		
1,2,3-Trichlorobenzene	0.5	1.0	ND	ND		
1,2,4-Trichlorobenzene	0.5	1.0	ND	ND	 	
1,1,1-Trichloroethane	0.5	1.0	ND	ND	 	
1,1,2-Trichloroethane	0.5	1.0	ND	ND	 	-
Trichloroethene		1.0	ND	ND		
Trichlorofluoromethane	0.5				 	
1,2,3-Trichloropropane	0.5	1.0	ND	ND	 	-
1,2,4-Trimethylbenzene	0.5	1.0	ND	ND	 	
1,3,5-Trimethylbenzene	0.5	1.0	ND	ND	 	
Vinyl Acetate	0.5	5.0	ND	ND		



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#### ANALYTICAL RESULTS

Page:	4			
Project ID:	2007-19-50	AETL Job Number	Submittd	Client
Project Name:	Vista Canyon	42494	06/04/2007	RTFRAN

#### Method: 8260B, Volatile Organic Compounds by GC/MS (SW846) QC Batch No: 060707

Our Lab I.D.			Method Blank	42494.01		
Client Sample I.D.				HS-1		
Date Sampled				05/31/2007		
Date Prepared			06/07/2007	06/07/2007		
Preparation Method			5030B	5030B		
Date Analyzed			06/07/2007	06/07/2007		
Matrix			Aqueous	Aqueous		
Units			ug/L	ug/L		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
Vinyl chloride (Chloroethene)	0.5	3.0	ND	ND		
o-Xylene	0.5	1.0	ND	ND		
m,p-Xylenes	1.0	2.0	ND	ND		

Our Lab I.D.			42494.01		
Surrogates	%Rec.Limit	% Rec	:. % Rec.		
Bromofluorobenzene	75-125	106	103		
Dibromofluoromethane	75-125	80	111		
Toluene-d8	75-125	91	94		

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### ANALYTICAL RESULTS

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Attn:	Keith Farrell		
Page:	5		
Project ID:	2007-19-50	AETL Job Number Submitted	Client
Project Nan	ne: Vista Canyon	42494 06/04/2007	RTFRAN

## Method: 8270C, Semivolatile Organic Compounds by GC/MS (SW-846)

#### QC Batch No: 060407

Our Lab I.D.			Method Blank		
Client Sample I.D.					
Date Sampled					 
Date Prepared			06/04/2007		 
Preparation Method			3510C		 
Date Analyzed			06/06/2007		 
Matrix			Aqueous		 
Units			ug/L	 	
Dilution Factor			1		
Analytes	MDL	PQL	Results		
Acenaphthene	5	10	ND	 	 
Acenaphthylene	5	10	ND		
Anthracene	5	10	ND		
Azobenzene	5	10	ND		
Benzidine	5	10	ND		
Benzo(a)anthracene	5	10	ND		
Benzo(a)pyrene	5	10	ND		
Benzo(b)fluoranthene	5	10	ND		
Benzo(g,h,i)perylene	5	10	ND		
Benzo(k)fluoranthene	5	10	ND		
Benzoic Acid	5	10	ND		
Benzyl Alcohol	5	10	ND		
Bis(2-Chloroethoxy)methane	5	10	ND		
Bis(2-Chloroethyl)ether	5	10	ND		
Bis(2-chloroisopropyl) ether	5	10	ND		
Bis(2-ethylhexyl) phthalate	5	10	ND		
4-Bromophenyl phenyl ether	5	10	ND		
Butyl benzyl phthalate	5	10	ND		
4-Chloro-3-methylphenol	5	10	ND		
4-Chloroaniline	5	10	ND		
2-Chloronaphthalene	5	10	ND		
2-Chlorophenol	5	10	ND		
4-Chlorophenyl phenyl ether	5	10	ND		
Chrysene	5	10	ND		
Di-n-butyl phthalate	5	10	ND		
Di-n-octyl phthalate (Dioctyl ester)	5	10	ND		
Dibenzo(a,h)anthracene	5	10	ND		
Dibenzofuran	5	10	ND		



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#### ANALYTICAL RESULTS

Page:	6		
Project ID:	2007-19-50	AETL Job Number Submittd	Client
Project Name:	Vista Canyon	42494 06/04/2007	RTFRAN

#### Method: 8270C, Semivolatile Organic Compounds by GC/MS (SW-846) QC Batch No: 060407

Our Lab I.D.			Method Blank	¢			
Client Sample I.D.							
Date Sampled							
Date Prepared			06/04/2007				
Preparation Method			3510C				
Date Analyzed			06/06/2007				
Matrix			Aqueous				
Units			ug/L				-
Dilution Factor			1				
Analytes	MDL	PQL	Results				
1,2-Dichlorobenzene	5	10	ND				
1,3-Dichlorobenzene	5	10	ND				
1,4-Dichlorobenzene	5	10	ND				
3,3'-Dichlorobenzidine	5	10	ND				
2,4-Dichlorophenol	5	10	ND				
Diethyl phthalate (Diethyl ester)	5	10	ND				
Dimethyl phthalate (Dimethyl ester)	5	10	ND				
2,4-Dimethylphenol	5	10	ND				
4,6-Dinitro-2-methylphenol	5	10	ND				
2,4-Dinitrophenol	5	10	ND				
2,4-Dinitrotoluene	5	10	ND				
2,6-Dinitrotoluene (2,6-DNT)	5	10	ND				
1,2-Diphenylhydrazine	5	10	ND				
Fluoranthene	5	10	ND			-	
Fluorene	5	10	ND				
Hexachlorobenzene	5	10	ND				
Hexachlorobutadiene	5	10	ND				
Hexachlorocyclopentadiene	5	10	ND				
Hexachloroethane	5	10	ND				
Indeno(1,2,3-cd)pyrene	5	10	ND				
Isophorone	5	10	ND				
2-Methylnaphthalene	5	10	ND		-		
4-Methylphenol	5	10	ND	-			
2-Methylphenol (2-Cresol)	5	10	ND		-		
3-Methylphenol (3-Cresol)	5	10	ND				
N-Nitroso-Di-n-propylamine	5	10	ND				
Naphthalene	5	10	ND				-
2-Nitroaniline	5	10	ND	-			
3-Nitroaniline	5	10	ND				
4-Nitroaniline	5	10	ND	-			
Nitrobenzene (NB)	5	10	ND				
4-Nitrophenol	5	10	ND				
2-Nitrophenol (o-Nitrophenol)	5	10	ND				
N-Nitrosodimethylamine	5	10	ND				-
N-nitrosodiphenylamine	5	10	ND				
Pentachlorophenol	5	10	ND				
	-						



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### ANALYTICAL RESULTS

Page:	7			
Project ID:	2007-19-50	AETL Job Number	Submittd	Client
Project Name:	Vista Canyon	42494	06/04/2007	RTFRAN

Method: 8270C, Semivolatile Organic Compounds by GC/MS (SW-846) QC Batch No: 060407

Our Lab I.D.			Method Blank		
Client Sample I.D.					
Date Sampled					
Date Prepared			06/04/2007	 	
Preparation Method			3510C	 	 
Date Analyzed			06/06/2007		
Matrix			Aqueous		
Units			ug/L		
Dilution Factor			1		
Analytes	MDL	PQL	Results		
Phenanthrene	5	10	ND		
Phenol	5	10	ND		
Pyrene	5	10	ND		
1,2,4-Trichlorobenzene	5	10	ND		
2,4,5-Trichlorophenol	5	10	ND		
2,4,6-Trichlorophenol	5	10	ND		

Our Lab I.D.					
Surrogates	%Rec.Limit		<pre>% Rec.</pre>		
2-Fluorophenol	25-121		74		
2-Fluorobiphenyl	30-115		84		
Nitrobenzene-d5	23-120		89		
Phenol-d5	24-113	<u>,</u>	80		
p-Terphenyl-D14	18-137		89		
2,4,6-Tribromophenol	19-122		95		



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### ANALYTICAL RESULTS

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Burbank, CA 91504-	

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Vista Canyon

Attn:	Keith Farrell			
Page:	8			
Project ID:	2007-19-50	AETL Job Number	Submitted	Client
Project Na	ne: Vista Canyon	42494	06/04/2007	RTFRAN

### Method: 8270C, Semivolatile Organic Compounds by GC/MS (SW-846)

#### QC Batch No: 060407

Our Lab I.D.			42494.01		
Client Sample I.D.			HS-1		
Date Sampled			05/31/2007		
Date Prepared			06/04/2007		
Preparation Method			3510C		 
Date Analyzed			06/06/2007		
Matrix			Aqueous		 
Units			ug/L		
Dilution Factor			3		 
Analytes	MDL	PQL	Results		
Acenaphthene	15	30	ND		
Acenaphthylene	15	30	ND		
Anthracene	15	30	ND		
Azobenzene	15	30	ND		
Benzidine	15	30	ND		
Benzo(a)anthracene	15	30	ND		
Benzo(a)pyrene	15	30	ND		
Benzo(b)fluoranthene	15	30	ND		
Benzo(g,h,i)perylene	15	30	ND		
Benzo(k)fluoranthene	15	30	ND		
Benzoic Acid	15	30	ND		
Benzyl Alcohol	15	30	ND		
Bis(2-Chloroethoxy)methane	15	30	ND		
Bis(2-Chloroethyl)ether	15	30	ND		
Bis(2-chloroisopropyl) ether	15	30	ND		
Bis(2-ethylhexyl) phthalate	15	30	ND		
4-Bromophenyl phenyl ether	15	30	ND		
Butyl benzyl phthalate	15	30	ND		
4-Chloro-3-methylphenol	15	30	ND		
4-Chloroaniline	15	30	ND		
2-Chloronaphthalene	15	30	ND		
2-Chlorophenol	15	30	ND		
4-Chlorophenyl phenyl ether	15	30	ND		
Chrysene	15	30	ND		
Di-n-butyl phthalate	15	30	ND		
Di-n-octyl phthalate (Dioctyl ester)	15	30	ND		
Dibenzo(a,h)anthracene	15	30	ND		



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### ANALYTICAL RESULTS

Page:	9			
Project ID:	2007-19-50	AETL Job Number	Submitted	Client
Project Name:	Vista Canyon	42494	06/04/2007	RTFRAN

Method: 8270C, Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 060407

Our Lab I.D.			42494.01			
Client Sample I.D.	<u>Charlen faith an a saule</u>	<u></u>	HS-1		an in the second state of the s	
Date Sampled			05/31/2007			
Date Prepared			06/04/2007			
Preparation Method			3510C			
Date Analyzed			06/06/2007			
Matrix			Aqueous			
Units			ug/L			
Dilution Factor			3			
Analytes	MDL	PQL	Results			
Dibenzofuran	15	30	ND			
1,2-Dichlorobenzene	15	30	ND			
1,3-Dichlorobenzene	15	30	ND			
1,4-Dichlorobenzene	15	30	ND			
3,3'-Dichlorobenzidine	15	30	ND			
2,4-Dichlorophenol	15	30	ND			
Diethyl phthalate (Diethyl ester)	15	30	ND			
Dimethyl phthalate (Dimethyl ester)	15	30	ND			
2,4-Dimethylphenol	15	30	ND			
4,6-Dinitro-2-methylphenol	15	30	ND			
2,4-Dinitrophenol	15	30	ND			
2,4-Dinitrotoluene	15	30	ND			
2,6-Dinitrotoluene (2,6-DNT)	15	30	ND			
1,2-Diphenylhydrazine	15	30	ND			
Fluoranthene	15	30	ND			
Fluorene	15	30	ND			
Hexachlorobenzene	15	30	ND			
Hexachlorobutadiene	15	30	ND			
Hexachlorocyclopentadiene	15	30	ND			
Hexachloroethane	15	30	ND			
Indeno(1,2,3-cd)pyrene	15	30	ND			
Isophorone	15	30	ND			
2-Methylnaphthalene	15	30	ND			
4-Methylphenol	15	30	ND			
2-Methylphenol (2-Cresol)	15	30	ND			
3-Methylphenol (3-Cresol)	15	30	ND			
N-Nitroso-Di-n-propylamine	15	30	ND			
Naphthalene	15	30	ND			
2-Nitroaniline	15	30	ND		 	
3-Nitroaniline	15	30	ND			
4-Nitroaniline	15	30	ND			
Nitrobenzene (NB)	15	30	ND			
4-Nitrophenol	15	30	ND	-		
2-Nitrophenol (o-Nitrophenol)	15	30	ND			
N-Nitrosodimethylamine	15	30	ND		 	



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#### ANALYTICAL RESULTS

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Project ID:	2007-19-50	AETL Job Number Submit	ted Client
Project Name:	Vista Canyon	42494 06/04/	2007 RTFRAN

Method: 8270C, Semivolatile Organic Compounds by GC/MS (SW-846)

QC Batch No: 060407

Our Lab I.D.			42494.01		
Client Sample I.D.			HS-1		
Date Sampled			05/31/2007		
Date Prepared			06/04/2007		
Preparation Method		3510C			
Date Analyzed		06/06/2007			
Matrix		Aqueous			
Units		ug/L			
Dilution Factor		3			
Analytes	MDL	PQL	Results		
N-nitrosodiphenylamine	15	30	ND		
Pentachlorophenol	15	30	ND		
Phenanthrene	15	30	ND		
Phenol	15	30	ND		
Pyrene	15	30	ND		
1,2,4-Trichlorobenzene	15	30	ND		
2,4,5-Trichlorophenol	15	30	ND		
2,4,6-Trichlorophenol	15	30	ND		
<u>C</u>					

Comment(s):

Our Lab I.D.

Surrogates

2-Fluorophenol

Analyzed under dilution due to matrix interference.

 42494.01
 42494.01

 % Rec.Limit
 % Rec.

 25-121
 74

 30-115
 85

2-Fluorobiphenyl	30-115	85	
Nitrobenzene-d5	23-120	87	
Phenol-d5	24-113	75	
p-Terphenyl-D14	18-137	93	
2,4,6-Tribromophenol	19-122	97	



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### ANALYTICAL RESULTS

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Telephone: (818)	531-1501			
Attn: Keith	Farrell			
Page:	11			
Project ID:	2007-19-50	AETL Job Number	Submitted	Client
Project Name:	Vista Canyon	42494	06/04/2007	RTFRAN

#### Method: M8015D, TPH as Diesel and Heavy Hydrocarbons Using GC/FID QC Batch No: 060407

Our Lab I.D.			Method Blank	42494.01		
Client Sample I.D.			HS-1			
Date Sampled			05/31/2007			
Date Prepared		06/04/2007	06/04/2007			
Preparation Method		3510C	3510C			
Date Analyzed			06/05/2007	06/05/2007		
Matrix			Aqueous	Aqueous		
Units			mg/L	mg/L		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
TPH as Diesel (C13-C22)	0.1	0.5	ND	ND		
TPH as Heavy Hydrocarbons (C23-C40)	0.1	0.5	ND	ND		
TPH Total as Diesel and Heavy HC.C13-C40	0.1	0.5	ND	ND		

Our Lab I.D.			42494.01		
Surrogates	%Rec.Limit	<pre>% Rec.</pre>	% Rec.		
Chlorobenzene	60-125	97	94		



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### ANALYTICAL RESULTS

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Attn:	Keith Farrell			
Page:	12			
Project ID:	2007-19-50	AETL Job Number	Submitted	Client
Project Nar		42494	06/04/2007	RTFRAN

## Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

QC Batch No: 060607

Our Lab I.D.			Method Blank	42494.02	42494.03	
Client Sample I.D.				TP-12	TP-24	
Date Sampled				05/30/2007	05/30/2007	
Date Prepared			06/06/2007	06/06/2007	06/06/2007	
Preparation Method			3050B	3050B	3050B	
Date Analyzed			06/06/2007	06/06/2007	06/06/2007	
Matrix			Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	
Analytes	MDL	PQL	Results	Results	Results	
Antimony	1.0	5.0	ND	ND	ND	
Arsenic	1.0	5.0	ND	1.30J	1.15J	
Barium	2.5	5.0	ND	76.5	91.0	
Beryllium	1.3	2.5	ND	ND	ND	
Cadmium	1.3	2.5	ND	1.55J	1.30J	
Chromium	2.5	5.0	ND	7.15	9.35	
Cobalt	2.5	5.0	ND	5.35	5.50	
Copper	2.5	5.0	ND	14.3	10.7	
Lead	2.5	5.0	ND	6.00	3.95J	
Mercury (By EPA 7471)	0.1	0.2	ND	ND	ND	
Molybdenum	2.5	5.0	ND	ND	ND	
Nickel	2.5	5.0	ND	6.85	7.05	
Selenium	1.0	5.0	ND	ND	ND	
Silver	2.5	5.0	ND	ND	ND	
Thallium	1.0	5.0	ND	ND	ND	
Vanadium	2.5	5.0	ND	14.2	16.1	
Zinc	2.5	5.0	ND	31.6	33.0	



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### ANALYTICAL RESULTS

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Telephone: (818) Attn: Keith	531-1501 Farrell			
Page:	13			
Project ID:	2007-19-50	AETL Job Number	Submitted	Client
Project Name:	Vista Canyon	42494	06/04/2007	RTFRAN

## Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 060507

Our Lab I.D.			Method Blank	42494.02	42494.03	
Client Sample I.D.				TP-12	TP-24	
Date Sampled				05/30/2007	05/30/2007	
Date Prepared			06/05/2007	06/05/2007	06/05/2007	
Preparation Method			5030B	5030B	5030B	
Date Analyzed			06/05/2007	06/05/2007	06/05/2007	
Matrix			Soil	Soil	Soil	
Units			ug/Kg	ug/Kg	ug/Kg	
Dilution Factor			1	1	1	
Analytes	MDL	PQL	Results	Results	Results	
Acetone	25	50	ND	ND	ND	
Benzene	2.0	10.0	ND	ND	ND	
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	
Bromochloromethane	5.0	10.0	ND	ND	ND	
Bromodichloromethane	5.0	10.0	ND	ND	ND	
Bromoform (Tribromomethane)	25	50	ND	ND	ND	
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	
2-Butanone (MEK)	25	50	ND	ND	ND	
n-Butylbenzene	5.0	10.0	ND	ND	ND	
sec-Butylbenzene	5.0	10.0	ND	ND	ND	
tert-Butylbenzene	5.0	10.0	ND	ND	ND	
Carbon Disulfide	25	50	ND	ND	ND	
Carbon tetrachloride	5.0	10.0	ND	ND	ND	
Chlorobenzene	5.0	10.0	ND	ND	ND	
Chloroethane	15	30	ND	ND	ND	
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	
2-Chlorotoluene	5.0	10.0	ND	ND	ND	
4-Chlorotoluene	5.0	10.0	ND	ND	ND	
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND	ND	ND	
Dibromochloromethane	5.0	10.0	ND	ND	ND	
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	
Dibromomethane	5.0	10.0	ND	ND	ND	
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	
Dichlorodifluoromethane	15	30	ND	ND	ND	



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#### ANALYTICAL RESULTS

Page:	14				
Project ID:	2007-19-50	AE	TL Job Number	Submittd	Client
Project Name:	Vista Canyon		42494	06/04/2007	RTFRAN

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846) QC Batch No: 060507

Our Lab I.D.			Method Blanl	42494.02	42494.03		
Client Sample I.D.				TP-12	TP-24		
Date Sampled				05/30/2007	05/30/2007		
Date Prepared			06/05/2007	06/05/2007	06/05/2007		
Preparation Method			5030B	5030B	5030B		
Date Analyzed			06/05/2007	06/05/2007	06/05/2007		
Matrix			Soil	Soil	Soil		
Units			ug/Kg	ug/Kg	ug/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
1,1-Dichloroethane	5.0	10.0	ND	ND	ND		
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND		
1,1-Dichloroethene	5.0	10.0	ND	ND	ND		
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND		
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND		
1,2-Dichloropropane	5.0	10.0	ND	ND	ND		
1,3-Dichloropropane	5.0	10.0	ND	ND	ND		
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	-	
1,1-Dichloropropene	5.0	10.0	ND	ND	ND		
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND		
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND		
Ethylbenzene	2.0	10.0	ND	ND	ND		
Hexachlorobutadiene	15	30	ND	ND	ND		
2-Hexanone	25	50	ND	ND	ND		
Isopropylbenzene	5.0	10.0	ND	ND	ND		
p-Isopropyltoluene	5.0	10.0	ND	ND	ND		
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND		
Methyl-tert-butyl ether (MTBE)	5.0	10.0	ND	ND	ND		
Methylene chloride (DCM)	25	50	ND	ND	ND		
Naphthalene	5.0	10.0	ND	ND	ND		
n-Propylbenzene	5.0	10.0	ND	ND	ND		
Styrene	5.0	10.0	ND	ND	ND		
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND		******
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND		
Tetrachloroethene	5.0	10.0	ND	ND	ND		
Toluene (Methyl benzene)	2.0	10.0	ND	ND	ND		
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND		
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND		
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND		
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND		
Trichloroethene	5.0	10.0	ND	ND	ND		
Trichlorofluoromethane	5.0	10.0	ND	ND	ND		
1,2,3-Trichloropropane	5.0	10.0	ND	ND	ND		
1,2,3-Trimethylbenzene	5.0	10.0	ND	ND	ND	-	
1,2,4-1 rimethylbenzene	5.0	10.0	ND	ND	ND		
	25	50	ND	ND	ND	-	
Vinyl Acetate	25						

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#### ANALYTICAL RESULTS

Page:	15			
Project ID:	2007-19-50	AETL Job Number	Submittd	Client
Project Name:	Vista Canyon	42494	06/04/2007	RTFRAN

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846) QC Batch No: 060507

Our Lab I.D.			Method Blank	42494.02	42494.03	
Client Sample I.D.				TP-12	TP-24	
Date Sampled				05/30/2007	05/30/2007	
Date Prepared			06/05/2007	06/05/2007	06/05/2007	
Preparation Method			5030B	5030B	5030B	
Date Analyzed			06/05/2007	06/05/2007	06/05/2007	
Matrix			Soil	Soil	Soil	
Units			ug/Kg	ug/Kg	ug/Kg	
Dilution Factor			1	1	1	
Analytes	MDL	PQL	Results	Results	Results	
Vinyl chloride (Chloroethene)	15	30	ND	ND	ND	
o-Xylene	2.0	10.0	ND	ND	ND	
m,p-Xylenes	2.0	20.0	ND	ND	ND	

Our Lab I.D.			42494.02	42494.03	
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	
Bromofluorobenzene	75-125	 105	115	106	
Dibromofluoromethane	75-125	92	102	90	
Toluene-d8	75-125	97	91	95	



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### ANALYTICAL RESULTS

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Attn:	Keith Farrell		
Page:	16		
Project ID:	2007-19-50	AETL Job Number Submitted Clie	nt
Project Nar		42494 06/04/2007 RTFR	AN

### Method: (8270C), Semivolatile Organic Compounds by GC/MS (SW-846)

#### QC Batch No: 060807

Our Lab I.D.			Method Blank	42494.02	42494.03	
Client Sample I.D.				TP-12	TP-24	
Date Sampled				05/30/2007	05/30/2007	
Date Prepared			06/08/2007	06/08/2007	06/08/2007	
Preparation Method			3550B	3550B	3550B	
Date Analyzed			06/11/2007	06/11/2007	06/11/2007	
Matrix			Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	
Analytes	MDL	PQL	Results	Results	Results	
Acenaphthene	0.25	0.50	ND	ND	ND	
Acenaphthylene	0.25	0.50	ND	ND	ND	
Anthracene	0.25	0.50	ND	ND	ND	
Azobenzene	0.25	0.50	ND	ND	ND	
Benzidine	0.25	0.50	ND	ND	ND	
Benzo(a)anthracene	0.25	0.50	ND	ND	ND	
Benzo(a)pyrene	0.25	0.50	ND	ND	ND	
Benzo(b)fluoranthene	0.25	0.50	ND	ND	ND	
Benzo(g,h,i)perylene	0.25	0.50	ND	ND	ND	
Benzo(k)fluoranthene	0.25	0.50	ND	ND	ND	
Benzoic Acid	0.25	0.50	ND	ND	ND	
Benzyl Alcohol	0.25	0.50	ND	ND	ND	
Bis(2-Chloroethoxy)methane	0.25	0.50	ND	ND	ND	
Bis(2-Chloroethyl)ether	0.25	0.50	ND	ND	ND	
Bis(2-chloroisopropyl) ether	0.25	0.50	ND	ND	ND	
Bis(2-ethylhexyl) phthalate	0.25	0.50	ND	ND	ND	
4-Bromophenyl phenyl ether	0.25	0.50	ND	ND	ND	
Butyl benzyl phthalate	0.25	0.50	ND	ND	ND	
4-Chloro-3-methylphenol	0.25	0.50	ND	ND	ND	
4-Chloroaniline	0.25	0.50	ND	ND	ND	
2-Chloronaphthalene	0.25	0.50	ND	ND	ND	
2-Chlorophenol	0.25	0.50	ND	ND	ND	
4-Chlorophenyl phenyl ether	0.25	0.50	ND	ND	ND	
Chrysene	0.25	0.50	ND	ND	ND	
Di-n-butyl phthalate	0.25	0.50	ND	ND	ND	
Di-n-octyl phthalate (Dioctyl ester)	0.25	0.50	ND	ND	ND	
Dibenzo(a,h)anthracene	0.25	0.50	ND	ND	ND	
Dibenzofuran	0.25	0.50	ND	ND	ND	

For use with report dated 06/18/2007; RTF Job No. 2007-019-51



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### ANALYTICAL RESULTS

Page:	17			
Project ID:	2007-19-50	AETL Job Number	Submittd	Client
Project Name:	Vista Canyon	42494	06/04/2007	RTFRAN

Method: (8270C), Semivolatile Organic Compounds by GC/MS (SW-846) QC Batch No: 060807

Our Lab I.D.			Method Blank	42494.02	42494.03	
Client Sample I.D.				TP-12	TP-24	
Date Sampled				05/30/2007	05/30/2007	
Date Prepared			06/08/2007	06/08/2007	06/08/2007	
Preparation Method			3550B	3550B	3550B	
Date Analyzed			06/11/2007	06/11/2007	06/11/2007	
Matrix			Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	
Analytes	MDL	PQL	Results	Results	Results	
1,2-Dichlorobenzene	0.25	0.50	ND	ND	ND	
1,3-Dichlorobenzene	0.25	0.50	ND	ND	ND	
1,4-Dichlorobenzene	0.25	0.50	ND	ND	ND	
3,3'-Dichlorobenzidine	0.25	0.50	ND	ND	ND	
2,4-Dichlorophenol	0.25	0.50	ND	ND	ND	
Diethyl phthalate (Diethyl ester)	0.25	0.50	ND	ND	ND	
Dimethyl phthalate (Dimethyl ester)	0.25	0.50	ND	ND	ND	
2,4-Dimethylphenol	0.25	0.50	ND	ND	ND	
4,6-Dinitro-2-methylphenol	0.25	0.50	ND	ND	ND	
2,4-Dinitrophenol	0.25	0.50	ND	ND	ND	 
2,4-Dinitrotoluene	0.25	0.50	ND	ND	ND	
2,6-Dinitrotoluene (2,6-DNT)	0.25	0.50	ND	ND	ND	
Fluoranthene	0.25	0.50	ND	ND	ND	
Fluorene	0.25	0.50	ND	ND	ND	
Hexachlorobenzene	0.25	0.50	ND	ND	ND	
Hexachlorobutadiene	0.25	0.50	ND	ND	ND	 
Hexachlorocyclopentadiene	0.25	0.50	ND	ND	ND	
Hexachloroethane	0.25	0.50	ND	ND	ND	 
	0.25	0.50	ND	ND	ND	 
Indeno(1,2,3-cd)pyrene	0.25	0.50	ND	ND	ND	 
Isophorone	0.25	0.50	ND	ND	ND	
2-Methylnaphthalene		0.50			ND	 
4-Methylphenol	0.25		ND	ND		 
2-Methylphenol (2-Cresol)	0.25	0.50	ND	ND	ND	 
3-Methylphenol (3-Cresol)	0.25	0.50	ND	ND	ND	 
N-Nitroso-Di-n-propylamine	0.25	0.50	ND	ND	ND	 
Naphthalene	0.25	0.50	ND	ND	ND	 
2-Nitroaniline	0.25	0.50	ND	ND	ND	 
3-Nitroaniline	0.25	0.50	ND	ND	ND	 
4-Nitroaniline	0.25	0.50	ND	ND	ND	 
Nitrobenzene (NB)	0.25	0.50	ND	ND	ND	 
4-Nitrophenol	0.25	0.50	ND	ND	ND	 
2-Nitrophenol (o-Nitrophenol)	0.25	0.50	ND	ND	ND	
N-nitrosodiphenylamine	0.25	0.50	ND	ND	ND	
Pentachlorophenol	0.25	0.50	ND	ND	ND	
Phenanthrene	0.25	0.50	ND	ND	ND	
Phenol	0.25	0.50	ND	ND	ND	



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### ANALYTICAL RESULTS

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Project ID:	2007-19-50	AETL Job Number	Submittd	Client
Project Name:	Vista Canyon	42494	06/04/2007	RTFRAN

Method: (8270C), Semivolatile Organic Compounds by GC/MS (SW-846) QC Batch No: 060807

Our Lab I.D.			Method Blank	42494.02	42494.03	
Client Sample I.D.	<u>- and an </u>			TP-12	TP-24	
Date Sampled				05/30/2007	05/30/2007	
Date Prepared			06/08/2007	06/08/2007	06/08/2007	
Preparation Method			3550B	3550B	3550B	
Date Analyzed			06/11/2007	06/11/2007	06/11/2007	
Matrix			Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	
Analytes	MDL	PQL	Results	Results	Results	
Pyrene	0.25	0.50	ND	ND	ND	
1,2,4-Trichlorobenzene	0.25	0.50	ND	ND	ND	
2,4,5-Trichlorophenol	0.25	0.50	ND	ND	ND	
2,4,6-Trichlorophenol	0.25	0.50	ND	ND	ND	

Our Lab I.D.			42494.02	42494.03	
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	
2-Fluorophenol	25-121	75	50	38	
2-Fluorobiphenyl	30-115	77	74	75	
Nitrobenzene-d5	23-120	79	72	74	
Phenol-d5	21-113	68	57	52	
p-Terphenyl-D14	18-137	82	82	77	
2,4,6-Tribromophenol	19-122	80	36	36	



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### ANALYTICAL RESULTS

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Site	
Vista Canyon	

Telephone: (818) Attn: Keith	531-1501 Farrell			
Page:	19			
Project ID:	2007-19-50	AETL Job Number	Submitted	Client
Project Name:	Vista Canyon	42494	06/04/2007	RTFRAN

#### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID QC Batch No: 060507

Our Lab I.D.			Method Blank	42494.02	42494.03	
Client Sample I.D.				TP-12	TP-24	
Date Sampled				05/30/2007	05/30/2007	
Date Prepared			06/05/2007	06/05/2007	06/05/2007	
Preparation Method			3550B	3550B	3550B	
Date Analyzed			06/05/2007	06/05/2007	06/05/2007	
Matrix			Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	
Analytes	MDL	PQL	Results	Results	Results	
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	ND	
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	ND	ND	
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	ND	ND	

Our Lab I.D.			42494.02	42494.03	
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	
Chlorobenzene	75-125	97	105	98	



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#### ANALYTICAL RESULTS

#### Ordered By

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Burbank, CA	91504-	

Site	
Vista Canyon	

Telephone: (818)	531-1501
Attn: Keith	Farrell
Page:	20
Project ID:	2007-19-50
Project Name:	Vista Canyon

AETL Job Number	Submitted	Client
42494	06/04/2007	RTFRAN

### Method: 8260B, Volatile Organic Compounds by GC/MS (SW846) QUALITY CONTROL REPORT

QC Batch No: 060707 ; Sample Spiked: 060707 LCS: Clean Water; QC Prepared: 06/07/2007; QC Analyzed: 06/07/2007;

Units: p	ppp
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	Sample	MS	MS	MS	MS DUP	MS DUP	MS DUP	RPD	MS/MSD	MS RPD
Analytes	Result	Concen	Recov	% REC	Concen	Recov	% REC	%	% Limit	% Limit
Benzene	0.0	50.00	49.00	98	50.00	50.00	100	2.0	75-125	<20
Chlorobenzene	0.0	50.00	49.00	98	50.00	49.00	98	<1	75-125	<20
1,1-Dichloroethene	0.0	50.00	60.50	121	50.00	58.00	116	4.2	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.0	50.00	62.00	124	50.00	59.50	119	4.1	75-125	<20
Toluene (Methyl benzene)	0.0	50.00	46.50	93	50.00	47.00	94	1.1	75-125	<20
Trichloroethene	0.0	50.00	60.00	120	50.00	62.00	124	3.3	75-125	<20

#### QC Batch No: 060707 ; Sample Spiked: 060707 LCS: Clean Water; QC Prepared: 06/07/2007; QC Analyzed: 06/07/2007;

			Ur	nits: ppb		 •	 
	LCS	LCS	LCS	LCS/LCSD			
Analytes	Concen	Recov	% REC	% Limit			
Benzene	50.00	49.50	99	75-125			
Chlorobenzene	50.00	49.00	98	75-125			
1,1-Dichloroethene	50.00	58.50	117	75-125			
Methyl-tert-butyl ether (MTBE)	50.00	58.50	117	75-125			
Toluene (Methyl benzene)	50.00	46.50	93	75-125			
Trichloroethene	50.00	62.00	124	75-125			
LCS							
Chloroform (Trichloromethane)	50.00	52.50	105	75-125			
Ethylbenzene	50.00	49.00	98	75-125			
1,1,1-Trichloroethane	50.00	54.00	108	75-125			
o-Xylene	50.00	47.00	94	75-125			
m,p-Xylenes	100.00	90.00	90	75-125			



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### ANALYTICAL RESULTS

#### Ordered By

R. T. Frankian & Associates 1329 Scott Road Burbank, CA 91504-

#### Site

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Telephone: (818): Attn: Keith				
Page:	21			
Project ID:	2007-19-50	AETL Job Number	Submitted	Client
Project Name:	Vista Canyon	42494	06/04/2007	RTFRAN

### Method: 8270C, Semivolatile Organic Compounds by GC/MS (SW-846)

#### QUALITY CONTROL REPORT

QC Batch No: 060407 ; Sample Spiked: 060407 LCS: Clean Water; QC Prepared: 06/04/2007; QC Analyzed: 06/06/2007;

Units:	ppb
--------	-----

	Sample	MS	MS	MS	MS DUP	MS DUP	MS DUP	RPD	MS/MSD	MS RPD
Analytes	Result	Concen	Recov	% REC	Concen	Recov	% REC	%	% Limit	% Limit
Acenaphthene	0.0	100.00	85.00	85	100.00	85.00	85	<1	46-118	<20
4-Chloro-3-methylphenol	0.0	200.00	190.00	95	200.00	192.00	96	1.0	39-98	<20
2-Chlorophenol	0.0	200.00	172.00	86	200.00	176.00	88	2.3	27-123	<20
1,4-Dichlorobenzene	0.0	100.00	66.00	66	100.00	67.00	67	1.5	36-97	<20
2,4-Dinitrotoluene	0.0	100.00	98.00	98	100.00	98.00	98	<1	24-96	<20
N-Nitroso-Di-n-propylamine	0.0	100.00	92.00	92	100.00	94.00	94	2.2	41-116	<20
4-Nitrophenol	0.0	200.00	68.00	34	200.00	72.00	36	5.7	10-80	<20
Pentachlorophenol	0.0	200.00	186.00	93	200.00	178.00	89	4.4	40-125	<20
Phenol	0.0	200.00	80.00	40	200.00	84.00	42	4.9	12-98	<20
Pyrene	0.0	100.00	127.00	127	100.00	93.00	93	30.9	26-127	<20
1,2,4-Trichlorobenzene	0.0	100.00	78.00	78	100.00	75.00	75	3.9	39-98	<20

#### QC Batch No: 060407 ; Sample Spiked: 060407 LCS: Clean Water; QC Prepared: 06/04/2007; QC Analyzed: 06/06/2007;

Units: ppb

			•.	into: ppp		-	 	
	LCS	LCS	LCS	LCS/LCSD				
Analytes	Concen	Recov	% REC	% Limit				
Acenaphthene	100.00	86.00	86	46-118	 			
4-Chloro-3-methylphenol	200.00	192.00	96	39-98				
2-Chlorophenol	200.00	156.00	78	27-123				
1,4-Dichlorobenzene	100.00	71.00	71	36-97				
2,4-Dinitrotoluene	100.00	101.00	101	24-96				
N-Nitroso-Di-n-propylamine	100.00	92.00	92	41-116				
4-Nitrophenol	200.00	84.00	42	10-80				
Pentachlorophenol	200.00	182.00	91	40-125				
Phenol	200.00	92.00	46	12-98				
Pyrene	100.00	93.00	93	26-127				
1,2,4-Trichlorobenzene	100.00	80.00	80	39-98				



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### ANALYTICAL RESULTS

#### Ordered By

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			55001at	US .	
1329	Scott R	oad			
Burba	nk, CA	91504			

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Site	
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Vista Cany			

Telephone	: (818)531-1501
Attn:	Keith Farrell

I age.		
Project ID:	2007-19-50	AETL Job Number Submitted Client
Project Name:	Vista Canyon	42494 06/04/2007 RTFRAN

### Method: M8015D, TPH as Diesel and Heavy Hydrocarbons Using GC/FID QUALITY CONTROL REPORT

QC Batch No: 060407 ; Sample Spiked: 060407 LCS: Clean Water; QC Prepared: 06/04/2007; QC Analyzed: 06/05/2007;

Units: ppm

	Sample	MS	MS	MS	MS DUP	MS DUP	MS DUP	RPD	MS/MSD	MS RPD
Analytes	Result	Concen	Recov	% REC	Concen	Recov	% REC	%	% Limit	% Limit
TPH as Diesel (C13-C22)	0.00	5.00	4.30	86	5.00	4.40	88	2.3	75-125	<20

#### QC Batch No: 060407 ; Sample Spiked: 060407 LCS: Clean Water; QC Prepared: 06/04/2007; QC Analyzed: 06/05/2007;

Units: ppm

	LCS	LCS	LCS	LCS/LCSD			
Analytes	Concen	Recov	% REC	% Limit			
TPH as Diesel (C13-C22)	5.00	4.65	93	75-125			



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#### ANALYTICAL RESULTS

#### Ordered By

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#### Site

Vista Canyon

Telephor	ne: (818)531-1501	
Attn:	Keith Farrell	
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Page:23Project ID:2007-19-50Project Name:Vista Canyon

AETL Job Number	Submitted	Client
42494	06/04/2007	RTFRAN

### Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846) QUALITY CONTROL REPORT

QC Batch No: 060607 ; Sample Spiked: 42459.01 LCS: Clean Sand; QC Prepared: 06/06/2007; QC Analyzed: 06/06/2007;

	Sample	MS	MS	MS	MS DUP	MS DUP	MS DUP	RPD	MS/MSD	MS RPD
Analytes	Result	Concen	Recov	% REC	Concen	Recov	% REC	%	% Limit	% Limit
Antimony	ND	1.00	0.85	85	1.00	1.00	100	16.2	80-120	<15
Arsenic	0.015	1.00	0.96	94	1.00	1.09	107	12.9	80-120	<15
Barium	1.44	1.00	2.29	85	1.00	2.54	110	25.6	80-120	<15
Beryllium	ND	1.00	0.93	93	1.00	1.07	107	14.0	80-120	<15
Cadmium	0.025	1.00	0.91	88	1.00	1.05	102	14.7	80-120	<15
Chromium	0.152	1.00	1.05	90	1.00	1.21	106	16.3	80-120	<15
Cobalt	0.116	1.00	1.02	90	1.00	1.14	102	12.5	80-120	<15
Copper	0.169	1.00	1.12	95	1.00	1.32	115	19.0	80-120	<15
Lead	0.035	1.00	0.93	89	1.00	1.04	100	11.6	80-120	<15
Mercury (By EPA 7471)	0.001	0.01	0.01	117	0.01	0.01	117	<1	80-120	<15
Molybdenum	0.009	1.00	0.97	96	1.00	1.09	108	11.8	80-120	<15
Nickel	0.097	1.00	0.97	87	1.00	1.10	100	13.9	80-120	<15
Selenium	ND	1.00	0.83	83	1.00	0.92	92	10.3	80-120	<15
Silver	ND	1.00	0.90	90	1.00	1.06	106	16.3	80-120	<15
Thallium	0.006	1.00	0.91	90	1.00	1.02	101	11.5	80-120	<15
Vanadium	0.507	1.00	1.38	87	1.00	1.61	110	23.4	80-120	<15
Zinc	0.661	1.00	1.50	84	1.00	1.75	109	25.9	80-120	<15

QC Batch No: 060607 ; Sample Spiked: 42459.01 LCS: Clean Sand; QC Prepared: 06/06/2007; QC Analyzed: 06/06/2007;

<b></b> ,,,,,,,	Units: ppm									
	LCS	LCS	LCS	LCS/LCSD						
Analytes	Concen	Recov	% REC	% Limit						
Antimony	1.00	0.93	93	80-120						
Arsenic	1.00	0.98	98	80-120						
Barium	1.00	0.99	99	80-120						
Beryllium	1.00	1.00	100	80-120						
Cadmium	1.00	1.01	101	80-120						
Chromium	1.00	0.98	98	80-120						
Cobalt	1.00	0.99	99	80-120						
Copper	1.00	0.97	97	80-120						
Lead	1.00	0.98	98	80-120						
Mercury (By EPA 7471)	0.01	0.01	108	80-120						
Molybdenum	1.00	1.00	100	80-120						

For use with report dated 06/18/2007; RTF Job No. 2007-019-51



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### ANALYTICAL RESULTS

Page:	24			
Project ID:	2007-19-50	AETL Job Number	Submittd	Client
Project Name:	Vista Canyon	42494	06/04/2007	RTFRAN

### Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

#### QC Batch No: 060607 ; Sample Spiked: 42459.01 LCS: Clean Sand; QC Prepared: 06/06/2007; QC Analyzed: 06/06/2007;

Units: ppm

	LCS	LCS	LCS	LCS/LCSD			
Analytes	Concen	Recov	% REC	% Limit			
Nickel	1.00	0.99	99	80-120			
Selenium	1.00	1.01	101	80-120			
Silver	1.00	0.93	93	80-120			
Thallium	1.00	1.03	103	80-120			
Vanadium	1.00	0.99	99	80-120			
Zinc	1.00	1.03	103	80-120			



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### ANALYTICAL RESULTS

Ord	ler	ed	By

ordered	Ву
R. T. Franki	an & Associates
1329 Scott F	Road
Burbank, CA	A 91504-

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Telephone	: (818)531-1501
Attn:	Keith Farrell

Page:	25			·
Project ID:	2007-19-50	AETL Job Number	Submitted	Client
Project Name:	Vista Canyon	42494	06/04/2007	RTFRAN

### Method: (8260B), Volatile Organic Compounds by GC/MS (SW846) QUALITY CONTROL REPORT

QC Batch No: 060507 ; Sample Spiked: 060507 LCS: Clean Sand; QC Prepared: 06/05/2007; QC Analyzed: 06/05/2007;

Units:	ppb
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					T					
	Sample	MS	MS	MS	MS DUP	MS DUP	MS DUP	RPD	MS/MSD	MS RPD
Analytes	Result	Concen	Recov	% REC	Concen	Recov	% REC	%	% Limit	% Limit
Benzene	0.0	50.00	48.00	96	50.00	49.00	98	2.1	75-125	<20
Chlorobenzene	0.0	50.00	47.50	95	50.00	48.00	96	1.0	75-125	<20
1,1-Dichloroethene	0.0	50.00	48.50	97	50.00	50.50	101	4.0	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.0	50.00	46.50	93	50.00	50.50	101	8.2	75-125	<20
Toluene (Methyl benzene)	0.0	50.00	46.00	92	50.00	45.50	91	1.1	75-125	<20
Trichloroethene	0.0	50.00	45.50	91	50.00	48.00	96	5.3	75-125	<20

#### QC Batch No: 060507 ; Sample Spiked: 060507 LCS: Clean Sand; QC Prepared: 06/05/2007; QC Analyzed: 06/05/2007;

			Ui	nits: ppb	 		 	
	LCS	LCS	LCS	LCS/LCSD				
Analytes	Concen	Recov	% REC	% Limit		-		
Benzene	50.00	43.50	87	75-125				
Chlorobenzene	50.00	44.50	89	75-125				
1,1-Dichloroethene	50.00	43.00	86	75-125				
Methyl-tert-butyl ether (MTBE)	50.00	52.50	105	75-125				
Toluene (Methyl benzene)	50.00	41.00	82	75-125				
Trichloroethene	50.00	40.00	80	75-125				
LCS								
Chloroform (Trichloromethane)	50.00	49.00	98	75-125				
Ethylbenzene	50.00	44.00	88	75-125				
1,1,1-Trichloroethane	50.00	41.50	83	75-125				
o-Xylene	50.00	45.50	91	75-125				
m,p-Xylenes	100.00	88.00	88	75-125				



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### ANALYTICAL RESULTS

Ordered By	Site
R. T. Frankian & Associates	Vista C
1329 Scott Road	
Burbank, CA 91504-	

/ista Canyon

Telephone Attn:	: (818)531-150 Keith Farrell	1					
Page:	26	1 0	F 0				

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Project ID:	2007-19-50	AETL Job Number Submitted	Client
Project Name:	Vista Canyon	42494 06/04/200	7 RTFRAN

### Method: (8270C), Semivolatile Organic Compounds by GC/MS (SW-846) QUALITY CONTROL REPORT

QC Batch No: 060807 ; Sample Spiked: 060807 LCS: Clean Sand; QC Prepared: 06/08/2007; QC Analyzed: 06/11/2007;

Units:	ppm
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	Sample	MS	MS	MS	MS DUP	MS DUP	MS DUP	RPD	MS/MSD	MS RPD
Analytes	Result	Concen	Recov	% REC	Concen	Recov	% REC	%	% Limit	% Limit
Acenaphthene	0.0	5.00	3.90	78	5.00	4.05	81	3.8	46-118	<20
4-Chloro-3-methylphenol	0.0	10.00	8.30	83	10.00	8.30	83	<1	39-98	<20
2-Chlorophenol	0.0	10.00	7.80	78	10.00	7.80	78	<1	27-123	<20
1,4-Dichlorobenzene	0.0	5.00	3.65	73	5.00	3.75	75	2.7	36-97	<20
2,4-Dinitrotoluene	0.0	5.00	4.15	83	5.00	4.25	85	2.4	24-96	<20
N-Nitroso-Di-n-propylamine	0.0	5.00	4.05	81	5.00	4.10	82	1.2	41-116	<20
4-Nitrophenol	0.0	10.00	6.60	66	10.00	6.60	66	<1	10-80	<20
Pentachlorophenol	0.0	10.00	7.90	79	10.00	8.20	82	3.7	40-125	<20
Phenol	0.0	10.00	7.50	75	10.00	7.60	76	1.3	12-89	<20
Pyrene	0.0	5.00	4.40	88	5.00	4.55	91	3.4	26-127	<20
1,2,4-Trichlorobenzene	0.0	5.00	4.15	83	5.00	4.20	84	1.2	39-98	<20

QC Batch No: 060807 ; Sample Spiked: 060807 LCS: Clean Sand; QC Prepared: 06/08/2007; QC Analyzed: 06/11/2007;

Units: ppm

			•	nto: ppin			
	LCS	LCS	LCS	LCS/LCSD			
Analytes	Concen	Recov	% REC	% Limit			
Acenaphthene	5.00	3.90	78	31-137			
4-Chloro-3-methylphenol	10.00	8.90	89	40-99			
2-Chlorophenol	10.00	7.70	77	25-102	 		
1,4-Dichlorobenzene	5.00	3.55	71	28-104			
2,4-Dinitrotoluene	5.00	4.25	85	28-89			
N-Nitroso-Di-n-propylamine	5.00	4.15	83	41-126			
4-Nitrophenol	10.00	6.40	64	11-114			
Pentachlorophenol	10.00	6.80	68	17-125			
Phenol	10.00	7.70	77	26-90			
Pyrene	5.00	3.90	78	35-142			
1,2,4-Trichlorobenzene	5.00	4.40	88	38-107			



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#### ANALYTICAL RESULTS

Ordered By	Site
R. T. Frankian & Associates	Vista Canyon
1329 Scott Road	
Burbank, CA 91504-	

Telephone: (818)531-1501 Attn: Keith Farrell

Page:	27			
Project ID:	2007-19-50	AETL Job Number	Submitted	Client
Project Name:	Vista Canyon	42494	06/04/2007	RTFRAN

### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID QUALITY CONTROL REPORT

QC Batch No: 060507 ; Sample Spiked: 060507 LCS: Clean Sand; QC Prepared: 06/05/2007; QC Analyzed: 06/05/2007;

Units: ppm

	Sample	MS	MS	MS	MS DUP	MS DUP	MS DUP	RPD	MS/MSD	MS RPD
Analytes	Result	Concen	Recov	% REC	Concen	Recov	% REC	%	% Limit	% Limit
TPH as Diesel (C13-C22)	0.00	500.00	425.00	85	500.00	390.00	78	8.6	75-125	<20

#### QC Batch No: 060507 ; Sample Spiked: 060507 LCS: Clean Sand; QC Prepared: 06/05/2007; QC Analyzed: 06/05/2007;

Units: ppm

	LCS	LCS	LCS	LCS/LCSD			
Analytes	Concen	Recov	% REC	% Limit			
TPH as Diesel (C13-C22)	500.00	435.00	87	75-125			



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## Data Qualifiers and Descriptors

### Data Qualifier:

*.	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

### Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



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## Data Qualifiers and Descriptors

- MS: Matrix Spike
- MS DU: Matrix Spike Duplicate
- ND: Analyte was not detected in the sample at or above MDL.
- PQL: Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
- Recov: Recovered concentration in the sample.
- RPD: Relative Percent Difference