# **APPENDIX E**

## Phase I Environmental Site Assessment and Limited Phase II Soil Sampling Report

## PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT 20-ACRE WEST PROPERTY SOUTHWEST CORNER OF LITTON AVENUE AND BOSTICK AVENUE COLTON, SAN BERNARDINO COUNTY CALIFORNIA

Prepared For:

## **MR. SCOTT MCKHANN**

1448 Andalusian Drive Norco, California 92860

Project No. 021906-002

April 25, 2006



Leighton and Associates, Inc.

A LEIGHTON GROUP COMPANY



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April 25, 2006

Project No. 021906-002

#### To: Mr. Scott McKhann 1448 Andalusian Drive Norco, California 92860

Attention: Mr. Scott McKhann

Subject: Phase I Environmental Site Assessment Report, 20-Acre West Property – Southwest Corner of Litton Avenue and Bostick Avenue, Colton, California

Leighton and Associates is pleased to present this Phase I Environmental Site Assessment Report for the subject Site.

If you have questions regarding this report, please contact us. We appreciate the opportunity to be of service.

Respectfully submitted,

LEIGHTON AND ASSOCIATES, INC.

Philip L. Gilchrist Senior Staff Scientist

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PG/AMC/

Distribution: (3) Addressee

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#### EXECUTIVE SUMMARY

Leighton and Associates, Inc. (Leighton and Associates) performed a Phase I Environmental Site Assessment (ESA) of the property located on the 20-Acre West Property – Southwest Corner of Litton Avenue and Bostick Avenue, Colton, California (referred to as the Site – Figure 1). The purpose of this ESA was to identify, to the extent feasible pursuant to the processes prescribed in the American Society for Testing and Materials (ASTM) Practice E1527-00, recognized environmental conditions (RECs) in connection with the Site. Exceptions to, or deletions from, this practice are described in Section 1.5 of this report. The scope of work for this Phase I ESA included: records review, site reconnaissance, interviews, and report preparation.

On April 6, 2005, Leighton and Associates personnel conducted a reconnaissance-level visit of the Site to observe and document existing site conditions and the nature of the neighboring property development within 0.25-miles of the Site. The Site is approximately 19.1 acres in size and is currently undeveloped. The western and southern portions of the property are steeply sloping towards the center of the Site, and are terraced due to former use of the Site as an orchard. A natural drainage channel exists in the southwestern corner of the Site and appears to drain to the east. The southeastern corner of the Site is undeveloped land that does not appear to have been used as an orchard. Then entire site is overgrown with approximately 18-inch high wild grass.

The Site is bounded to the north by Litton Avenue, to the east by Bostick Avenue, and to the south and west by the La Loma Hills. The immediate site vicinity consists of residences adjacent to the north across Litton Avenue and to the east across Bostick Avenue for approximately 0.5-miles.

Leighton and Associates conducted a search of selected government databases using Environmental Data Resources, Inc. (EDR) environmental database report system. Regulatory database lists were reviewed for cases pertaining to leaking underground storage tanks (LUSTs), above ground storage tanks (ASTs), hazardous waste sites, and abandoned sites within the specified radii of standards established by the ASTM E1527-00. The Site was not listed in the databases reviewed. Several mapped sites were found within the ASTM E1527-00 search radius by EDR, however, the report did not identify facilities that appear to represent a potential source of migration of hazardous substances to soil or groundwater beneath the Site.

There is no Sanborn map coverage for the Site and the Site does not appear in City Directory sources reviewed. Listings for adjacent properties were limited to residential listings



This assessment has revealed no evidence of RECs in connection with the property with the exception of:

- Historical use of the Site as orchards indicates there is potential for soil impacts from use of
  pesticides and smudge pots. However, based on the analytical results, it is Leighton and
  Associates opinion that the Site has not been significantly impacted by the use of pesticides on
  the Site. The presence of trace amounts of heavy-end hydrocarbons on the Site appear to
  indicate that smudge pots may have been utilized on the Site. However, based on the low
  detectable amounts of hydrocarbons, the absence of detectable PAHs, the potential for
  significant impact of the Site from smudge pots is considered to be low.
- Based on the presence of concrete irrigation pipes on the Site, there is potential for asbestoscontaining materials to be present on the Site.

Based upon the findings of this Phase I ESA, Leighton and Associates recommends:

- An asbestos survey should be conducted on the Site, in order to evaluate the potential for asbestos-containing materials to be located on the Site.
- Soil sampling should be conducted to evaluate the Site for the presence of organochlorine pesticides (OCPs), total petroleum hydrocarbons (TPHs), polyaromatic hydrocarbons (PAHs), and California Code of Regulations Title 22 Metals.

In general, observations should be made during future site development for areas of possible contamination such as, but not limited to, the presence of underground facilities, buried debris, waste drums, tanks, and stained or odorous soils. Should such materials be encountered, further investigation and analysis may be necessary at that time.



#### **1.0 INTRODUCTION**

#### 1.1 <u>Authorization</u>

Leighton and Associates, Inc. (Leighton and Associates) performed a Phase I Environmental Site Assessment (ESA) of the property located on the 20-Acre West Property – Southwest Corner of Litton Avenue and Bostick Avenue, Colton, California (referred to as the Site – Figure 1) in accordance with Mr. Scott McKhann's authorization.

#### 1.2 Purpose

The purpose of the Phase I ESA was to identify, to the extent feasible pursuant to the processes prescribed in the American Society for Testing and Materials (ASTM) Practice E1527-00, recognized environmental conditions (RECs) in connection with the Site. RECs are defined as: *"the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property". The term includes hazardous substances or petroleum products in compliance with laws. The term is not intended to include <i>de minimus* conditions that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

#### 1.3 Scope of Work

The scope of work was performed in accordance with Leighton and Associates' proposal and included the following tasks:

- A reconnaissance-level visit of the Site for evidence of the release(s) of hazardous materials and petroleum products and to assess the potential for onsite releases of hazardous materials and petroleum products;
- Records Review (including review of previous environmental reports, selected governmental databases, and historical review);
- Interviews; and
- Preparation of a report presenting our findings.



#### 1.4 Significant Assumptions

Leighton and Associates assumes that the purpose of this ESA is to provide appropriate inquiry into the previous ownership and use of the Site so that the client may qualify for the "innocent landowner defense" under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA, 42 USC subparagraphs 9601(35) and 9607(b)(3)). Leighton and Associates also assumes that the information provided by the Client, regulatory database provider, and regulatory agencies is true and reliable.

#### 1.5 Limitations and Exceptions

Site-specific activities performed by Leighton and Associates and information collected regarding these activities are summarized in the following sections. The findings of this ESA are presented in Section 7.0. Opinions and conclusions drawn by Leighton and Associates, based on the information collected as part of the ESA, are presented in Sections 8.0 and 9.0, respectively.

This ESA was conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions.

The observations and conclusions presented in this report are professional opinions based on the scope of activities, work schedule, and information obtained through the ESA described herein. Opinions presented herein apply to site conditions existing at the time of our study and cannot necessarily be taken to apply to site conditions or changes that we are not aware of or have not had the opportunity to evaluate. It must be recognized that conclusions drawn from these data are limited to the amount, type, distribution, and integrity of the information collected at the time of the investigation, the methods utilized to collect and evaluate the data, and that a full and complete evaluation of environmental risks cannot be made. Although Leighton and Associates has taken steps to obtain true copies of available information, we make no representation or warranty with respect to the accuracy or completeness of this information.

#### 1.6 Special Terms and Conditions

The scope of work for this Phase I ESA did not include testing of electrical equipment for the presence of polychlorinated biphenyls (PCBs) or collection of other environmental samples such as air, soil, water, building materials, or paint; assessment of natural hazards such as naturally occurring asbestos, radon gas, or methane gas; assessment of



the potential presence of radionuclides; or assessment of nonchemical hazards such as the potential for damage from earthquakes or floods, or the presence of endangered species, wetlands, or wildlife habitats. This ESA also did not include an extensive assessment of the environmental compliance status of the Site or of the businesses operating at the Site, or a health-based risk assessment.

#### 1.7 <u>User Reliance</u>

This report is for the exclusive use of the Client, Mr. Scott McKhann. Use of this report by another party shall be at such party's sole risk.

#### 1.8 Important Information About Geoenvironmental Reports

The Client is referred to Appendix I regarding important information provided by the Associated Soil and Foundation Engineers (ASFE) on geoenvironmental studies and reports.



#### 2.0 SITE DESCRIPTION

#### 2.1 <u>Site Location and Legal Description</u>

The Site is located near the southwest corner of Litton Avenue and Bostick Avenue, in the City of Colton, San Bernardino County, California (Figure 1). The County of San Bernardino Assessor's office designates the Site as Assessor Parcel Numbers (APNs) 0275-081-001, and -002. The Site is further legally described in EDR Environmental Lien report (Appendix C) as:

All that certain piece or parcel of land being a portion of Lot 11, Rosedale Tract, as per map recorded in Book 12 of maps page 41 and a portion of Section 31, Township 1 South, Range 5 West and a portion of Section 36, Township 1 South Range 4 West, San Bernardino Base and Meridian, lying and situate, in the City of Colton, County of San Bernardino, State of California.

According to additional historical resources, including historical topographic maps and assessors parcel maps, the township, range, and section information reported in the EDR Environmental Lien Report does not appear to be correct. It appears the Site lies only in Section 36, Township 1 South, Range 4 West, San Bernardino Base and Meridian, lying and situate, in the City of Colton, County of San Bernardino, State of California.

#### 2.2 <u>Site and Vicinity General</u>

The Site is bounded to the north and east by Litton Avenue and Bostick Avenue Respectively (Figure 2).

The surrounding area is primarily residential to the north and east, and undeveloped to the south and west. Residential developments are located to the east of the Site and approximately 0.5-mile east of the Site, across La Cadena Drive is commercial usage. Roads in the vicinity include Litton Avenue adjacent to the north, Bostick Avenue adjacent to the east, La Cadena Drive approximately 0.5-mile east of the Site, Walker Avenue to the east, and the Riverside Freeway (Interstate 215), is located approximately 0.75-mile southeast of the Site.

#### 2.3 Current Use of the Site

The Site is currently undeveloped, with the exception of agricultural terracing on the northern slopes of the Site, which are not currently in use.



## 2.4 Descriptions of Structures, Roads, and Other Improvements on the Site

The Site is currently undeveloped. Several dirt roads cross the Site.

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#### 3.0 USER PROVIDED INFORMATION

The user of this Phase I ESA is identified as the Client, Mr. Scott McKhann.

#### 3.1 <u>Title Records</u>

No preliminary title report was provided by the Client.

#### 3.2 Environmental Liens or Activity and Use Limitations

Evidence of environmental liens was not disclosed to Leighton and Associates. Leighton and Associates did review an Environmental Lien Search Report, conducted by Environmental Data Resources, Inc. (EDR), which revealed no environmental liens on the property. A copy of this report is included in Appendix C

#### 3.3 <u>Specialized Knowledge</u>

Specialized knowledge regarding the Site was not disclosed to Leighton and Associates.

#### 3.4 Valuation Reduction for Environmental Issues

Evidence of valuation reduction for environmental issues was not disclosed to Leighton and Associates.

#### 3.5 Owner, Property Manager, and Occupant Information

Leighton and Associates personnel interviewed Mr. David West, a member of the Board of Directors for W&P La Loma Hills, Inc., the property owner, and a member of the West family who purchased the property in the early 1970s. Mr. West advised that the Site had been used as orange groves in the past, the Site had been cleared of the orchards prior to his families purchase of the land, and that he believes smudge pots were commonly used on the property.

#### 3.6 Reason for Performing Phase I ESA

Leighton and Associates assumes that the purpose of this ESA is to provide appropriate inquiry into the previous ownership and use of the Site, so that the Client may qualify for the "innocent landowner defense" under CERCLA (42 USC subparagraphs 9601(35) and 9607(b)(3)).



## 3.7 <u>Other</u>

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The Client did not provide additional information regarding the Site.



#### 4.0 RECORDS REVIEW

#### 4.1 <u>Standard Environmental Record Sources</u>

A search of selected government databases was conducted by Leighton and Associates using Environmental Data Resources, Inc. (EDR) environmental database report system. Details of the database search along with descriptions of each database researched are provided in the EDR Radius Map report (Appendix C). The report meets the government records search requirements of ASTM E1527-00 *Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process.* The database listings were reviewed within the specified radii established by the ASTM E1527-00.

#### 4.1.1 <u>Site</u>

The Site was not identified in the database search.

#### 4.1.2 Offsite

<u>Federal NPL List</u>: The Environmental Protection Agency's (EPA) National Priorities List (NPL) of uncontrolled or abandoned hazardous waste sites was reviewed for sites within 1.0-mile radius of the Site. To appear on the NPL, sites must have met or exceeded predetermined hazard ranking system score, been chosen as a State's top priority site, pose a significant health or environmental threat, or be a site where the EPA has evaluated that remedial action is more cost effective than a removal action. The database search did not identify NPL sites within 1.0-mile of the Site.

<u>Federal CERCLIS List</u>: The EPA's Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) listings were reviewed to evaluated if sites within 0.5-mile of the Site are listed for investigation. The CERCLIS database identifies hazardous waste sites that require investigation and possible remedial action to mitigate potential negative impacts on human health or the environment. The database search identified one Federal or State equivalent CERCLIS facilities within 0.5-miles of the Site.

• San Bernardino County Landfill, La Cadena Avenue and Tropico Rancho Avenue is located approximately 0.39-miles northeast of and down-gradient from the Site. The facility is suspected of releasing low levels of hazardous materials into surface and groundwater. The Regional Water Quality Control



Board is monitoring the facility and has issued orders to mitigate the release. The facility is down-gradient from the Site and does not appear to have the potential to adversely affect the Site.

<u>Federal RCRA Lists</u>: The current Resource Conservation Recovery Act (RCRA) Notifiers List was reviewed to evaluate if RCRA treatment, storage, or disposal sites (TSDs) are located within 0.5-miles of the Site. The database search did not identify RCRA TSD facilities within 0.5-miles of the Site.

<u>The RCRA Corrective Action Sites List (CORRACTS)</u>: This list is maintained for sites, which are undergoing "a corrective action." A corrective action order is issued when there has been a release of hazardous waste constituents into the environment from a RCRA facility. The database search identified two CORRACTS facilities within 1.0-mile of the Site.

- Whittaker Corp Coatings and Chem, 1231 S. Lincoln Street is located approximately 0.97-miles north-northeast of and down-gradient from the Site. The facility is classified as a RCRA large quantity hazardous waste generator and produces paint and surface coatings. The facility has been in violation of federal regulations on three occasions. On two occasions (June 23, 1987 and September 20, 1988) the facility was found to be in violation of regulations regarding financial responsibility and on one occasion (September 7, 1988) the facility was found to be in violation strength. The facility was found to be in compliance with regulations on November 18, 1988. The facility is in compliance with regulations and is located down-gradient from the Site, therefore it is believed that the facility does not have the potential to adversely affect the Site.
- Ashland Chemical Co, 291 W. Adams Street is located approximately 0.99miles north-northeast of and down-gradient from the Site. The facility is classified as a RCRA small quantity hazardous waste generator as well as a temporary storage or disposal facility. On February 29, 1988 a hazardous materials release was discovered. The release impacted soil and groundwater. The facility has been in violation of regulations on 19 occasions between April 20, 1989 and December 1, 1995. The facility was found to be in violation of regulations regarding proper oversight and land use. On April 21, 1992 the facility was fined \$600.00 by the state of California. The facility is located down-gradient from the Site and it is believed that the facility does not have the potential to adversely affect the Site.



<u>RCRA Regulated Hazardous Waste Generator Notifiers List</u>: This list was reviewed to evaluate if RCRA generator facilities are adjoining the Site. The database search did not identify generators located immediately adjacent to the Site.

<u>Emergency Response Notification System (ERNS)</u>: The EPA's database of emergency response actions was reviewed. The database search did not identify ERNS listings located immediately adjacent to the Site.

<u>Toxic Release Inventory System (TRIS)</u>: The EPA's index of facilities that have had or may be prone to toxic material releases was reviewed. The database search did not identify TRIS facilities within 0.12-miles of the Site.

State CORTESE List: The CORTESE database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and solid waste disposal facilities from which there is known migration. The source is California Environmental Protection Agency/Office of Emergency Information. The database search identified one CORTESE sites within approximately 0.5-miles of the Site.

 Stater Bros 21700 Barton Road, Colton 92324 is located 0.34-miles eastsoutheast of and down-gradient from the Site. Gasoline was released from a LUST impacting soil in the vicinity of the tank. The leak was discovered on June 10, 1998 and the facility was given a case closed status March 15, 1999. The facility is cross-gradient from the Site, was listed as impacting soil only, and has been given a case closed status; therefore, it does not appear to have the potential to adversely affect the Site.

<u>Department of Toxic Substances Control (CALSITES) Sites</u>: The Department of Toxic Substances Control (DTSC) CALSITES database contains potential or confirmed hazardous substance release properties. The database search did not identify CALSITES facility within 1.0-mile radius of the Site.

Solid Waste Landfill Facilities: This database, provided by the Department of Consumer and Regulatory Affairs, consists of both open, as well as, closed and



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inactive solid waste disposal facilities and transfer stations (SWL). The database search did not identify SWL sites within 0.5-miles of the Site.

<u>Underground Storage Tank (UST) Sites</u>: The California State Water Resources Control Board (SWRCB) Underground Storage Tank inventory list was reviewed to evaluate if USTs are located immediately adjacent to the Site. The database search did not identify UST facilities located adjacent to the Site.

<u>Hazardous Storage Container Database (HIST UST) Sites</u>: The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to cal/county source for current data. The database search did not identify HIST UST facility located less than 0.25-miles from the Site.

Facilities Inventory Database (CA FID) Sites: The Facility Inventory Database contains active and inactive underground storage tank locations. The database search did not identify CA-FID facilities located within 0.25-miles of Site.

Statewide Environmental Evaluation and Planning System (SWEEPS) Sites: This underground storage tank listing was updated and maintained by a company contracted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The database search identified one SWEEPS site within 0.25-miles of the Site.

<u>Leaking Underground Storage Tank (LUST) Sites</u>: The SWRCB maintains lists of information pertaining to reported leaking underground storage tanks (LUSTs) in the state. The database search did not identified two LUST sites within 0.5-miles of the Site.

- Stater Bros 21700 Barton Road, Colton 92324 is located approximately 0.34miles east-southeast of and down-gradient from the Site. Gasoline was released from a LUST impacting soil in the vicinity of the tank. The leak was discovered on June 10, 1998 and the facility was given a case closed status March 15, 1999. The facility is cross-gradient from the Site, was listed as impacting soil only, and has been given a case closed status; therefore, it does not appear to have the potential to adversely affect the Site.
- Stater Brothers Distribution 21700 Barton Road, Colton 92324 is located approximately 0.34-miles east-southeast of and down-gradient from the Site. Diesel fuel was released from a LUST impacting soil in the vicinity of the tank. The leak was discovered on July 31, 1987 and the case was closed



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March 6, 1997. The affected soil was removed and treated. The facility is cross-gradient from the Site, was listed as impacting soil only, and has been given a case closed status; therefore, it does not appear to have the potential to adversely affect the Site.

<u>Waste Management Unit Database System (WMUDS/SWAT) Sites</u>: 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 did not identify WMUDS/SWAT sites within approximately 0.5-miles of the Site.

<u>Proposition 65 Notification Database (Notify 65)</u>: Notify 65 Records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database. A review of the Notify 65 list has identified one Notify 65 site within 1.0-mile of the Site.

• **Texaco** 22045 Barton Road, Colton 92324 is located approximately 0.83miles east-southeast of and cross-gradient from the Site, and therefore it does not appear to have the potential to affect the Site.

<u>County Permit System</u>: (San Bernardino County Fire Department, Hazardous Material Division). A review of the San Bernardino County Permit list indicated three San Bernardino County Permit sites are located within approximately 0.25-miles of the Site.

<u>Orphan Sites</u>: Several properties were listed within the EDR report as "orphan sites". Orphan sites are properties without a complete street address and therefore cannot be readily located on a map. Leighton and Associates reviewed these listings to evaluate if the properties were possibly located near the Site. These orphan sites are unlikely to have the potential to adversely impact the Site, based on the information provided in the EDR report.

#### 4.2 Additional Environmental Record Sources

#### 4.2.1 Regulatory Agency Consultations

On March 28, 2006, Leighton and Associates submitted a request for a records search to the California Regional Water Quality Control Board (RWQCB), Santa



Ana Region to evaluate if there were environmental files for the Site (Appendix F). Leighton and Associates was contacted via telephone by Dawn Johnson, of the RWQCB, and informed that the RWQCB was not able to search for records for properties that did not have an assigned street address.

On March 28, 2006, Leighton and Associates submitted a request to the San Bernardino County Fire Department, Hazardous Materials Division (SBCFD) to review records on file for the Site (Appendix F). Leighton and Associates received a response from SBCFD, dated April 7, 2006. No records were on file for the Site.

On March 28, 2006, Leighton and Associates submitted a request for a records search to the Cypress office of the Department of Toxic Substances Control (DTSC) to evaluate if there were environmental files for the Site (Appendix F). Leighton and Associates received a response from the Cypress office of the DTSC, dated March 30, 2006, stating that no records exist at their office for the Site.

On March 28, 2006, Leighton and Associates submitted a request for a records search to the Glendale office of the DTSC to evaluate if there were environmental files for the Site (Appendix F). Leighton and Associates received a response from the Glendale office of the DTSC, dated March 30, 2006, stating that no records for the Site exist at their office.

#### 4.2.2 Previous Environmental Assessment Reports

Leighton and Associates was unable to locate other previous environmental site assessment reports for the site.

#### 4.3 <u>Physical Setting Source(s)</u>

Leighton and Associates reviewed pertinent maps and readily available literature for information on the physiography and hydrogeology of the Site. A summary of this information is presented in the following subsections.

#### 4.3.1 <u>Topography</u>

The Site is located in Township 1 South, Range 4 West, Section 31, within the City of Colton, San Bernardino County, California. Topographic map coverage of



the site vicinity is provided by the United States Geological Survey (USGS) San Bernardino South, *California* 7.5-minute Quadrangle (1967, photo-revised 1973). The elevation of the property ranges from approximately 1,100 feet above mean sea level on the west and south portions of the property to approximately 1,010 feet above mean sea level on the north and east portions of the Site, with a steep slope on the west and south and a gentle slope to the east from the center of the Site. The general area is situated on the eastern slope of the La Loma Hills south of the Santa Ana River. The area surrounding the Site is moderately sloping to the east. References are provided in Appendix A.

#### 4.3.2 Surface Water

The Santa Ana River is located approximately 0.5-miles to the north of the Site, the Riverside Canal Aqueduct is located approximately 0.66-mile east of the Site, and the Gage Canal is located approximately 1.0 mile east of the Site.

#### 4.3.3 Geology and Soils

The Site is located on the eastern slope of the La Loma Hills. It is located within the Upper Santa Ana Hydraulic Basin, Rialto-Colton Sub-basin in the northern portion of the Peninsular Range geomorphic province of California. Major structural features surrounding the region include the San Jacinto fault to the east and the San Bernardino Mountains and the San Andreas Fault zone to the northeast. This is an area of large-scale crustal disturbance as the relatively northwestward moving Peninsular Range Province, collides with the Transverse Range Province (San Gabriel Mountains) to the north. Several active or potentially active faults have been mapped in the region and are believed to accommodate compression associated with this collision. The Site is underlain by mid- to late-Pleistocene aged alluvial valley fill probably shed from the San Bernardino Mountains. The La Loma Hills are composed of tonalite and granodiorite.

#### 4.3.4 <u>Hydrogeology</u>

The Site is located within the Upper Santa Ana Valley Groundwater Basin, Rialto-Colton Sub-basin (DWR, Bulletin 118).

The Rialto-Colton Sub-basin is identified as Groundwater Basin Number: 8-2.04 (DWR, Bulletin 118). Average annual precipitation is reported to be between 13 to 31 inches. The sub-basin underlies the San Bernardino Valley in southwestern



San Bernardino County and northwest Riverside County. The sub-basin is bounded by the San Bernardino Mountains to the north, the San Jacinto Mountains to the east the Box Springs Mountains to the south and on the west by the Rialto-Colton fault.

Groundwater in the subbasin is stored and transmitted consisting primarily of sands, gravels, silts and clays. Holocene alluvial deposits beneath the current courses of Lytle and Cajon Creeks and the Santa Ana River are typically less compacted and weathered than, and have higher permeability than, the older Plio-Pleistocene sediments within the basin. The older Pliocene and Pleistocene deposits are more compacted, more weathered, discontinuous, and occur in lenticular bodies. The coarsest material occurs near the mouth of Lytle Creek and fines to the southwest. Department of Water Resources reported that well data indicated the range in specific yield is 6% near Colton to 16% northwest of Rialto. Recharge to the basin is provided by percolation of precipitation, infiltration through the Lytle Creek Reche Canyon, as well as the Santa Ana River.

Review of available groundwater level data collected in the vicinity of the Site indicates that depth to water is between approximately 40 to 50 feet below the ground surface at the Site (DWR, 2004). Flow of groundwater is estimated to be northeast generally following the surface topography in the vicinity of the Site.

#### 4.3.5 Wetlands and Floodplain

The site inspection did not reveal existing wetlands or conditions, such as reeds on standing water that would indicate the presence of a wetland on the Site. In addition, Leighton & Associate's review of the USGS topographic maps revealed no evidence of wetlands on the Site. The EDR report indicates that the Site lies south of the 100-year and 500-year flood zones.

#### 4.3.6 Oil and Gas Fields

The Site is located in Township 1 South, Range 4 West, Section 31, within the City of Colton, Sen Bernardino County, California. Leighton and Associates reviewed the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources, (DOGGR) Regional Wildcat Map (Map W1-7, 2004). No oil or gas wells were observed within 1.0 mile of the Site. Additionally, evidence of onsite oil or gas wells or oilfield related facilities were not observed on the Site.



San Bernardino County and northwest Riverside County. The sub-basin is bounded by the San Bernardino Mountains to the north, the San Jacinto Mountains to the east the Box Springs Mountains to the south and on the west by the Rialto-Colton fault.

Groundwater in the subbasin is stored and transmitted consisting primarily of sands, gravels, silts and clays. Holocene alluvial deposits beneath the current courses of Lytle and Cajon Creeks and the Santa Ana River are typically less compacted and weathered than, and have higher permeability than, the older Plio-Pleistocene sediments within the basin. The older Pliocene and Pleistocene deposits are more compacted, more weathered, discontinuous, and occur in lenticular bodies. The coarsest material occurs near the mouth of Lytle Creek and fines to the southwest. Department of Water Resources reported that well data indicated the range in specific yield is 6% near Colton to 16% northwest of Rialto. Recharge to the basin is provided by percolation of precipitation, infiltration through the Lytle Creek Reche Canyon, as well as the Santa Ana River.

Review of available groundwater level data collected in the vicinity of the Site indicates that depth to water is between approximately 40 to 50 feet below the ground surface at the Site (DWR, 2004). Flow of groundwater is estimated to be northeast generally following the surface topography in the vicinity of the Site.

#### 4.3.5 <u>Wetlands and Floodplain</u>

The site inspection did not reveal existing wetlands or conditions, such as reeds on standing water that would indicate the presence of a wetland on the Site. In addition, Leighton & Associate's review of the USGS topographic maps revealed no evidence of wetlands on the Site. The EDR report indicates that the Site lies south of the 100-year and 500-year flood zones.

#### 4.3.6 Oil and Gas Fields

The Site is located in Township 1 South, Range 4 West, Section 31, within the City of Colton, San Bernardino County, California. Leighton and Associates reviewed the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources, (DOGGR) Regional Wildcat Map (Map W1-7, 2004). No oil or gas wells were observed within 1.0 mile of the Site. Additionally, evidence of onsite oil or gas wells or oilfield related facilities were not observed on the Site.



#### 4.4 <u>Historical Use Information on the Property</u>

Leighton and Associates reviewed selected historical information regarding the Site. These references were reviewed for evidence of activities, which would suggest the potential presence of hazardous substances at the Site and to evaluate the potential for the Site to be impacted by offsite sources of contamination. The following paragraphs are a chronological summary of the review.

#### 4.4.1 <u>Aerial Photographs</u>

Historical aerial photographs were reviewed for information regarding past uses of the Site. Aerial photographs were reviewed for the following years: 1930, 1938, 1953, 1966, 1977, 1989, 1994, and 2002. References are provided in Appendix A and photos are contained in Appendix D.

In the **1930 and 1938** aerial photographs, the Site was part of a contiguous parcel extending to the north and used for agriculture purposes (orchards), with the exception of the highest point in the southeast corner of the Site which appears undeveloped. Bostick Avenue is visible adjacent to the east. Litton Avenue is visible to the east, but appears to terminate at Bostick Avenue. The parcels adjacent to the Site also appear to be used for orchards. The Santa Ana River is visible approximately 0.66-miles north of the Site, and the La Loma Hills are visible adjacent to the west and south of the Site.

In the **1953** aerial photograph the Site appears to be essentially unchanged from the 1938 aerial photograph, with the exception of a reduction of the orchards off of the western and southwestern slopes of the Site. In general, the overall orchard appears to be thinning in some areas. Some properties adjacent to the east of the Site, across B stick Avenue, appear to have been converted into other agricultural uses, potentially row crops or dry farming. The surrounding area appeared to be primarily agricultural in nature.

In the **1966** aerial photograph the Site appears to have been cleared of the former orchards with a few scattered exceptions, and is vacant. Several dirt roads can be seen across the Site. Litton Avenue appears to have been extended to the west, past the Site and into the La Loma Hills. Adjacent properties to the north, across



Litton Avenue, appear to have been cleared of orchards, and some residential development is observed. Additional residential development appears to have occurred to the southeast, across Bostick Avenue. To the northeast, across the intersection of Litton Avenue and Bostick Avenue, agricultural uses of that property appears to have ceased. Approximately 0.5-miles to the east, commercial development can be observed east of La Cadena Drive.

In the 1977 aerial photograph the Site appears to have been entirely cleared of the few remaining trees observed in the 1966 aerial photograph. Large fire breaks appear to have been cut through the northeast portion of the Site, and an oval track can be seen near the center of the Site. Adjacent and surrounding properties appear to be essentially unchanged from the 1966 aerial photograph.

In the **1989**, **1994**, **and 2002** aerial photographs, the Site appears to be essentially unchaged from the 1977 aerial photograph, with the exception of continual overgrowth of the Site, eventually eliminating previous fire breaks. The adjacent properties to the north, east, and southeast across Litton Avnue and Bostick Avenue appear to have been significantly developed for residential land use. The properties adjacent to the west and south remain undeveloped. The surrounding area appeared to have had significant development of commercial and agricultural activity.

#### 4.4.2 <u>Historical Topographic Maps</u>

Historical topographic maps were reviewed for information regarding past uses of the Site. Topographic map coverage of the site vicinity is provided by the San Bernardino 15-minute Quadrangle (1901, 1954), and the San Bernardino South 7.5-minute Quadrangle (1954, 1967, 1967-1973 photo-revised, and 1967-1980 photo-revised. References are provided in Appendix A and copies of the topographic maps are included in Appendix E.

**1901:** The Site appears to be undeveloped and within unincorporated San Bernardino County. The San Bernardino and Santa Fe Line railroad appears to be 0.5-miles east of the Site, the Santa Ana River appears to be approximately 0.5-miles north of the Site, and the Gage Canal appears to be approximately 1.0 mile east of the Site. The La Loma Hills are adjacent to the west and south of the Site.

**1954:** The Site appears to be part of a contiguous parcel developed as orchards and appears to be within unincorporated San Bernardino County. Bostick Avenue



is visible adjacent to the east of the Site, and Litton Avenue is visible to the east, however it terminates at Bostick Avenue. La Cadena Drive is visible approximately 0.5-miles east of the Site. The surrounding area to the east and southeast is predominately orchards with some scattered structures. The Riverside Canal Aqueduct is visible approximately 0.66-miles east of the Site.

1967: The Site appears to be undeveloped. Litton Avenue extends west as a dirt road past the Site and into the La Loma Hills, separating the Site from the northern portion of the previously contiguous parcel. The northern property, north of Litton Avenue, appears to have been developed with structures. The orchards, previously visible to the east, appear to have been cleared, and those properties appear to be vacant, with some scattered structures. Additional development can also be observed east of La Cadena Drive. The Riverside Freeway (Interstate 215) is visible approximately 0.66-miles southeast of the Site.

**1967-1973 and 1967-1980 photo-revised:** The Site appears essentially unchanged from the 1967 topographic map. The orchards to the southeast of the Site appear to have been cleared and that property appears to be undeveloped, with the exception of some scattered structures. Adjacent properties to the north across Litton Avenue and to the east across Bostick Avenue appear to have had continued residential development.

#### 4.4.3 Sanborn Maps

Sanborn Maps, or fire insurance maps, are detailed city plans showing building footprints, construction details, use of structure, street address, etc. The maps were designed to assist fire insurance agents in determining the degree of hazard associated with a particular property. Sanborn Maps were produced from approximately 1867 to the present for commercial, industrial, and residential sections of approximately 12,000 cities and towns in the United States. There are no Historical Sanborn Fire Insurance maps for the Site. A copy of this report is included in Appendix C

#### 4.4.4 Historical City Directories

Historical City Directories were reviewed by EDR for information regarding past uses of the Site. City directories were reviewed from 1922 to 2003. The Site was not listed in the City Directory report, and listings for adjacent properties were limited to residential listings. A copy of the report is provided in Appendix C.



### 4.4.5 Additional Resources

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There are no additional resources identified for the Site.

### 4.4.6 Summary of Historical Land Use

Based on historical records, land usage is summarized as follows:

Time Period	Land Usage	Reference
1901 - 1930	Undeveloped	Historical Topographic Maps
1930 – 1954	Agricultural, orchards	Historical Aerial Photographs Historical Topographic Maps
1954 – 1968	Agricultural, orchards, however the orchards were cleared during this time.	Historical Aerial Photographs Historical Topographic Maps
1968 – Present	Undeveloped	Historical Aerial Photographs Historical Topographic Maps Site Reconnaissance



#### 5.0 SITE RECONNAISSANCE

#### 5.1 <u>Methodology and Limiting Conditions</u>

On April 6, 2005, Leighton and Associates personnel conducted a reconnaissance-level assessment of the Site. The site reconnaissance consisted of the observation and documentation of existing site conditions and nature of the neighboring property development within 0.25-miles of the Site. Photographs of the Site are presented in Appendix B.

#### 5.2 <u>General Site Setting</u>

The Site is approximately 19.1-acres in size and is currently undeveloped. The western and southern portions of the property are steeply sloping towards the center of the Site, and are terraced due to former use of the Site as an orchard. A natural drainage channel exists in the southwestern corner of the Site and appears to drain to the east. The southeastern corner of the Site is undeveloped land that does not appear to have been used as an orchard. Then entire site is overgrown with approximately 18-inch high wild grass.

The Site is bounded to the north by Litton Avenue, to the east by Bostick Avenue, and to the south and west by the La Loma Hills. The immediate site vicinity consists of residences adjacent to the north across Litton Avenue and to the east across Bostick Avenue for approximately 0.5-miles.

#### 5.2.1 Hazardous Substances, Drums, and Other Chemical Containers

No evidence of hazardous substances, drums, or other chemical containers was observed on the Site.

#### 5.2.2 Storage Tanks

No evidence of underground storage tanks (USTs) (such as vent lines, fill or overfill ports) was observed on the Site.

#### 5.2.3 Polychlorinated Biphenyls (PCBs)

No visual evidence of PCBs was observed onsite.



#### 5.2.4 Waste Disposal

There is no indication of waste disposal onsite.

#### 5.2.5 Dumping

There was no obvious evidence of dumping on the Site.

#### 5.2.6 <u>Pits, Ponds, Lagoons, Septic Systems, Wastewater, Drains, Cisterns, and</u> <u>Sumps</u>

A natural drainage channel exists in the southwestern corner of the Site and appears to drain to the east.

A line of concrete irrigation standpipes extended from east to west approximately 270- to 368-feet north of the southern site boundary, and from the southern boundary northwest approximately 350-feet, where it connects with the east-west trending line (Figure 3).

#### 5.2.7 <u>Pesticide Use</u>

Evidence of pesticide use was not observed onsite; however the property was formerly used for orchards, and pesticide and fertilizer use related to the orchard use is assumed to have been normal agricultural applications.

#### 5.2.8 Staining and Discolored Soils

Evidence of staining and discolored soils was not observed onsite.

#### 5.2.9 Stressed Vegetation

Stressed vegetation was not observed onsite.

#### 5.2.10 Unusual Odors

Unusual odors, other than dairy odors, were not detected onsite.

#### 5.2.11 Onsite Wells

Oil, gas production, or groundwater monitoring wells were not observed or reported onsite.



#### 5.2.12 Asbestos

An asbestos survey was not performed as part of this investigation, however, based on the presence of concrete irrigation pipes on the Site, an asbestos survey should be performed prior to grading on the Site that could disturb potential asbestos-containing materials (ACMs) on the Site.

#### 5.2.13 Lead-Based Paint

A lead-based paint survey was not performed as part of this investigation. Additionally, because the Site was never developed with any buildings, and no evidence of dumping was observed on the Site, the potential for lead-based paints to be present on the Site is considered to be low.



#### 6.0 INTERVIEWS

Leighton and Associates personnel interviewed Mr. David West, a member of the Board of Directors for W&P La Loma Hills, Inc., the property owner, and a member of the West family who purchased the property in the early 1970s. Mr. West advised that the Site had been used as orange groves in the past, the Site had been cleared of the orchards prior to his families purchase of the land, and that he believes smudge pots were commonly used on the property.



#### 7.0 FINDINGS

Leighton and Associates, Inc. (Leighton and Associates) performed a Phase I Environmental Site Assessment (ESA) of the property located on the 20-Acre West Property – Southwest Corner of Litton Avenue and Bostick Avenue, Colton, California. The APNs for the Site are 0275-081-001, and -002. The immediate site vicinity consists of undeveloped land and residential use.

#### 7.1 <u>Onsite</u>

The Site was not listed in EDR's Radius Map report

The Site is approximately 19.1 acres in size and is currently undeveloped. The western and southern portions of the property are steeply sloping towards the center of the Site, and are terraced due to former use of the Site as an orchard. A natural drainage channel exists in the southwestern corner of the Site and appears to drain to the east. The southeastern corner of the Site is undeveloped land that does not appear to have been used as an orchard. Then entire site is overgrown with approximately 18-inch high wild grass.

A line of concrete irrigation standpipes extended from east to west approximately 270- to 368-feet north of the southern site boundary, and from the southern boundary northwest approximately 350-feet, where it connects with the east-west trending line (Figure 3).

The Site is bounded to the north by Litton Avenue, to the east by Bostick Avenue, and to the south and west by the La Loma Hills. The immediate site vicinity consists of residences adjacent to the north across Litton Avenue and to the east across Bostick Avenue for approximately 0.5-miles.

#### 7.2 <u>Offsite</u>

Historically, the adjacent properties were utilized as orchards, residential, or undeveloped. Currently, residences occupy adjacent properties across Litton Avenue to the north and Bostick Avenue to the east. The adjacent properties to the south and west are undeveloped. The surrounding area is predominantly residential for approximately 0.5-miles north and east, and undeveloped for approximately 0.5-miles south and west.

Offsite facilities listed in the EDR report do not appear to pose a significant environmental risk to the Site.



#### 8.0 OPINION

#### 8.1 <u>Onsite</u>

:

Because the Site has historically been used as an orchard and may have made use of smudge pots, it is Leighton and Associates opinion that soil sampling should be conducted to evaluate the presence of organochlorine pesticides (OCPs), total petroleum hydrocarbons (TPH), polynuclear aromatic hydrocarbons (PAHs), and California Code of Regulations Title 22 Metals in the soil.

Based on the presence of concrete irrigation pipes on the Site, there is potential for asbestos-containing materials to be present on the Site.

#### 8.2 <u>Offsite</u>

An environmental database report prepared by EDR, Inc. was reviewed for local, state, and federal agency listings for properties within the site vicinity. Regulatory database lists were reviewed for cases pertaining to leaking USTs and ASTs, hazardous waste sites, and abandoned sites within the specified radii of standards established by the ASTM. The EDR, Inc. report did not identify facilities that appear to represent a potential source of migration of hazardous substances to soil or groundwater beneath the Site.

Historically, the adjacent properties were utilized for orchards, residential land use, or undeveloped.



#### 9.0 CONCLUSIONS AND RECOMMENDATIONS

Leighton and Associates performed a Phase I ESA for the Site in conformance with the scope and limitations of ASTM Practice E1527-00. Exceptions to, or deletions from, this practice are described in Section 1.5 of this report. This assessment has revealed no evidence of RECs in connection with the property with the exception of:

- Historical use of the Site as orchards indicates there is potential for soil impacts from use of
  pesticides and smudge pots. However, based on the analytical results, it is Leighton and
  Associates opinion that the Site has not been significantly impacted by the use of pesticides on
  the Site. The presence of trace amounts of heavy-end hydrocarbons on the Site appear to
  indicate that smudge pots may have been utilized on the Site. However, based on the low
  detectable amounts of hydrocarbons, the absence of detectable PAHs, the potential for
  significant impact of the Site from smudge pots is considered to be low.
- Based on the presence of concrete irrigation pipes on the Site, there is potential for asbestoscontaining materials to be present on the Site.

Based upon the findings of this Phase I ESA, Leighton and Associates recommends:

- An asbestos survey should be conducted on the Site, in order to evaluate the potential for asbestos-containing materials to be located on the Site.
- Soil sampling should be conducted to evaluate the Site for the presence of organochlorine pesticides (OCPs), total petroleum hydrocarbons (TPHs), polyaromatic hydrocarbons (PAHs), and California Code of Regulations Title 22 Metals.

In general, observations should be made during future site development for areas of possible contamination such as, but not limited to, the presence of underground facilities, buried debris, waste drums, tanks, and stained or odorous soils. Should such materials be encountered, further investigation and analysis may be necessary at that time.


# **10.0 DEVIATIONS**

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Leighton and Associates did not deviate from or alter the scope of work, as defined in Section 1.3 of this report.



Leighton

# **11.0 ADDITIONAL SERVICES**

Leighton and Associates did not perform work outside the scope of work as defined in Section 1.3 of this report.



Leighton

# **12.0 QUALIFICATIONS**

# 12.1 Corporate

Leighton and Associates, Inc. is a California corporation, providing geotechnical and environmental consulting services throughout California. We are solely a consulting firm without interests in real property other than our offices in Southern California. We provide professional environmental consulting services including application of science and engineering to environmental compliance, hazardous materials/waste assessment and cleanup, and management of hazardous, solid and industrial waste. Phase I Environmental Site Assessments are a part of this practice area and have been conducted by us.

# 12.2 Individual

The qualifications of the Project Manager and the other Leighton and Associates environmental professionals involved in this Phase I ESA meet the Leighton and Associates corporate requirements for performing Phase I ESAs. In addition, Mr. Anthony Chakurian is a registered Professional Geologist in the State of California.



Leighton







#### APPENDIX A

#### References

American Society for Testing and Materials, (ASTM), 2000, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-00, dated May 10, 2000.

EDR, Inc. Aerial Photographs:

Date	Photographer	Scale	Source
1930	Fairchild	1''=666'	EDR, Inc.
1938	Laval	1'' = 555'	EDR, Inc.
1953	Southwestern	1" = 555'	EDR, Inc.
1966	Universal	1'' = 666'	EDR, Inc.
1977	Teledyne	1''=666'	EDR, Inc.
1989	USGS	1'' = 666'	EDR, Inc.
1994	USGS	1''=666'	EDR, Inc.
2002	USGS	1'' = 666'	EDR, Inc.

- California Department of Water Resources, 2006, Groundwater Level Data, http://wdl.water.ca.gov/gw.
- California Department of Water Resources, 2003, Bulletin 118, http://www.groundwater.water.ca.gov/bulletin118
- Division of Oil, Gas, and Geothermal Resources, 2004, Regional Wildcat Map Showing Wells Not on Division Field Maps, Map W1-7.
- Environmental Data Resources, Inc., 2006, The EDR Radius Map with Geocheck, Litton Ave. and Bostick Ave., Colton, California, Inquiry Number 1643505.2s, March 28, 2006.

EDR, Inc. Historical Topographic Maps:

Year	Quad	Scale
1901	San Bernardino 15'	1:62,500
1954	San Bernardino 15'	1:62,500
1954	San Bernardino South 7.5'	1:24,000
1967	San Bernardino South 7.5'	1:24,000
1967 photo-revised 1973	San Bernardino South 7.5'	1:24,000
1967 photo-revised 1980	San Bernardino South 7.5'	1:24,000

Project Number: 021906-002 McKhann 20-Acre West Property Southwest Corner of Litton Avenue and Bostick Avenue Colton, California

### SITE PHOTOS

# Photo # 1 –View of the Site facing east



Photo # 2 – View of the Site facing northwest



Photo # 3 – View of the concrete irrigation standpipes on the Site



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

Litton Ave and Bostick Ave Litton Ave/Bostick Ave Colton, CA 92324

Inquiry Number: 1643505.2s

March 28, 2006

# The Standard in Environmental Risk Management Information

**EDR**<sup>®</sup> Environmental

Data Resources Inc

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 www.edrnet.com

FORW PRW BAR

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

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# **EXECUTIVE SUMMARY**

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

#### TARGET PROPERTY INFORMATION

#### ADDRESS

LITTON AVE/BOSTICK AVE COLTON, CA 92324

#### COORDINATES

 Latitude (North):
 34.0373

 Longitude (West):
 117.337

 Universal Tranverse Mercator:
 Zone 11

 UTM X (Meters):
 468808.

 UTM Y (Meters):
 3766148

 Elevation:
 1032 ft.

34.037300 - 34\* 2' 14.3" 117.337900 - 117\* 20' 16.4" Zone 11 468808.5 3766148.8 1032 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: Most Recent Revision: 34117-A3 SAN BERNARDINO SOUTH, CA 1980

#### 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 RECOVERY Federal Superfund Liens	
CERC-NFRAP CERCLIS No Further Remedial Action Pla	anned
RCRA-TSDF. Resource Conservation and Recovery Ac	t Information
RCRA-LQG Resource Conservation and Recovery Ac	t Information
RCRA-SQG. Resource Conservation and Recovery Ac	t Information
ERNS Emergency Response Notification System	1
HMIRS Hazardous Materials Information Reportin	g System

TC1643505.2s EXECUTIVE SUMMARY 1

# EXECUTIVE SUMMARY US ENG CONTROLS Engineering Controls Sites List US ENG CONTROL Sites with Institutional Controls DOD. Department of Defense Sites Formerly Used Defense Sites US BROWNFIELDS A Listing of Brownfields Sites CONSENT. Superfund (CERCLA) Consent Decrees ROD. Records Of Decision UMTRA Uranium Mill Tailings Sites ODI. Open Dump Inventory TRIS Toxic Chemical Release Inventory System TSCA Toxic Substances Control Act FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) SSTS Section 7 Tracking Systems PADS PCB Activity Database System Mines Master Index File FINDS

#### STATE AND LOCAL RECORDS

AWP	Annual Workplan Sites
Cal-Sites.	Calsites Database
CA BOND EXP. PLAN	Bond Expenditure Plan
NFA	No Further Action Determination
NFE	Properties Needing Further Evaluation
REF	Unconfirmed Properties Referred to Another Agency
SCH.	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF.	Solid Waste Information System
CA WDS	Waste Discharge System
WMUDS/SWAT	Waste Management Unit Database
SWRCY	Recycler Database
CA FID UST	Facility Inventory Database
SLIC	Statewide SLIC Cases
UST	Active UST Facilities
HIST UST	Hazardous Substance Storage Container Database
AST	Aboveground Petroleum Storage Tank Facilities
SWEEPS UST	SWEEPS UST Listing
CHMIRS	California Hazardous Material Incident Report System
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties
CLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
CDL	Clandestine Drug Labs
San Bern. Co. Permit	Hazardous Material Permits
HAZNET	Facility and Manifest Data
EMI	Ernissions Inventory Data
	-

#### TRIBAL RECORDS

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

# **EXECUTIVE SUMMARY**

#### 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.

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.

#### FEDERAL RECORDS

**CERCLIS:** The Comprehensive Environmental Response, Compensation and Liability Information System 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.

A review of the CERCLIS list, as provided by EDR, and dated 10/24/2005 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
SAN BERNARDINO CO LDFL	LA CADENA & TROPICO RAN	1/4 - 1/2 NE	3	19

**CORRACTS:** CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/29/2005 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
WHITTAKER CORP COATINGS & CHEM	1231 S LINCOLN ST	1/2 - 1 NNE	5	20
ASHLAND CHEMICAL CO	291 W ADAMS ST	1/2 - 1 NNE	6	22

#### STATE AND LOCAL RECORDS

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

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
STATER BROS	21700 BARTON RD	1/4 - 1/2ESE	A1	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 01/09/2006 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
STATER BROS Facility Status: Case Closed	21700 BARTON RD	1/4 - 1/2 ESE	A1	6
STATER BROTHERS DISTRIBUTION Facility Status: Case Closed	21700 BARTON RD	1/4 - 1/2ESE	A2	17

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
TEXACO	22045 BARTON ROAD	1/2 - 1 ESE	4	20

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

EXECUTIVE SUMMARY

#### Site Name

ARCO SERVICE STATION #2068

WONDER MARKET

ALMADEN-BLOSSOM HILL GUYAUX LANDFILL COLTON YARD 19100 SLOVER AVE 2281 LACROSS AVE OFF RANCHO AVE AND I-10 OFF RANCHO AVE AND I-10 RANCHERO AVE YARD 2501 SLOVER AVE 19100 SOLVER AVE 19100 SOLVER AVE VALLEY BLVD AND PEPPER AVE VALLEY BLVD 307 POCKET (PEPPER AVE ) MPM 539.4, YUMA SUBDIVI MT VERNON AND BARTON AVE RIVERSIDE GRAND TERRAC

#### Database(s)

Notify 65, HAZNET, CHMIRS, Sacramento Co. ML Notify 65, HAZNET, LUST, Cortese, Sacramento Co. ML Cortese, SAN JOSE HAZMAT CERC-NFRAP ERNS San Bern. Co. Permit

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**OVERVIEW MAP - 1643505.2s** 



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DETAIL MAP - 1643505.2s



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.

# MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	<u> 1/8 - 1/4</u>	<u>1/4 - 1/2</u>	1/2 - 1	>1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	1	NR	NR	1
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	2	NR	2
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	U	0	0	NR	0
UMIRA		0.500	0	U	U	NR	NR	0
		0.500		U	U	NR	NK	U
					NR	NR		0
ISCA								0
FIIS CETE								ů,
								U O
MITE								0
MINES		0.250			ND			0
FINDS		0.230 TD	NP	ND				0
RAATS		TP	NR	NR	NP	NP		ŏ
		••						v
STATE AND LOCAL RECO	RDS							
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
NFA		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
CAWDS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
Cortese		0.500	0	0	1	NR	NR	1
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	2	NR	NR	2
CA FID UST		0.250	0	0	NP	NID	NP	0

# MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
SWEEPS UST		0.250	0	0	NR	NR	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0
Notify 65		1.000	0	0	0	1	NR	1
DEED		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
San Bern. Co. Permit		0.250	0	0	NR	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORD	<u>os</u>							
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
<b>EDR Historical Auto Station</b>	s	0.250	0	0	NR	NR	NR	0
<b>EDR Historical Cleaners</b>		0.250	0	0	NR	NR	NR	0

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

. . . .

Sites may be listed in more than one database

Map ID Direction Distance Distance (ft.) Elevation Site

Database(s) EP

HIST UST

CA WDS

SWEEPS UST

San Bern. Co. Permit

EDR ID Number EPA ID Number

#### A1 STATER BROS ESE 21700 BARTON RD 1/4-1/2 COLTON, CA 92324 1816 ft. Site 1 of 2 in cluster A Relative: Lower Actual:

947 ft.

RCRAInfo:	
Owner:	STATER BROS
	(415) 555-1212
EPA ID:	CAD982002701
Contact:	ENVIRONMENTAL MANAGER (714) 783-5131

Classification: Small Quantity Generator TSDF Activities: Not reported

Violation Status: No violations found

#### FINDS:

Other Pertinent Environmental Activity Identified at Site: HAZARDOUS WASTE TRACKING SYSTEM-DATAMART RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

State LUST:

ale LUSI.			
Cross Street:	LA CADENA		
Qty Leaked:	Not reported		
Case Number	Not reported		
Reg Board:	8		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	36000L		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1999-03-15 00:00:00		
Release Date:	Not reported		
Cleanup Fund Id	: Not reported	•	
Discover Date :	Not reported		
Enforcement Dt :	Not reported		
Enf Type:	CLOS		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	LH6		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unk	nown and Not Analy	zed.
Priority:	Not reported		

.

RCRA-SQG 1000401484 FINDS CAD982002701 HAZNET LUST Cortese

TC1643505.2s Page 6

Map ID Direction Distance Distance (ft.) Elevation Site

Database(s)

. :

EDR ID Number EPA ID Number

1000401484

#### STATER BROS (Continued)

Local Case # :	98048						
Beneficial:	Not reporte	d					
Staff :	NOM						
GW Qualifier :	Not reporte	đ					
Max MTBE Soil :	Not reporte	Not reported					
Soil Qualifier :	Not reporte	Not reported					
Hydr Basin #:	UPPER SA	JPPER SANTA ANA VALL					
Operator :	Not reporte	lot reported					
Oversight Pram:	LUST						
Review Date :	Not reporte	d					
Stop Date :	Not reporte	đ					
Work Suspended	Not reporte	d					
Responsible Part	<b>VSTATER B</b>	ROS. MARKETS					
RP Address:	21700 BAR	TON RD., COLT	ON, CA 9232	4			
Global Id:	T06071005	00					
Org Name:	Not reporte	d					
Contact Person:	Not reporte	d					
MTBE Conc:	0	-					
Mibe Fuel:	1						
Water System Na	me <sup>.</sup>	Not reported					
Well Name		Not reported					
Distance To Lust		0					
Waste Dischame	Global ID <sup>.</sup>	Not reported					
Waste Discharge	oned Name	Not reported					
Summary :	Not reporte	d					
Commery .	Horreporte	•					
LUST Region 8:							
Region:	8			Cross Street:	LA CADENA		
Regional Board:	08						
Local Case Num:	98048						
Facility Status:	Case Close	d					
Staff:	NOM						
Facility Contact:	Not reporte	d					
Lead Agency:	Local Agen	су					
Local Agency:	36000L						
Qty Leaked:	Not reporte	d					
County:	San Bernai	dino					
Cleanup Fund Id:	Not reporte	d					
Review Date:	Not reporte	d		Confirm Leak:	Not reported		
Workplan:	Not reporte	d		Prelim Assess:	Not reported		
Pollution Char:	Not reporte	d		Remed Plan:	Not reported		
Remed Action:	Not reporte	d		Monitoring:	Not reported		
Close Date:	3/15/1999						
Discover Date :	6/10/1998						
Enforcement Dt :	Not reporte	d					
Enf Type:	CLOS						
Enter Date :	9/30/1998						
Funding:	Not reporte	d					
Staff Initials:	LH6						
How Discovered:	Not reporte	đ					
How Stopped:	Not reporte	d					
Interim :	Not reporte	d					
Lat/Lon :	34.033888	/ -117.3319823					
Leak Cause:	Not reporte	d					
Leak Source:	Not reporte	đ					
Beneficial:	Not reporte	d					
MTBE Date :	Not reporte	d					
MTBE Tested :	NT						

#### MAP FINDINGS . .

Map ID Direction Distance Distance (fl.)

l

l

Ι.

Database(s)

EDR ID Number EPA ID Number

#### 1000401484

STAT	ER BROS (Contine	ued)	
	Max MTBE GW : N GW Qualifies : N Max MTBE Soil : N Soil Qualifies : N Hydr Basin #: 11	ot reported ot reported ot reported ot reported PPER SAU	d 3 3 3 1
	Oversight Prom 11	JST	
	Global ID:		T0607100500
	Organization Name:		Not reported
	Priority : N	ot reported	d in the second s
	Work Suspended N	ot reported	d
	MTBE Class:		•
	Case Type:		S
	How Stopped Date:		Not reported
	MIBE Concentration	n:	0
	Case Number:		I 083603240T
	Substance:		8006619
	Staff		NOM
	Summary :		Not reported
HA	ZNET:		•
	Gepaid:	CAD982	002701
	TSD EPA ID:	Not repo	rted
	Gen County:	San Ber	nardino
	Tsd County:	99	
	Tons:	0.00	
	Facility Address 2:	Not repo	rted
	waste Category:	Aqueous	z = z = z = z = z = z = z = z = z = z =
		and sulfi	de anions)
	Disposal Method:	Recycler	
	Contact:	PHILLIP	J ŚMITH SR VP AND CFO
	Telephone:	(909) 78	3-5287
	Mailing Name:	Not repo	rted
	Mailing Address: P	O BOX 15	0
	C	OLTON, C	CA 92324 - 0150
	County	Not repo	rted
	Gepaid:	CAD982	002701
	TSD EPA ID:	Not repo	rted
	Gen County:	San Berr	nardino
	Isd County:	99	
	Fooility Address 2:	U.ZZ	dod
	Waste Category		elution with less than 10% total organic residues
	Disposal Method	Not repo	rted
	Contact:	PHILLIP	J SMITH SR VP AND CFO
	Telephone:	(909) 78	3-5287
	Mailing Name:	Not repo	rted
	Mailing Address: P	O BOX 15	0
	C	OLTON, C	CA 92324 - 0150
	County	Not repo	rted

Database(s)

EDR ID Number EPA ID Number

#### STATER BROS (Continued)

1000401484

33-5287

Database(s) EPA

EDR ID Number EPA ID Number

STATER BROS (Con	tinued}		1000401484			
Agency Name: Agency Address:	STATER BROS MARKETS PO Box 150 Colton 92324 - 0150					
Agency Contact: Design Flow: Facility Type:	SCOTT LIMBACHER Not reported Industrial - Facility that treats and/or dispo servicing, producing, manufacturing or pro- mining, gravel washing, geothermal opera repairing, oil production, storage and disp	Agency Phone: Baseline Flow: bases of liquid or sem bacessing operation of tions, air conditionir osal operations, wat	(909) 783-5277 Not reported isolid wastes from any of whatever nature, including ng, ship building and er pumping.			
Facility Status:	Active - Any facility with a continuous or s Discharge Requirements. Private	easonal discharge ti	nat is under Waste			
Waste Type:	Not reported					
Threat to Water:	Minor Threat to Water Quality. A violation relatively minor impairment of beneficial u All nurds without a TTWQ will be consider at a higher Level. A Zero (0) may be used no threat to water quality.	of a regional board ses compared to a r red a minor threat to to code those NUR	order should cause a najor or minor threat. Not: water quality unless coded DS that are found to represent			
Complexity:	Category C - Facilities having no waste tru dischargers or thosewho must comply the passive waste treatment and disposal syst disposal, or dischargers having waste sto waste ponds.	eatment systems, su ough best managem tems, such as seption rage systems with la	Ich as cooling water Nent practices, facilities with Ic systems with subsurface Ind disposal such as dairy			
Reclamation:	Not reported					
POTW:	Not reported					
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the					
Subregion:	Regional Board 8					
DEHS Permit						
Facility ID:	FA0006449					
Facility Status:	ACTIVE					
Permit Category:	HAZMAT HANDLER 26-50 EMPLOYEES	(W/GEN PRMT)				
Permit Number:	PT0002359	(				
Expiration Date:	7/31/2006					
Region:	SAN BERNARDINO	SAN BERNARDINO				
Feelity ID:	EA0005440					
Facility ID. Facility Status:						
Permit Category	GENERATOR - 26-50 EMPLOYEES					
Permit Number	PT0002360					
Expiration Date:	7/31/2006					
Region:	SAN BERNARDINO					
Facility ID:	17722	Owner Name:	STATER BROS. MARKETS			
Total Tanks:	13	Region:	STATE			
Owner Address:	21700 BARTON ROAD					
	COLTON, CA 92324					
Tank Used for:	PRODUCT					
Tank Num:	1	Container Num:	1			
Tank Capacity:	00007500	Year Installed:	1961			
Type of Fuel:	UNLEADED	Tank Construction:	1/4 inches			
Leak Detection:	Stock Inventor	<b>-</b>				
Contact Name:	OLIVER J. GREGOR	Telephone:	(714) 783-5000			
Facility Type:	Other	Other Type:	DISTRIBUTION CENTER			
Facility ID:	17722	Owner Name:	STATER BROS. MARKETS			

Map ID Direction Distance Distance (ft.) Elevation Site

Database(s)

EDR ID Number EPA ID Number

.

Total Tanks:	13	Region:	STATE
Owner Address:	21700 BARTON ROAD		
Tank I lead for			
Tank Used for:	2	Container Num	2
Tank Num. Tank Canacity:	2 00007500	Year Installed	1961
Type of Fuel	UNI EADED	Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor		
Contact Name:	OLIVER J. GREGOR	Telephone:	(714) 783-5000
Facility Type:	Other	Other Type:	DISTRIBUTION CENTER
Facility ID:	17722	Owner Name:	STATER BROS. MARKETS
Total Tanks:	13	Region:	STATE
Owner Address:	21700 BARTON ROAD		
	COLTON, CA 92324		
Tank Used for:	PRODUCT		
Tank Num:	3	Container Num:	3
Tank Capacity:	00008000	Year Installed:	1978
Type of Fuel:	DIESEL	Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor		
Contact Name:	OLIVER J. GREGOR	Telephone:	(714) 783-5000
Facility Type:	Other	Other Type:	DISTRIBUTION CENTER
Facility ID:	17722	Owner Name:	STATER BROS. MARKETS
Total Tanks:	13	Region:	STATE
Owner Address:	21700 BARTON ROAD COLTON, CA 92324		
Tank Used for:	PRODUCT		_
Tank Num:	4	Container Num:	4
Tank Capacity:	00008000	Year Installed:	19/8 44 jack oc
Type of Fuel:	DIESEL Stock Investor	Tank Construction:	1/4 inches
Contact Name:		Telephone	(714) 783-5000
Facility Type:	Other	Other Type:	DISTRIBUTION CENTER
Comp Type:	o ulci	outer type.	
Facility ID:	17722	Owner Name:	STATER BROS. MARKETS
Total Tanks:	13	Region:	STATE
Owner Address:	21700 BARTON ROAD		
Taul IIa II	COLTON, CA 92324		
Tank Used for:	PRODUCT	Containan Muser	E
rank svum: Tank Canadity	3 00008000	Vontainer Num:	U 1078
Tune of Fuel:		Tear Instaneo: Teak Construction:	1/4 inches
Leak Detection	Stock Inventor	rank construction.	177 HIGH03
Contact Name	OLIVER J. GREGOR	Telephone:	(714) 783-5000
Facility Type:	Other	Other Type:	DISTRIBUTION CENTER
	<b>*</b> '		
Facility ID:	17722	Owner Name:	STATER BROS. MARKETS
iotal lanks:		Region:	STATE
Owner Address:	21700 BARTON ROAD		
Tank Head for			
Tank Used for:		Container Num	6
Tank Num. Tank Canacity:	00008000	Year Installed	1978
Type of Fuel	DIESEI	Tank Construction:	1/4 inches
Leak Detection	Stock Inventor		
		Tologhang	(714) 792 6000

Map ID Direction Distance Distance (ft.) Elevation Site

Database(s)

EDR ID Number EPA ID Number

STAT	TER BROS (Coni	tinued)		10004014
	Facility Type:	Other	Other Type:	DISTRIBUTION CENTER
	Facility ID:	17722	Owner Name:	STATER BROS. MARKETS
	Total Tanks:	13	Region:	STATE
	Owner Address:	21700 BARTON ROAD COLTON, CA 92324		
	Tank Used for:	WASTE		
	Tank Num:	7	Container Num:	7
	Tank Capacity:	00006000	Year Installed:	1978
	Type of Fuel:	WASTE OIL	Tank Construction:	1/4 inches
	Leak Detection:	Visual		
	Contact Name:	OLIVER J. GREGOR	Telephone:	(714) 783-5000
	Facility Type:	Other	Other Type:	DISTRIBUTION CENTER
	Facility ID:	17722	Owner Name:	STATER BROS. MARKETS
	Total Tanks:	13	Region:	STATE
	Owner Address:	21700 BARTON ROAD		
		COLTON, CA 92324		
	Tank Used for:	PRODUCT		
	Tank Num:	8	Container Num:	11
	Tank Capacity:	00000150	Year Installed:	1961
	Type of Fuel:	Not reported	Tank Construction:	Not Reported
	Leak Detection:	Stock Inventor		
	Contact Name:	OLIVER J. GREGOR	Telephone:	(714) 783-5000
	Facility Type:	Other	Other Type:	DISTRIBUTION CENTER
	Facility ID:	17722	Owner Name:	STATER BROS. MARKETS
	Total Tanks:	13	Region:	STATE
	Owner Address:	21700 BARTON ROAD COLTON, CA 92324		
	Tank Used for:	PRODUCT		
	Tank Num:	9	Container Num:	12
	Tank Capacity:	00000150	Year Installed:	1961
	Type of Fuel:	Not reported	Tank Construction:	Not Reported
	Leak Detection:	Stock Inventor		
	Contact Name:	OLIVER J. GREGOR	Telephone:	(714) 783-5000
	Facility Type:	Other	Other Type:	DISTRIBUTION CENTER
	Facility ID:	17722	Owner Name:	STATER BROS. MARKETS
	Total Tanks:	13	Region:	STATE
	Owner Address:	21700 BARTON ROAD COLTON, CA 92324		
	Tank Used for:	PRODUCT		
	Tank Num:	10	Container Num:	13
	Tank Capacity:	00000300	Year Installed:	1978
	Type of Fuel:	Not reported	Tank Construction:	1/4 inches
	Leak Detection:	Stock Inventor		
	Contact Name:	OLIVER J. GREGOR	Telephone:	(714) 783-5000
	Facility Type:	Other	Other Type:	DISTRIBUTION CENTER
	Facility ID:	17722	Owner Name:	STATER BROS. MARKETS
	Total Tanks:	13	Region:	STATE
	Owner Address:	21700 BARTON ROAD COLTON, CA 92324	-	
	Tank Used for:	PRODUCT		
	Tank Num:	11	Container Num:	14
	Tank Capacity:	00000300	Year Installed:	1978

Database(s)

EDR ID Number EPA ID Number

1000401484

#### STATER BROS (Continued)

Type of Fuel: Not reported Leak Detection: Stock Inventor OLIVER J. GREGOR Contact Name: Facility Type: Other Facility ID: 17722 Total Tanks: 13 Owner Address: 21700 BARTON ROAD COLTON, CA 92324 PRODUCT Tank Used for: Tank Num: 12 Tank Capacity: 00000300 Type of Fuel: Not reported Leak Detection: Stock Inventor OLIVER J. GREGOR Contact Name: Facility Type: Other Facility ID: 17722 Total Tanks: 13 21700 BARTON ROAD Owner Address: **COLTON, CA 92324** PRODUCT Tank Used for: Tank Num: 13 Tank Capacity: 00000300 Type of Fuel: Not reported Leak Detection: Stock Inventor Contact Name: **OLIVER J. GREGOR** Facility Type: Other SWEEPS: Status : Comp Number : 17722 Number : Board Of Equalization : 44-020656 Ref Date : 03-24-92 03-24-92 Act Date : Created Date : 02-29-88 Tank Status : Α **Owner Tank Id :** 1 36-000-017722-000001 Swrcb Tank Id : 07-01-85 Actv Date : Capacity : 7500 M.V. FUEL Tank Use : Stg: **REG UNLEADED** Content : Number Of Tanks : 13 Status : Α Comp Number : 17722 Number: Board Of Equalization: 44-020656 03-24-92 Ref Date : Act Date : 03-24-92 Created Date : 02-29-88 Tank Status : А 2 Owner Tank Id : Swrcb Tank Id : 36-000-017722-000002

07-01-85

Actv Date :

# Tank Construction: 1/4 inches

(714) 783-5000 DISTRIBUTION CENTER

Owner Name: STATER BROS. MARKETS Region: STATE

Container Num: 15 Year Installed: 1978 Tank Construction: 1/4 inches

Telephone: Other Type: Owner Name:

Region:

Telephone:

Other Type:

DISTRIBUTION CENTER STATER BROS. MARKETS STATE

(714) 783-5000

Container Num: 16 Year Installed: 1978 Tank Construction: 1/4 inches

Telephone:(714) 783-5000Other Type:DISTRIBUTION CENTER

Database(s)

EDR ID Number EPA ID Number

#### STATER BROS (Continued)

Capacity	7500
Tank Heo	M V ELEI
Sto ·	D D
Content :	
Number Of Teaks	Net reported
Number Of Tanks .	Not reported
Status -	A
Comp Number	17722
Number :	1
Roard Of Equalization :	44-020656
Pof Data :	03 24 02
Act Date :	03-24-52
Created Data :	02-20-99
Tank Status	A
Ouron Tenk Id :	2
Sweep Tank Id :	3 26 000 017722 000002
Swico Tank Io :	38-000-017722-000003
Activ Date :	07-01-05
Tank Use :	M.V. FUEL
Stg :	P
Content :	DIESEL
Number Of Tanks :	Not reported
Status :	A
Comp Number :	17722
Number :	1
Board Of Foualization :	44-020656
Ref Date :	03-24-92
Act Date :	03-24-92
Created Date	02-29-88
Tank Status	A
Owner Tank Id :	4
Swrch Tank Id :	36-000-017722-000004
Acty Date :	07-01-85
Canacity :	8000
Tank Use	
Sta :	P
Content :	DIESEI
Number Of Tanks :	Not reported
	··-#
Status :	A
Comp Number :	17722
Number :	1
Board Of Equalization :	44-020656
Ref Date :	03-24-92
Act Date :	03-24-92
Created Date :	02-29-88
Tank Status :	A
Owner Tank Id :	5
Swrcb Tank Id :	36-000-017722-000005
Actv Date :	07-01-85
Capacity :	8000
Tank Use :	M.V. FUEL
Stg :	Р
Content :	DIESEL
Number Of Tanks :	Not reported

1

#### Database(s)

EDR ID Number EPA ID Number

#### STATER BROS (Continued)

Chatter :	A
Status	A
Comp Number :	17722
Number :	1
Board Of Equalization :	44-020656
Ref Date	03-24-92
Act Date :	03 24 02
	03-24-32
Created Date :	02-29-88
Tank Status :	A
Owner Tank Id :	6
Swrcb Tank Id :	36-000-017722-000006
Acty Date :	07-01-85
Capacity :	9000
Capacity .	
Tank Use :	M.V. FUEL
Stg :	Р
Content :	DIESEL
Number Of Tanks :	Not reported
	·····
Status :	•
	47700
Comp Number :	1//22
Number :	1
Board Of Equalization :	44-020656
Ref Date :	03-24-92
Act Date :	03-24-92
Created Date :	02 20 88
Created Date :	02-29-00
Tank Status :	A
Owner Tank Id :	7
Swrcb Tank Id :	36-000-017722-000007
Actv Date :	07-01-85
Canacity ·	6000
Took Uso	
Stg :	VV
Content :	WASTE OIL
Number Of Tanks :	Not reported
Status :	Α
Comp Number :	17722
Comp Number .	1
Number :	1
Board Of Equalization :	44-020656
Ref Date :	03-24-92
Act Date :	03-24-92
Created Date :	02-29-88
Tank Status	Δ
Ourses Teak Id.	44
Owner rank lu :	
Swrcb Tank Id :	36-000-017722-000008
Actv Date :	07-01-85
Capacity :	150
Tank Use :	UNKNOWN
Sta :	P
Content :	, Not reported
	Not reported
Number Of Tanks :	Not reported
Status :	Α
Comp Number :	17722
Number	1
Roard Of Equalization	44-020656
Doard Or Equalization :	
Kei Dale I	03-24-92

Database(s)

EDR ID Number EPA ID Number

#### STATER BROS (Continued)

Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id : Actv Date : Capacity :	03-24-92 02-29-88 A 12 36-000-017722-000009 07-01-85 150
Tank Use : Stg :	UNKNOWN P
Content :	Not reported
Number Of Tanks :	Not reported
Status :	A
Comp Number :	17722
Number :	1
Board Or Equalization :	44-020656
Act Date :	03-24-92
Created Date	02-29-88
Tank Status :	A
Owner Tank Id :	13
Swrcb Tank Id :	36-000-017722-000010
Actv Date :	07-01-85
Capacity :	300
Tank Use :	UNKNOWN
Stg :	P
Content :	Not reported
Number Of Tanks :	Not reported
Status :	A
Status : Comp Number :	A 17722
Status : Comp Number : Number :	A 17722 1
Status : Comp Number : Number : Board Of Equalization : Per Deta :	A 17722 1 44-020656 02 34 02
Status : Comp Number : Number : Board Of Equalization : Ref Date :	A 17722 1 44-020656 03-24-92 03-24.92
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date :	A 17722 1 44-020656 03-24-92 03-24-92 02-29-88
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status :	A 17722 1 44-020656 03-24-92 03-24-92 02-29-88 A
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id :	A 17722 1 44-020656 03-24-92 03-24-92 02-29-88 A 14
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id :	A 17722 1 44-020656 03-24-92 03-24-92 02-29-88 A 14 36-000-017722-000011
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id : Actv Date :	A 17722 1 44-020656 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id : Actv Date : Capacity :	A 17722 1 44-020656 03-24-92 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85 300
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id : Actv Date : Capacity : Tank Use :	A 17722 1 44-020656 03-24-92 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85 300 UNKNOWN
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id : Actv Date : Capacity : Tank Use : Stg :	A 17722 1 44-020656 03-24-92 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85 300 UNKNOWN P
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id : Actv Date : Capacity : Tank Use : Stg : Content :	A 17722 1 44-020656 03-24-92 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85 300 UNKNOWN P Not reported
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id : Actv Date : Capacity : Tank Use : Stg : Content : Numb :r Of Tanks :	A 17722 1 44-020656 03-24-92 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85 300 UNKNOWN P Not reported Not reported
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id : Actv Date : Capacity : Tank Use : Stg : Content : Numb :r Of Tanks :	A 17722 1 44-020656 03-24-92 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85 300 UNKNOWN P Not reported Not reported Not reported
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id : Actv Date : Capacity : Tank Use : Stg : Content : Numb :r Of Tanks : Status : Comp Number :	A 17722 1 44-020656 03-24-92 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85 300 UNKNOWN P Not reported Not reported Not reported A 17722
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id : Actv Date : Capacity : Tank Use : Stg : Content : Numb : Of Tanks : Status : Comp Number : Number :	A 17722 1 44-020656 03-24-92 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85 300 UNKNOWN P Not reported Not reported Not reported A 17722 1
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id : Actv Date : Capacity : Tank Use : Stg : Content : Numb : Of Tanks : Status : Comp Number : Number : Board Of Equalization :	A 17722 1 44-020656 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85 300 UNKNOWN P Not reported Not reported Not reported A 17722 1 44-020656 6 00-01 00
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Actv Date : Capacity : Tank Use : Stg : Content : Numb : Of Tanks : Status : Comp Number : Number : Board Of Equalization : Ref Date :	A 17722 1 44-020656 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85 300 UNKNOWN P Not reported Not reported Not reported A 17722 1 44-020656 03-24-92 02-29-88 A 10 10 10 10 10 10 10 10 10 10
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Actv Date : Capacity : Tank Use : Stg : Content : Numb : Of Tanks : Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date :	A 17722 1 44-020656 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85 300 UNKNOWN P Not reported Not reported Not reported A 17722 1 44-020656 03-24-92 03-24-92 02-29-88
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Actv Date : Capacity : Tank Use : Stg : Content : Numb : Of Tanks : Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Statue :	A 17722 1 44-020656 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85 300 UNKNOWN P Not reported Not reported Not reported A 17722 1 44-020656 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 04-92 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-95 05-
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Actv Date : Capacity : Tank Use : Stg : Content : Numb : Of Tanks : Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id :	A 17722 1 44-020656 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85 300 UNKNOWN P Not reported Not reported Not reported A 17722 1 44-020656 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 03-24-92 15
Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id : Actv Date : Capacity : Tank Use : Stg : Content : Numb : Of Tanks : Status : Comp Number : Number : Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id :	A 17722 1 44-020656 03-24-92 02-29-88 A 14 36-000-017722-000011 07-01-85 300 UNKNOWN P Not reported Not reported Not reported A 17722 1 44-020656 03-24-92 03-24-92 03-24-92 02-29-88 A 15 36-000-017722-000012

Database(s)

EDR ID Number EPA ID Number

#### STATER BROS (Continued)

Capacity :	300
Tank Use :	UNKNOWN
Stg :	Р
Content :	Not reported
Number Of Tanks :	Not reported
Status :	A
Comp Number :	17722
Number :	1
Board Of Equalization :	44-020656
Ref Date :	03-24-92
Act Date :	03-24-92
Created Date :	02-29-88
Tank Status :	Α
Owner Tank Id :	16
Swrcb Tank Id :	36-000-017722-000013
Actv Date :	07-01-85
Capacity :	300
Tank Use :	UNKNOWN
Stg :	P
Content :	Not reported
Number Of Tanks :	Not reported

STATER BROTHERS DISTRIBUTION

1000401484

LUST S100874979 N/A

1816 ft. Relative:

A2

ESE

1/4-1/2

Lower

Actual: 947 ft.

21700 BARTON RD				
COLTON, CA 92324				
Site 2 of 2 in cluster A				
State LUST:				
Cross Street:	LA CADENA			
Qty Leaked:	Not reported			
Case Number	Not reported			
Reg Board:	8			
Chemical:	Diesel			
Lead Agency:	Local Agency			
Local Agency :	36000L			
Case Type:	Soil only			
Status:	Case Closed			
Abate Method:	Excavate and Dispose - r	emove contamin	ated soil and dispo	ose in approved
	site, Excavate and Treat	<ul> <li>remove contam</li> </ul>	inated soil and tre	at (includes
	spreading or land farming	<li>a), Enhanced Bio</li>	degradation - use	of any
	available technology to p	romote bacterial	decomposition of	
	contaminants			
Review Date:	Not reported		Confirm Leak:	Not reported
Workplan:	Not reported		Prelim Assess:	Not reported
Pollution Char:	Not reported		Remed Plan:	Not reported
Remed Action:	Not reported			
Monitoring:	Not reported			
Close Date:	1997-03-06 00:00:00			
Release Date:	Not reported			
Cleanup Fund Id	Not reported			
Discover Date :	Not reported			
Enforcement Dt :	Not reported			
Enf Type:	Not reported			
Enter Date :	Not reported			
Funding:	Not reported			
Staff Initials:	LH6			
How Discovered:	OM			

TC1643505.2s Page 17

Map ID Direction Distance Distance (ft.) Elevation Site

Database(s)

EDR ID Number EPA ID Number

S100874979

#### STATER BROTHERS DISTRIBUTION (Continued)

How Stopped: Not reported Interim : Yes Other Cause Leak Cause: Leak Source: Piping MTBE Date : Not reported Max MTBE GW : Not reported MTBE Tested: Not Required to be Tested. Not reported Priority: Local Case # : 90168 Not reported **Beneficial:** Staff : RS GW Qualifier : Not reported Max MTBE Soil: Not reported Soil Qualifier : Not reported UPPER SANTA ANA VALL Hydr Basin #: Operator : OLIVER GREGOR Oversight Prgm: LUST 1997-03-14 00:00:00 Review Date : Stop Date : Not reported Work Suspended Not reported Responsible PartySTATER BROTHERS DEVELOPMENT P.O. BOX 150, COLTON, CA 92324 **RP Address:** Global Id: T0607100067 Org Name: Not reported Contact Person: Not reported MTBE Conc: 0 Mtbe Fuel: Ω Water System Name: Not reported Well Name: Not reported **Distance To Lust:** Waste Discharge Global ID: Not reported Waste Disch Assigned Name: Not reported Summary : Not reported LUST Region 8: Cross Street: LA CADENA Region: R Regional Board: 08 Local Case Num: 90168 Facility Status: Case Closed Staff: RS Facility Contact: Not reported Lead Agency: Local Agency Local Agency: 36000L Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming), Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants Oty Leaked: Not reported County: San Bernardino Cleanup Fund Id ; Not reported **Review Date:** Not reported Confirm Leak: Not reported Workplan: Prelim Assess: Not reported Not reported Pollution Char: Not reported Remed Plan: Not reported Remed Action: Not reported Monitoring: Not reported Close Date: 3/6/1997 Discover Date : 7/31/1987 Enforcement Dt : Not reported

Database(s)

EDR ID Number EPA ID Number

S100874979

#### STATER BROTHERS DISTRIBUTION (Continued)

Map ID Direction Distance Distance (ft.)

Elevation

Site

Enf Type: Not reported 10/15/1987 Enter Date : Funding: Not reported Staff Initials: LH6 How Discovered: OM How Stopped: Not reported Yes Interim : Lat/Lon : 34.033888 / -117.3319823 Leak Cause: Other Cause Leak Source: Piping Beneficial: Not reported MTBE Date : Not reported MTBE Tested : NRQ Max MTBE GW : Not reported GW Qualifies : Not reported Max MTBE Soil : Not reported Soil Qualifies : Not reported Hydr Basin #: UPPER SANTA ANA VALL Oversight Prgm : LUST Global ID: T0607100067 Organization Name: Not reported Priority : Not reported Work Suspended :Not reported MTBE Class: Case Type: s How Stopped Date: Not reported **MTBE Concentration:** 0 MTBE Fuel: 0 Case Number: 083600671T Substance: 12034 Staff: RS Summary : Not reported

#### SAN BERNARDINO CO LDFL

3

#### CERCLIS 1000104716 NE LA CADENA & TROPICO RANCHO AVE FINDS CAD000606541 1/4-1/2 COLTON, CA 92324 2080 ft. **CERCLIS Classification Data: Relative:** Federal Facility: Not a Federal Facility Lower Non NPL Status: Other Cleanup Activity: State-Lead Cleanup Actual: NPL Status: Not on the NPL 907 ft. Contact: **Betsy Curnow** Contact Tel: (415) 972-3093 Contact Title: Not reported Contact: Jere Johnson Contact Tel: (415) 972-3094 Contact Title: Not reported Formerly known as Colton Sanitary Landfill There is evidence that Site Description:

	landfill is releasing low levels of hazardous compounds to the groundwater and surface water. The RWQCB is monitoring and has issued orders to mitigate releases. 1) SRWQCB LEAD 2)R P and SWRCB working cooperatively			
CERCLIS Assessm	ent History:			
Assessment:	DISCOVERY	Completed:	11/01/1979	
Assessment:	PRELIMINARY ASSESSMENT	Completed:	11/01/1984	
Assessment:	PRELIMINARY ASSESSMENT	Completed:	11/16/1988	
Assessment:	SITE INSPECTION	Completed:	09/15/1989	
Assessment:	SITE REASSESSMENT	Completed:	11/27/2002	

Map ID Direction				IGS		
Distance Distance (ft. Elevation	) Site				Database(s)	EDR ID Number EPA ID Number
	SAN BERNARDINO CO	) LDFL (Co	ntinued)			1000104716
	Low	:				
	CERCLIS Alias Name COLTON LDFL #8 BLM-SAN BERNA	e(s): I DINO COUM				
	FINDS:					
	Other Pertinent En COMPREHENS	Vironmental	Activity Identified at Site: ONMENTAL RESPONSE,	COMPENSATION AND INFO	RMATION SYSTI	EM
4 ESE 1/2-1 4348 ft.	TEXACO 22045 BARTON ROAD COLTON, CA 92324				Notify 65	U000032929 N/A
Relative: Lower	NOTIFY 65: Date Reported: Board File Numbe	Not repo	orted Staff Initials: Not re	eported		
Actual: 990 ft.	Facility Type: Discharge Date: Incident Descriptio	Not repo Not repo n: 92324-5	orted orted 5001			
5 NNE 1/2-1 5138 ft.	WHITTAKER CORP CC 1231 S LINCOLN ST COLTON, CA 92324	ATINGS &	CHEM		FINDS RCRA-LQG CORRACTS CERC-NFRAP	1000421645 CAD044331999
Relative: Lower	CERCLIS-NFRAP Cla Federal Facility:	Not a Fee	Data: deral Facility			
Actual:	NPL Status:	Not on the	e NPL			
914 ft.	CERCLIS-NFRAP As	sessment H	istory:	Completed	01/01/1095	
	Assessment:	PRELIMI	NARY ASSESSMENT	Completed:	04/01/1986	
	Assessment: Assessment:	SITE INS	PECTION	Completed:	02/01/1988	
	CORRACTS Data:	/		Completed.	02/01/1500	
			CAD044221000			
	Region:		09			
	Area Name:		ENTIRE FACILITY			
	Actual Date: Corrective Action:		04/01/1986 CA075LO - CA Prioritiza action priority	tion, Facility or area was assigr	ned a low correcti	ve
	2002 NAICS Title:		Paint and Coating Manu	facturing		
	RCRAInfo Corrective Event: C	Action Sum A Prioritizati	mary: ion, Facility or area was as	signed a low correclive action		
	p: Event Date: 0-	riority. 4/01/1986				

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MAP	FIND	INGS

Database(s)

EDR ID Number EPA ID Number

RCRAInfo: Owner:	WHITTAKER CORPO (213) 475-9411 CAD044321000	RATION			
Contanti	Net received				
Contact:		<b>1</b>			
TSDF Activitie	Large Quantity Genera es: Not reported	nor			
BIENNIAL REPO Last Biennial I	ORTS: Reporting Year: 2003				
<u>Waste</u> D001 D007 D035 F005	<u>Quantity (Lbs)</u> 202374.00 186318.00 108225.00 19330.00	Waste D002 D008 F003	<u>Quant</u> 18 12	it <u>y (Lbs)</u> 305.00 6318.00 7266.00	
Violation Statu	us: Violations exist				
Regulation V Area of Viola Date Violatio Actual Date A	'iolated: ntion: n Determined: Achieved Compliance:	264.140-150.H TSD-FINANCIAL RE 09/20/1988 11/18/1988	SPONSIBIL	ITY REQUIREMENT	S
Regulation V Area of Viola Date Violatio Actual Date	fiolated: tion: n Determined: Achieved Compliance:	270 TSD-OTHER REQU 09/07/1988 11/18/1988	IREMENTS (	(OVERSIGHT)	
Enforceme Enforceme Penalty Ty	nt Action: nt Action Date: pe:	WRITTEN INFORM 10/26/1988 Not reported	AL.		
Regulation V Area of Viola Date Violatio Actual Date A	fiolated: htion: n Determined: Achieved Compliance:	264.140-150.H TSD-FINANCIAL R& 06/23/1987 11/18/1988	SPONSIBIL	ITY REQUIREMENT	S

There are 3 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19881118
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19881118
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19881118

FINDS:

Other Pertinent Environmental Activity Identified at Site: AEROMETRIC INFORMATION RETRIEVAL SYSTEM/AIRS FACILITY SYSTEM HAZARDOUS WASTE TRACKING SYSTEM-DATAMART NATIONAL EMISSIONS INVENTORY PERMIT COMPLIANCE SYSTEM RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM TOXIC CHEMICAL RELEASE INVENTORY SYSTEM

Map ID Direction		MAP FINDINGS			
Distance Distance (ft.	.) Site			Database(s)	EDR ID Number
6	ASHI AND CHEMICAL CO			RCRA-SOG	1000388278
NNE	291 W ADAMS ST			FINDS	CAD001033805
1/2.4					CAD031333033
172-1	COLION, CA 92324			LUCT	
5246 π.				Contrac	
Relative:				DCDA TEDE	
Lower				RCRA-ISUF	
				CORRACTS	
Actual:				CORRACIS	
913 ft.				CERC-NFRAP	
				REF	
				SWEEPS US I	
	CERCLIS-NFRAP Classifi	cation Data:			
	Federal Facility: No	ot a Federal Facility			
	Non NPL Code: Ni	RAP			
	NPL Status: No	ot on the NPL			
	CERCLIS-NFRAP Assess	ment History:			
	Assessment: DI	SCOVERY	Complete	ed: 11/01/1979	
	Assessment: PF	RELIMINARY ASSESSMENT	Complete	ed: 09/01/1984	
	Assessment: St	TE INSPECTION	Complete	ed: 01/01/1985	
	Assessment: AF	<b>CHIVE SITE</b>	Complete	ed: 01/01/1985	
	CERCLIS-NFRAP Alias N USS CHEMICALS	ame(s):			
	CORRACTS Data:				
	EPA ld:	CAD091933895			
	Region:	09			
	Area Name:	ENTIRE FACILITY			
	Actual Date:	01/26/2005			
	Corrective Action:	CA100 - RFI Imposition			
	2002 NAICS Title:	Not reported			
	EPA Id:	CAD091933895			
	Region:	09			
	Area Name:	UNLINED DITCH			
	Actual Date:	03/23/1992			
	Corrective Action:	CA075LO - CA Prioritization, Facility	y or area was as	signed a low correcti	ive
		action priority			
	2002 NAICS Title:	Not reported			
	EDA Id.	CAD091933895			
	Region:	09			
	Area Name				
	Actual Date:	03/23/1992			
	Corrective Action:	CA225NR - Stabilization Measures (	Evaluation This	facility is not amon	able to
	Conective Action.	stabilization activity at the present t	ime for reasons	other than (1) it	
		annears to be technically infeasible	or inannrontiate	• (NF) or (2) there is :	a
		lack of technical information (IN) R	easons for this	conclusion may be th	6 6
		status of closure at the facility the	dearee of risk ti	ming considerations	•
		the status of corrective action work	at the facility, or	other, administrative	
		considerations			
	2002 NAICS Title:	Not reported			
	EPA Id:	CAD091933895			
	Region:	09			
	Area Name:				
	Actual Date:	07/14/1999			
	Corrective Action:	CA725IN - Current Human Exposure	es Under Contro	ol, More information i	is needed to

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Database(s)

EDR ID Number EPA ID Number

#### ASHLAND CHEMICAL CO (Continued) 1000388278 make a determination 2002 NAICS Title: Not reported EPA Id: CAD091933895 Region: 09 Area Name: ENTIRE FACILITY Actual Date: 07/14/1999 Corrective Action: CA750IN - Migration of Contaminated Groundwater under Control , More information is needed to make a determination 2002 NAICS Title: Not reported Click this hyperlink while viewing on your computer to access 5 additional CORRACTS record(s) in the EDR Site Report. RCRAInfo Corrective Action Summary: Igration of Contaminated Groundwater under Control, Yes, Migration of Event: Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility. Event Date: 09/29/2005 Event: **RFI** Imposition Event Date: 01/26/2005 Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the El determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility. Event Date: 09/27/2004 Event: Current Human Exposures under Control, More information is needed to make a determination. Event Date: 07/14/1999 Event: loration of Contaminated Groundwater under Control, More information is needed to make a determination. Event Date: 07/14/1999 Event: CA Prioritization, Facility or area was assigned a low corrective action priority. Event Date: 03/23/1992 Stabilization Measures Evaluation, This facility is not amenable to Event: stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations. 03/23/1992 Event Date:

Database(s)

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EDR ID Number EPA ID Number

## 1000388278

ASHLAND CHEMICA	L CO (Continued)	
Event: Event Date:	RFI Imposition 09/26/1989	
Event: Event Date:	RFA Completed 11/16/1988	
Event:	CA Prioritization, Facility of priority.	or area was assigned a low corrective action
Event Date.	09/01/1964	
. RCRAInfo: Owner:	NAME NOT REPORTED (415) 555-1212	
EPA ID:	CAD091933895	
Contact:	Not reported	
Classification: TSDF Activilies:	TSDF Not reported	
Violation Status:	Violations exist	
Regulation Viol Area of Violatio Date Violation I Actual Date Act	lated: m: Determined: hieved Compliance:	264.70-77.E TSD-OTHER REQUIREMENTS (OVERSIGHT) 11/22/1995 11/22/1995
Enforcement Enforcement Penalty Type	Action: Action Date: :	WRITTEN INFORMAL 11/22/1995 Not reported
Regulation Viol Area of Violatio Date Violation I Actual Date Act	lated: n: Determined: hieved Compliance:	264.10-18.B TSD-OTHER REQUIREMENTS (OVERSIGHT) 11/22/1995 12/01/1995
Enforcement Enforcement Penalty Type	Action: Action Date: :	WRITTEN INFORMAL 11/22/1995 Not reported
Regulation Viot Area of Violatio Date Violation ( Actual Date Act	lated: in: Determined: hieved Compliance:	264.10-18.8 TSD-OTHER REQUIREMENTS (OVERSIGHT) 10/05/1995 10/05/1995
Enforcement Enforcement Penalty Type:	Action: Action Date: :	WRITTEN INFORMAL 10/05/1995 Not reported
Regulation Viol Area of Violatio Date Violation ( Actual Date Act	ated: in: Determined: hieved Compliance:	262.20-23.B GENERATOR-ALL REQUIREMENTS (OVERSIGHT) 07/08/1993 07/12/1993
Enforcement Enforcement Penalty Type:	Action: Action Date: :	WRITTEN INFORMAL 07/08/1993 Not reported
Regulation Viol Area of Violatio Date Violation ( Actual Date Act	ated: n: Determined: hieved Compliance:	262.40-43.D GENERATOR-ALL REQUIREMENTS (OVERSIGHT) 07/08/1993 07/12/1993
Enforcement Enforcement	Action: Action Date:	WRITTEN INFORMAL 07/08/1993

Map ID Direction Distance Distance (ft.) Elevation Site

Database(s)

EDR ID Number EPA ID Number

1000388278

## ASHLAND CHEMICAL CO (Continued)

Penalty Type:

Regulation Violated: Area of Violation: Date Violation Determined: Actual Date Achieved Compliance:

Enforcement Action: Enforcement Action Date: Penalty Type:

Regulation Violated: Area of Violation: Date Violation Determined: Actual Date Achieved Compliance:

Enforcement Action: Enforcement Action Date: Penalty Type:

Regulation Violated: Area of Violation: Date Violation Determined: Actual Date Achieved Compliance:

Enforcement Action: Enforcement Action Date: Penalty Type:

Regulation Violated: Area of Violation: Date Violation Determined: Actual Date Achieved Compliance:

Enforcement Action: Enforcement Action Date: Penalty Type:

Regulation Violated: Area of Violation: Date Violation Determined: Actual Date Achieved Compliance:

Regulation Violated: Area of Violation: Date Violation Determined: Actual Date Achieved Compliance:

Regulation Violated: Area of Violation: Date Violation Determined: Actual Date Achieved Compliance:

Regulation Violated: Area of Violation: Date Violation Determined: Actual Date Achieved Compliance:

Enforcement Action: Enforcement Action Date: Penalty Type:

Regulation Violated: Area of Violation: Not reported 261.5 GENERATOR-ALL REQUIREMENTS (OVERSIGHT) 07/08/1993 07/12/1993 WRITTEN INFORMAL

07/08/1993 Not reported 262.50-60 GENERATOR-ALL REQUIREMENTS (OVERSIGHT) 07/08/1993

07/12/1993 WRITTEN INFORMAL 07/08/1993 Not reported

262.10-12.A GENERATOR-ALL REQUIREMENTS (OVERSIGHT) 07/08/1993 07/12/1993

WRITTEN INFORMAL 07/08/1993 Not reported

262.30-34.C GENERATOR-ALL REQUIREMENTS (OVERSIGHT) 07/08/1993 07/12/1993

WRITTEN INFORMAL 07/08/1993 Not reported

264.10-18.B TSD-OTHER REQUIREMENTS (OVERSIGHT) 03/20/1992 05/21/1992

264.30-37.C TSD-OTHER REQUIREMENTS (OVERSIGHT) 03/20/1992 05/21/1992

262.30-34.C GENERATOR-ALL REQUIREMENTS (OVERSIGHT) 03/20/1992 05/21/1992

268 ALL TSD-LAND BAN REQUIREMENTS 05/14/1991 03/02/1992

WRITTEN INFORMAL 06/27/1991 Not reported

262.50-60 GENERATOR-ALL REQUIREMENTS (OVERSIGHT)

05/14/1991

03/02/1992

WRITTEN INFORMAL

Database(s)

EDR ID Number EPA ID Number

1000388278

## ASHLAND CHEMICAL CO (Continued)

Date Violation Determined: Actual Date Achieved Compliance:

Enforcement Action: Enforcement Action Date: Penalty Type:

Regulation Violated: Area of Violation: Date Violation Determined: Actual Date Achieved Compliance:

Enforcement Action: Enforcement Action Date: Penalty Type:

Regulation Violated: Area of Violation: Date Violation Determined: Actual Date Achieved Compliance:

Enforcement Action: Enforcement Action Date: Penalty Type:

Regulation Violated: Area of Violation: Date Violation Determined: Actual Date Achieved Compliance:

Enforcement Action: Enforcement Action Date: Penalty Type:

Enforcement Action: Enforcement Action Date: Penalty Type:

Enforcement Action: Enforcement Action Date: Penalty Type:

Regulation Violated: Area of Violation: Date Violation Determined: Actual Date Achieved Compliance:

Enforcement Action: Enforcement Action Date: Penalty Type:

Enforcement Action: Enforcement Action Date: Penalty Type:

Regulation Violated: Area of Violation: Date Violation Determined: Actual Date Achieved Compliance:

Enforcement Action: Enforcement Action Date: Penalty Type:

**Enforcement Action:** 

06/27/1991 Not reported 268.7 GENERATOR-LAND BAN REQUIREMENTS 05/14/1991 03/02/1992 WRITTEN INFORMAL 06/27/1991 Not reported 262.20-23.B GENERATOR-ALL REQUIREMENTS (OVERSIGHT) 05/14/1991

WRITTEN INFORMAL 06/27/1991 Not reported

03/02/1992

262.50-60 GENERATOR-ALL REQUIREMENTS (OVERSIGHT) 06/28/1990 10/05/1990

EPA TO STATE ADMINISTRATIVE REFERRAL 08/15/1990 Not reported

WRITTEN INFORMAL 08/15/1990 Not reported

WRITTEN INFORMAL 04/04/1989 Not reported

262.50-60 GENERATOR-ALL REQUIREMENTS (OVERSIGHT) 11/20/1989 01/22/1991

WRITTEN INFORMAL 12/27/1989 Final Monetary Penalty

FINAL 3008(A) COMPLIANCE ORDER 05/02/1990 Final Monetary Penalty

262.50-60 GENERATOR-ALL REQUIREMENTS (OVERSIGHT) 02/10/1989 04/20/1989

EPA TO STATE ADMINISTRATIVE REFERRAL 08/15/1990 Not reported

WRITTEN INFORMAL

TC1643505.2s Page 26

Direction		Ľ				
Distance Distance (ft. Elevation	.) Site				Database(s	EDR ID Numb
	ASHLAND CHEMICA	L CO (Continued)				1000388278
	Enforcement Penalty Type	Action Date:	08/15/1990 Not reported			
	Enforcement Enforcement Penalty Type:	Action: Action Date:	WRITTEN INF 04/04/1989 Not reported	ORMAL		
	Penalty Summary: Penalty Descript	ion	Penalty Date		Penalty Amount	Lead Agency
	Proposed Monet	ary Penalty	4/21/1992		600	STATE
	There are 19 vio	lation record(s) report	ed at this site:			
	Evolution		Area of Violati			Date of
	Compliance Evalu	ation Inspection	TSD-OTHER	REQUIREMENTS (C	VERSIGHT	19951201
	Compliance Evalu	auon mapeonon	TSD-OTHER	REQUIREMENTS (C	VERSIGHT)	19951122
	Compliance Evalu	ation Inspection	TSD-OTHER	REQUIREMENTS (C	VERSIGHT)	19951005
	Compliance Evalu	ation Inspection	GENERATOR	-ALL REQUIREMEN	TS (OVERSIGHT)	19930712
			GENERATOR	-ALL REQUIREMEN	ITS (OVERSIGHT)	19930712
			GENERATOR	-ALL REQUIREMEN	ITS (OVERSIGHT)	19930712
			GENERATOR		ITS (OVERSIGHT)	19930712
			GENERATOR			19930712
	Compliance Evalu	ation Inspection	TSD-OTHER	REQUIREMENTS (C	IVERSIGHT)	19920521
	Complance Lital	auon moposition	TSD-OTHER	REQUIREMENTS (C	VERSIGHT)	19920521
			GENERATOR	-ALL REQUIREMEN	TS (OVERSIGHT)	19920521
	Compliance Evalu	ation Inspection	TSD-LAND B	AN REQUIREMENTS	3	19920302
			GENERATOR	-LAND BAN REQUI	REMENTS	19920302
			GENERATOR	-ALL REQUIREMEN	TS (OVERSIGHT)	19920302
	Osmalia and Cush		GENERATOR		ITS (OVERSIGHT)	19920302
	Compliance Evalu	ation inspection	GENERATOR	ALL REQUIREMEN	ITS (OVERSIGHT)	19901005
	Compliance Evalu	ation Inspection	GENERATOR		ITS (OVERSIGHT)	19890420
	FINDS: Other Pertinent I NATIONAL E RESOURCE TOXIC CHEM	Environmental Activity MISSIONS INVENTO CONSERVATION AN IICAL RELEASE INVE	Identified at Site: RY D RECOVERY ACI ENTORY SYSTEM	INFORMATION SY	STEM	
	State LUST:					
	Cross Street:	LA CADENA				
	Oty Leaked:	Not reported				
	Case Number	Not reported				
	Keg Board: Chemical	o Solvents				
	Lead Agency:	Regional Board				
	Local Agency :	36000L				
	Case Type:	Other ground water	affected			
	Status:	Pollution Characte	rization			
	Abate Method:	Excavate and Dispo	ose - remove contan	ninated soil and dispo	ose in approved	
		site	•	0	4000 00 00 00 00	
	Review Date:	1988-02-29 00:00:0	U	Contirm Leak:	1988-02-29 00:00:00	
	workplan: Rollution Char	Not reported		Preim Assess: Remed Plan	Not reported	
	Pollution Unar: Remed Action:	Not reported		Remea Plan:	nor reported	
	Monitorina:	Not reported				

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	MAP	FINDINGS	
	IVIAP	EUROINGS	

Database(s)

EDR ID Number EPA ID Number

## ASHLAND CHEMICAL CO (Continued)

Release Date: Not reported Cleanup Fund Id : Not reported Discover Date : Not reported Enforcement Dt : Not reported Enf Type: SEL Enter Date : Not reported Funding: Not reported Staff Initials: RR1 How Discovered: Tank Closure How Stopped: Not reported Interim : Yes Leak Cause: UNK Leak Source: UNK MTBE Date : 1999-03-12 00:00:00 Max MTBE GW : 10 Parts per Billion MTBE Detected. Site tested for MTBE & MTBE detected MTBE Tested: Priority: Not reported Local Case # : Not reported **Beneficial:** Not reported Staff : CAB GW Qualifier : Max MTBE Soil : Not reported Soil Qualifier : Not reported UPPER SANTA ANA VALL Hydr Basin #: DIFILIPPO, JOE Operator : Oversight Prgm: LUST Review Date : 2001-05-18 00:00:00 Stop Date : Not reported Work Suspended Not reported Responsible PartyARISTECH 291 WEST ADAMS STREET, COLTON, CA 92324 **RP Address:** Global Id: T0607100083 Org Name: Not reported Contact Person: Not reported MTBE Conc: 1 Mtbe Fuel: 0 Water System Name: Not reported Well Name: Not reported **Distance To Lust:** 0 Waste Discharge Global ID: Not reported Waste Disch Assigned Name: Not reported 14 TOTAL TANKS REMOVED ON 02/29/88, CONTAINING VARIOUS SOLVENTS, Summary : AROMATIC HYDROCARBONS, AND STYRENE. SOIL CONTAMINATION AT SW CORNER OF PROPERTY LUST Region 8: Region: 8 Cross Street: LA CADENA Regional Board: 08 Local Case Num: Not reported Facility Status: **Pollution Characterization** Staff: CAB Facility Contact: Not reported Lead Agency: **Regional Board** 36000L Local Agency: Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site Qty Leaked: Not reported County: San Bernardino

MAP	FINDI	NGS

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Database(s)

EDR ID Number EPA ID Number

## 1000388278

ASHLAND CHEMICAL CO	(Continued)
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Cleanup Fund Id : N Review Date: 2. Workplan: N Pollution Char: N Close Date: N Discover Date : 2. Enforcement Dt : N Enf Type: S Enter Date : 3. Funding: N Staff Initials: R How Discovered: T	lot reported /29/1988 lot reported lot reported lot reported /29/1988 lot reported EL /25/1988 lot reported R1 ank Closure	3	Confirm Leak: Prelim Assess: Remed Plan: Monitoring:	2/29/1988 Not reported Not reported Not reported
How Stopped: N	lot reported			
Interim : Y	es			
Lat/Lon: 3	4.05102034	/ -117.3290388		
Leak Cause: U	INK			
Leak Source: U	INK			
Beneficial: N	lot reported			
MIBE Date : 3	12/1999			
May MTRE GW + 1	с. 0			
GW Qualifies · <				
Max MTBE Soil · N	int reported			
Soil Qualifies : N	lot reported			
Hvdr Basin #: U	IPPER SAN	TA ANA VALL		
Oversight Prom: L	UST			
Global ID:		T0607100083		
Organization Name:	: I	Not reported		
Priority : N	iot reported			
Work Suspended N	lot reported			
MTBE Class:		C		
Case Type:	(	0		
How Stopped Date:	I	Not reported		
MTBE Concentratio	n:	1		
MIBE Fuel:		U 093600706 <b>T</b>		
Substance:		13		
Staff	1	CAB		
Summary :		14 TOTAL TANKS REMO AROMATIC HYDROCARI CORNER OF PROPERTY	VED ON 02/29/88, 30NS, AND STYRE 1	CONTAINING VARIOUS SOLVENTS, ENE. SOIL CONTAMINATION AT SW
REF:				
Facility ID	362	80004		
Dtsc Region Code :	4			
Region Code Defini	tion : CYI	PRESS		

Disc Region Code :	4
Region Code Definition :	CYPRESS
County Code :	36
Site Name Under :	Not reported
Current Status Date :	08221995
Current Status Code :	REFRC
Current Status :	PROPERTY/SITE REFERRED TO RCRA
Lead Agency Code :	Not reported
Lead Agency :	N/A
Site Type Code :	Not reported
Site Type :	N/A
National Priorities List :	Not reported
Tier :	Not reported

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		MAP F	INDINGS	al an Taire a' a

Database(s)

EDR ID Number EPA ID Number

1000388278

## ASHLAND CHEMICAL CO (Continued)

Source Of Funding Code : Not reported Staff Member : Not reported Supervisor : Not reported Sic Code : 28 MANU - CHEMICALS & ALLIED PRODUCTS Sic Code Definition : Site Mitigatn & Brnflds Reuse Prog (SMBR) Code : SB SMBR Branch : SO CAL - CYPRESS **Regional Water Quality Control Board :** Not reported **RWQCB** Definition : Not reported Site Access Controlled : Not reported Listed In Haz Wst & Substnes Sites List (CORTESE)Not reported Not reported Date Hazard Ranked : **GW** Contamination Suspected : Not reported # Of Sources Contributing To Contamination : n 0.0.0.10.0.0. Lat/Long : Direction Lat : Not reported **Direction Long :** Not reported Lat/long Method : Not reported Entity Lat/long Coordinates Refer To : Not reported Not reported State Assembly Distt Code : State Senate Distt Code : Not reported EPA Identifying Code: ID Value: CAD091933895 Other ID Desc: EPA IDENTIFICATION NUMBER UNITED STATES STEEL POLYESTER DIVISION Alternate Name(s): ARISTECH CHEMICAL CORPORATION GRACE W R & CO - POLYESTER DIVISION USS CHEMICALS DIV 291 WEST ADAMS STREET Address(es) : COLTON, CA 92324 Background Info : Not reported 36280004 Facility Id : AWP Activities Code : DTSC Site Activity Code : DISC DISCOVERY Activity Code Def: AWP Activity Id : Not reported **Dt Activity Due For Completion :** Not reported **Revised Due Date :** Not reported 04011979 Date Activity Completed : Est # Of Person-years To Complete : n Est. Size Of An Activity Code : Not reported Site Status When Activity Commitment Made : REFRC **PROPERTY/SITE REFERRED TO RCRA** Status Code Definition : Cubic Yards Of Solids Removed At Completion : 0 Gallons Of Liquid Removed Upon Completicn : ۵ Cubic Yards Of Solids Treated Upon Completion : 0 Actvty Deleted Via Commitmnt/Completns Screen : Not reported Special Program Code: Not reported **Special Program :** Not reported Comments Date : 03151983 Comments : RWQCB FILE: SYNTHETIC FABRIC MFG. FACILITY IDENTIFIED ECKHARDT LIST FACILITY DRIVE-BY ACTIVE, GOOD HOUSEKEEPING. NO ABANDONED WASTE PROBLEM. FACILITY DRIVE-BY ACTIVE FACILITY. NO WASTE PROBLEM OBS.

RATIONALE FOR NFA NO PROBLEM BASED ON DRIVEBY

Map ID Direction Distance Distance (ft.) Elevation Site

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Database(s)

EDR ID Number EPA ID Number

	Active generator, refer to County.	
	TSD facility-large quantity generator. Permit issued on	
	11-15-89.	
	CHEMICAL MFG	
	WADE'S QUESTIONNAIRE SENT	
HAZNET:		
Gepaid:	CAD091933895	
TSD EPA ID:	CAT080014079	
Gen County:	San Bernardino	
Tsd County:	7	
Tons:	.0440	
Facility Address 2:	Not reported	
Waste Category:	Laboratory waste chemicals	
Disposal Method:	Not reported	
Contact:	ASHLAND INCORPORATED	
Telephone:	(614) 790-6241	
Mailing Name:	Not reported	
Mailing Address: 5	200 BLAZER PARKWAY	
D	UBLIN, CA 43017 - 5309	
County	San Bernardino	•
Gepaid:	CAD091933895	
TSD EPA ID:	CAT080013352	
Gen County:	San Bernardino	
Tsd County:	Los Angeles	
Tons:	15.8460	
Facility Address 2:	Not reported	
Waste Category:	Off-specification, aged, or surplus organics	
Disposal Method:	Not reported	
Contact:	ASHLAND INCORPORATED	
Telephone:	(614) 790-6241	
Mailing Name:	Not reported	
Mailing Address: 5	200 BLAZER PARKWAY	
D	UBLIN, CA 43017 - 5309	
County	San Bernardino	
Gepaid:	CAD091933895	
TSD EPA ID:	CAT080013352	
Gen County:	San Bernardino	
Tsd County:	Los Angeles	
Tons:	135.3790	
Facility Address 2:	Not reported	
Waste Category:	Off-specification, aged, or surplus organics	
Disposal Method:	Recycler	
Contact:	ASHLAND INCORPORATED	
Telephone:	(614) 790-6241	
Mailing Name:	Not reported	
Mailing Address: 5	200 BLAZER PARKWAY	
D	UBLIN, CA 43017 - 5309	
County	San Bernaruno	

Database(s)

EDR ID Number EPA ID Number

## 1000388278

## ASHLAND CHEMICAL CO (Continued)

Gepaid: CAD091933895 CAD009452657 TSD EPA ID: Gen County: San Bernardino Tsd County: San Mateo Tons: 26.3376 Facility Address 2: Not reported Waste Category: Unspecified solvent mixture Waste Disposal Method: Recycler Contact: ASHLAND INCORPORATED (614) 790-6241 Telephone: Mailing Name: Not reported Mailing Address: 5200 BLAZER PARKWAY DUBLIN, CA 43017 - 5309 County San Bernardino CAD091933895 Gepaid: TSD EPA ID: CAD008302903 Gen County: San Bernardino Tsd County: Los Angeles 34.1940 Tons: Facility Address 2: Not reported Liquids with pH <UN-> 2 Waste Category: **Disposal Method: Transfer Station** ASHLAND INCORPORATED Contact: (614) 790-6241 Telephone: Mailing Name: Not reported Mailing Address: 5200 BLAZER PARKWAY DUBLIN, CA 43017 - 5309 County San Bernardino Click this hyperlink while viewing on your computer to access 20 additional CA HAZNET record(s) in the EDR Site Report. CORTESE: Region: CORTESE 291 ADAMS ST Fac Address 2: SWEEPS: Status : A Comp Number : 42161 Number: Q Board Of Equalization: 44-021010 08-28-91 Ref Date : Act Date : 08-28-91 Created Date : 02-29-88 Tank Status : А Owner Tank Id : U-101 36-000-042161-000001 Swrcb Tank Id : Actv Date : 08-23-88 Capacity : 25000 Tank Use : UNKNOWN Stg: P Content : Y Number Of Tanks : 4 Status : Α

Comp Number : 42161 Number : 9

Map ID Direction Distance Distance (ft.) Elevation Site

Database(s)

EDR ID Number EPA ID Number

## ASHLAND CHEMICAL CO (Continued)

Board Of Equalization : Ref Date : Act Date : Created Date : Tank Status : Owner Tank Id : Swrcb Tank Id : Actv Date : Capacity : Tank Use :	44-021010 08-28-91 08-28-91 02-29-88 A U-102 36-000-042161-0000 08-23-88 25000 UNKNOWN	02
Stg :	Ρ	
Content :	Y	
Number Of Tanks :	Not reported	
Status : Comp Number : Number :	A 42161 9	
Board Of Equalization :	44-021010	
Ref Date :	08-28-91	
Act Date : Created Date (	08-28-91	
Tank Status	Δ	
Owner Tank Id :	U-103	
Swrcb Tank Id :	36-000-042161-0000	03
Actv Date :	08-23-88	
Capacity :	8000	
Tank Use :	UNKNOWN	
Stg :	P	
Content : Number Of Tenks :	T Not reported	
Number OF Tanks .	Not reported	
Status :	A	
Comp Number :	42161	
Number :	9	
Board Of Equalization :	44-021010	
Ref Date :	08-28-91	
Act Uate : Created Date :	02 20 28	
Tank Status :	Δ	
Owner Tank Id	U-104	
Swrcb Tank Id :	36-000-042161-0000	04
Actv Date :	08-24-88	
Capacity :	8000	
Tank Use :	M.V. FUEL	
Stg :	P	
Content :	Y Not constant	
Number OF Tanks :	Not reported	
EMISSIONS :		4007
rear: Facility ID :		1907
Air District Code		SC
SIC Code :		2821
Air Basin :		SC
Air District Name :		SOUTH COAST AQMD
Community Health Air F	Pollution Info System :	Not reported
Consolidated Emission County Code :	Reporting Rule :	Not reported 36

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Database(s)

EDR ID Number EPA ID Number

## 1000388278

ASHLAND CHEMICAL CO (Continued)	
County ID :	36
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr :	1
Part. Matter 10 Micrometers and Smaller Tons	s/Yr: 0
Year :	1990
Facility ID :	55344
Air District Code :	SC
SIC Code :	2821
Air Basin :	SC
Air District Name :	SOUTH COAST AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	36
County ID :	36
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr :	0
Part. Matter 10 Micrometers and Smaller Tons	s/Yr: 0

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## ORPHAN SUMMARY

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City	EDR ID	Site Name	Site Address	Zip	Database(s)
BLOOMINGTON	93468248	COLTON YARD 19100 SLOVER AVE	COLTON YARD 19100 SLOVER AVE	92324	ERNS
COLTON	S102415387	ALMADEN-BLOSSOM HILL	1150 BLOSSOM HILL RD 4	92324	Cortese, SAN JOSE HAZMAT
COLTON	1003879736	GUYAUX LANDFILL	END OF FLORES & FERNANDO STREETS	92324	CERC-NFRAP
COLTON	2003645877	2281 LACROSS AVE	2281 LACROSS AVE	92324	ERNS
COLTON	2000532283	OFF RANCHO AVE AND I-10	OFF RANCHO AVE AND I-10		ERNS
COLTON	2000532261	OFF RANCHO AVE AND I-10	OFF RANCHO AVE AND I-10		ERNS
COLTON	99845264	RANCHERO AVE YARD	RANCHERO AVE YARD		ERNS
COLTON	2003703565	2501 SLOVER AVE	2501 SLOVER AVE		ERNS
COLTON	2003643533	19100 SOLVER AVE	19100 SOLVER AVE		ERNS
COLTON	2002626862	19100 SOLVER AVE	19100 SOLVER AVE		ERNS
COLTON	99608389	VALLEY BLVD AND PEPPER AVE	VALLEY BLVD AND PEPPER AVE		ERNS
COLTON	99622519	VALLEY BLVD 307 POCKET (PEPPER AVE ) MPM	VALLEY BLVD 307 POCKET (PEPPER AVE ) MPM 539.4, YUMA		ERNS
		539.4, YUMA SUBDIVI	SUBDIVI		
GRAND TERRACE	S106910746	RIVERSIDE GRAND TERRAC	GRAND TERRACE / NEWPORT	92324	San Bern. Co. Permit
GRAND TERRACE	92274945	MT VERNON AND BARTON AVE	MT VERNON AND BARTON AVE	92324	ERNS
SACRAMENTO	S100178708	ARCO SERVICE STATION #2068	2100 BROADWAY	92324	Notify 65, HAZNET, CHMIRS,
					Sacramento Co. ML
SACRAMENTO	S100231715	WONDER MARKET	2025 BROADWAY	92324	Notify 65, HAZNET, LUST,
					Cortese, Sacramento Co. ML

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	EPA Waste Codes Addendum
Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH PÒINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D007	CHROMIUM
D008	LEAD
D035	METHYL ETHYL KETONE
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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: 11/29/2005 Date Data Arrived at EDR: 01/31/2006 Date Made Active in Reports: 02/27/2006 Number of Days to Update: 27 Source: EPA Telephone: N/A Last EDR Contact: 03/01/2006 Next Scheduled EDR Contact: 05/01/2006 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

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 11/29/2005 Date Data Arrived at EDR: 01/31/2006 Date Made Active in Reports: 02/27/2006 Number of Days to Update: 27 Source: EPA Telephone: N/A Last EDR Contact: 03/01/2006 Next Scheduled EDR Contact: 05/01/2006 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.

EPA Region 6

EPA Region 8

Telephone: 214-655-6659

Telephone: 303-312-6774

Date of Government Version: 11/29/2005 Date Data Arrived at EDR: 01/31/2006 Date Made Active in Reports: 02/27/2006 Number of Days to Update: 27 Source: EPA Telephone: N/A Last EDR Contact: 03/01/2006 Next Scheduled EDR Contact: 05/01/2006 Data Release Frequency: Quarterly

#### NPL RECOVERY: Federal Superfund Liens

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

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994 Number of Days to Update: 56 Source: EPA Telephone: 202-564-4267 Last EDR Contact: 03/06/2006 Next Scheduled EDR Contact: 05/22/2006 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: 10/24/2005 Date Data Arrived at EDR: 12/21/2005 Date Made Active in Reports: 01/30/2006 Number of Days to Update: 40 Source: EPA Telephone: 703-413-0223 Last EDR Contact: 03/21/2006 Next Scheduled EDR Contact: 06/19/2006 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: 10/24/2005
 Source: EPA

 Date Data Arrived at EDR: 12/21/2005
 Telephone: 703-413-0223

 Date Made Active in Reports: 01/30/2006
 Last EDR Contact: 03/21/2006

 Number of Days to Update: 40
 Next Scheduled EDR Contact: 06/19/2006

 Data Release Frequency: Quarterly

## **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/29/2005	
Date Data Arrived at EDR: 01/11/2006	
Date Made Active in Reports: 02/21/2006	
Number of Days to Update: 41	

Source: EPA Telephone: 800-424-9346 Last EDR Contact: 03/06/2006 Next Scheduled EDR Contact: 06/05/2006 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: 12/15/2005 Date Data Arrived at EDR: 12/28/2005 Date Made Active in Reports: 01/30/2006 Number of Days to Update: 33 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 03/01/2006 Next Scheduled EDR Contact: 04/24/2006 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: 12/31/2005 Date Data Arrived at EDR: 01/12/2006 Date Made Active in Reports: 02/21/2006 Number of Days to Update: 40 Source: National Response Center, United States Coast Guard Telephone: 202-260-2342 Last EDR Contact: 01/12/2006 Next Scheduled EDR Contact: 04/24/2006 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: 01/16/2006 Date Made Active in Reports: 02/21/2006 Number of Days to Update: 36 Source: U.S. Department of Transportation Telephone: 202-366-4555 Last EDR Contact: 01/16/2006 Next Scheduled EDR Contact: 04/17/2006 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: 08/02/2005 Date Data Arrived at EDR: 08/12/2005 Date Made Active in Reports: 10/06/2005 Number of Days to Update: 55 Source: Environmental Protection Agency Telephone: 703-603-8867 Last EDR Contact: 03/03/2006 Next Scheduled EDR Contact: 07/03/2006 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: 01/10/2005 Date Data Arrived at EDR: 02/11/2005 Date Made Active in Reports: 04/06/2005 Number of Days to Update: 54 Source: Environmental Protection Agency Telephone: 703-603-8867 Last EDR Contact: 03/03/2006 Next Scheduled EDR Contact: 07/03/2006 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: 12/31/2004 Date Data Arrived at EDR: 02/08/2005 Date Made Active in Reports: 08/04/2005 Number of Days to Update: 177 Source: USGS Telephone: 703-692-8801 Last EDR Contact: 02/06/2006 Next Scheduled EDR Contact: 05/08/2006 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: 12/05/2005 Date Data Arrived at EDR: 01/19/2006 Date Made Active in Reports: 02/21/2006 Number of Days to Update: 33 Source: U.S. Army Corps of Engineers Telephone: 202-528-4285 Last EDR Contact: 01/19/2006 Next Scheduled EDR Contact: 04/03/2006 Data Release Frequency: Varies

US BR')WNFIELDS: 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 recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 11/29/2005 Date Data Arrived at EDR: 12/05/2005 Date Made Active in Reports: 01/30/2006 Number of Days to Update: 56 Source: Environmental Protection Agency Telephone: 202-566-2777 Last EDR Contact: 03/13/2006 Next Scheduled EDR Contact: 06/12/2006 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: 12/14/2004 Date Data Arrived at EDR: 02/15/2005 Date Made Active in Reports: 04/25/2005 Number of Days to Update: 69 Source: Department of Justice, Consent Decree Library Telephone: Varies Last EDR Conlact: 03/13/2006 Next Scheduled EDR Contact: 04/24/2006 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: 12/07/2005 Date Data Arrived at EDR: 01/06/2006 Date Made Active in Reports: 02/21/2006 Number of Days to Update: 46 Source: EPA Telephone: 703-416-0223 Last EDR Contact: 01/04/2006 Next Scheduled EDR Contact: 04/03/2006 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: 11/04/2005 Date Data Arrived at EDR: 11/28/2005 Date Made Active in Reports: 01/30/2006 Number of Days to Update: 63 Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 03/20/2006 Next Scheduled EDR Contact: 06/19/2006 Data Release Frequency: Varies

### ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004 Number of Days to Update: 39 Source: Environmental Protection Agency Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2003	Source: EPA
Date Data Arrived at EDR: 07/13/2005	Telephone: 202-566-0250
Date Made Active in Reports: 08/17/2005	Last EDR Contact: 03/21/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Annually

**TSCA:** Toxic Substances Control Act

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

Date of Government Version: 12/31/2002 Date Data Arrived at EDR: 04/27/2004 Date Made Active in Reports: 05/21/2004 Number of Days to Update: 24

Source: EPA Telephone: 202-260-5521 Last EDR Contact: 03/06/2006 Next Scheduled EDR Contact: 04/17/2006 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenlicide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/17/2006 Date Data Arrived at EDR: 01/24/2006 Date Made Active in Reports: 02/27/2006 Number of Days to Update: 34

Source: EPA/Office of Prevention, Pesticides and Toxic Substances Telephone: 202-566-1667 Last EDR Contact: 03/20/2006 Next Scheduled EDR Contact: 06/19/2006 Data Release Frequency: Quarterly

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

Date of Government Version: 01/17/2006 Date Data Arrived at EDR: 01/24/2006 Date Made Active in Reports: 02/27/2006 Number of Days to Update: 34

Source: EPA Telephone: 202-566-1667 Last EDR Contact: 03/20/2006 Next Scheduled EDR Contact: 06/19/2006 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: 12/31/2003 Date Data Arrived at EDR: 01/03/2005 Date Made Active in Reports: 01/25/2005 Number of Days to Update: 22

Source: EPA Telephone: 202-564-4203 Last EDR Contact: 03/06/2006 Next Scheduled EDR Contact: 04/17/2006 Data Release Frequency: Annually

## 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: 12/27/2005	Source: EPA
Date Data Arrived at EDR: 02/08/2006	Telephone: 202-566-0500
Date Made Active in Reports: 02/27/2006	Last EDR Contact: 02/08/2006
Number of Days to Update: 19	Next Scheduled EDR Contact: 05/08/2006
	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: 10/18/2005	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 10/31/2005	Telephone: 301-415-7169
Date Made Active in Reports: 12/20/2005	Last EDR Contact: 02/08/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 04/03/2006
	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: 11/08/2005	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 12/27/2005	Telephone: 303-231-5959
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 12/27/2005
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/27/2006
	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: 01/09/2006 Date Data Arrived at EDR: 01/16/2006 Date Made Active in Reports: 02/21/2006 Number of Days to Update: 36 Source: EPA Telephone: N/A Last EDR Contact: 01/03/2006 Next Scheduled EDR Contact: 04/03/2006 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: 03/06/2006 Next Scheduled EDR Contact: 06/05/2006 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: 12/31/2003 Date Data Arrived at EDR: 06/17/2005 Date Made Active in Reports: 08/04/2005 Number of Days to Update: 48 Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 03/17/2006 Next Scheduled EDR Contact: 06/12/2006 Data Release Frequency: Biennially

## STATE AND LOCAL RECORDS

## AWP: Annual Workplan Sites

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

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/29/2005 Date Made Active in Reports: 09/21/2005 Number of Days to Update: 23 Source: California Environmental Protection Agency Telephone: 916-323-3400 Last EDR Contact: 03/16/2006 Next Scheduled EDR Contact: 05/29/2006 Data Release Frequency: Annually

#### 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.

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/29/2005 Date Made Active in Reports: 09/21/2005 Number of Days to Update: 23 Source: Department of Toxic Substance Control Telephone: 916-323-3400 Last EDR Contact: 03/15/2006 Next Scheduled EDR Contact: 05/29/2006 Data Release Frequency: Quarterly

## 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

#### NFA: No Further Action Determination

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

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/29/2005 Date Made Active in Reports: 10/06/2005 Number of Days to Update: 38 Source: Department of Toxic Substances Control Telephone: 916-323-3400 Last EDR Contact: 03/15/2006 Next Scheduled EDR Contact: 05/29/2006 Data Release Frequency: Quarterly

#### NFE: Properties Needing Further Evaluation

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

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/29/2005 Date Made Active in Reports: 09/21/2005 Number of Days to Update: 23 Source: Department of Toxic Substances Control Telephone: 916-323-3400 Last EDR Contact: 03/15/2006 Next Scheduled EDR Contact: 05/29/2006 Data Release Frequency: Quarterly

### **REF: Unconfirmed Properties Referred to Another Agency**

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

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/29/2005 Date Made Active in Reports: 10/06/2005 Number of Days to Update: 38 Source: Department of Toxic Substances Control Telephone: 916-323-3400 Last EDR Contact: 03/15/2006 Next Scheduled EDR Contact: 05/29/2006 Data Release Frequency: Quarterly

### 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: 08/08/2005 Date Data Arrived at EDR: 08/29/2005 Date Made Active in Reports: 10/06/2005 Number of Days to Update: 38	Source: Department of Toxic Substances Control Telephone: 916-323-3400 Last EDR Contact: 03/15/2006 Next Scheduled EDR Contact: 05/29/2006 Data Release Frequency: Quarterly
TOXIC PITS: Toxic Pits Cleanup Act Sites Toxic PITS Cleanup Act Sites. TOXIC PITS i has not yet been completed.	identifies sites suspected of containing hazardous substances where cleanup
Date of Government Version: 07/01/1995 Date Data Arrived at EDR: 08/30/1995 Date Made Active in Reports: 09/26/1995 Number of Days to Update: 27	Source: State Water Resources Control Board Telephone: 916-227-4364 Last EDR Contact: 01/30/2006 Next Scheduled EDR Contact: 05/01/2006 Data Release Frequency: No Update Planned
SWF/LF (SWIS): Solid Waste Information System Active, Closed and Inactive Landfills. SWF/L facilities or landfills. These may be active or 4004 criteria for solid waste landfills or dispo	n F records typically contain an inve ntory of solid waste disposal i nactive facilities or open dumps that failed to meet RCRA Section sal sites.
Date of Government Version: 12/08/2005	Source: Integrated Waste Management Board

Date Data Arrived at EDR: 12/13/2005 Date Made Active in Reports: 01/19/2006 Number of Days to Update: 37

Telephone: 916-341-6320 Last EDR Contact: 03/15/2006 Next Scheduled EDR Contact: 06/12/2006 Data Release Frequency: Quarterly

## CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 12/19/2005	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/21/2005	Telephone: 916-341-5227
Date Made Active in Reports: 01/19/2006	Last EDR Contact: 03/21/2006
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/19/2006
	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: 03/06/2006 Next Scheduled EDR Contact: 06/05/2006 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: 916-323-9100 Last EDR Contact: 02/06/2006 Next Scheduled EDR Contact: 04/24/2006 Data Release Frequency: No Update Planned
SWRCY: Recycler Database A listing of recycling facilities in California.	
Date of Government Version: 01/05/2006 Date Data Arrived at EDR: 01/09/2006 Date Made Active in Reports: 01/31/2006 Number of Days to Update: 22	Source: Department of Conservation Telephone: 916-323-3836 Last EDR Contact: 01/09/2006 Next Scheduled EDR Contact: 04/10/2006 Data Release Frequency: Quarterly
LUST: Geotracker's Leaking Underground Fuel Ta Leaking Underground Storage Tank Incident I storage tank incidents. Not all states maintain	ank Report Reports. LUST records contain an inventory of reported leaking underground h these records, and the information stored varies by state.
Date of Government Version: 01/09/2006 Date Data Arrived at EDR: 01/09/2006 Date Made Active in Reports: 01/31/2006 Number of Days to Update: 22	Source: State Water Resources Control Board Telephone: 916-341-5752 Last EDR Contact: 01/09/2006 Next Scheduled EDR Contact: 04/10/2006 Data Release Frequency: Quarterly
LUST REG 4: Underground Storage Tank Leak Lis Los Angeles, Ventura counties. For more curr Board's LUST database.	st rent information, please refer to the State Water Resources Control
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: 213-576-6600 Last EDR Contact: 03/28/2006 Next Scheduled EDR Contact: 06/26/2006 Data Release Frequency: No Update Planned
LUST REG 6L: Leaking Underground Storage Tar For more current information, please refer to	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: 916-542-5424 Last EDR Contact: 03/06/2006 Next Scheduled EDR Contact: 06/05/2006 Data Release Frequency: No Update Planned
LUST REG 9: Leaking Underground Storage Tank Orange, Riverside, San Diego counties. For r Control Board's LUST database.	k Report more 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: 858-467-2980 Last EDR Contact: 01/16/2006 Next Scheduled EDR Contact: 04/17/2006 Data Release Frequency: No Update Planned
LUST REG 8: Leaking Underground Storage Tan California Regional Water Quality Control Bo to the State Water Resources Control Board	ks vard Santa Ana Region (8). For more current information, please refer 's LUST database.
Date of Government Version: 02/14/2005 Date Data Arrived at EDR: 02/15/2005 Date Made Active in Reports: 03/28/2005 Number of Days to Update: 41	Source: California Regional Water Quality Control Board Santa Ana Region (8) Telephone: 951-782-4130 Last EDR Contact: 02/06/2006 Next Scheduled EDR Contact: 05/08/2006

## LUST REG 7: Leaking Underground Storage Tank Case Listing

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 12/27/2005
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/27/2006 Data Release Frequency: No Update Planned

## LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-346-7491
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 01/04/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/03/2006
•	Data Release Frequency: No Update Planned

## LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 01/15/2006	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 01/16/2006	Telephone: 916-464-3291
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 01/16/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/03/2006
	Data Release Frequency: Quarterly

## LUST REG 3: Leaking Underground Storage Tank Database

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-549-3147
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 02/13/2006
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/15/2006
•	Data Release Frequency: No Update Planned

## LUST REG 1: Active Toxic Site Investigation

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

Date of Government Version:	02/01/2001 Source	e: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02	/28/2001 Telep	hone: 707-576-2220
Date Made Active in Reports:	03/29/2001 Last I	EDR Contact: 02/20/2006
Number of Days to Update: 29	9 Next	Scheduled EDR Contact: 05/22/2006
	Data	Release Frequency: No Update Planned

## LUST REG 2: Fuel Leak List

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: 510-286-0457 Last EDR Contact: 01/09/2006 Next Scheduled EDR Contact: 04/10/2006 Data Release Frequency: Quarterly

## CA FID UST: Facility Inventory Database

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

Date of Government Version: 10/31/1994 Date Data Arrived at EDR: 09/05/1995 Date Made Active in Reports: 09/29/1995 Number of Days to Update: 24 Source: California Environmental Protection Agency Telephone: 916-341-5851 Last EDR Contact: 12/28/1998 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases The Spills, Leaks, Investigations, and Cleanu and leaks, other than from underground stora	ps (SLIC) listings includes unauthorized discharges from spills age tanks or other regulated sites.	
Date of Government Version: 01/09/2006 Date Data Arrived at EDR: 01/09/2006 Date Made Active in Reports: 01/31/2006 Number of Days to Update: 22	Source: State Water Resources Control Board Telephone: 916-341-5752 Last EDR Contact: 01/09/2006 Next Scheduled EDR Contact: 04/10/2006 Data Release Frequency: Varies	
SLIC REG 1: Active Toxic Site Investigations		
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: 02/20/2006 Next Scheduled EDR Contact: 05/22/2006 Data Release Frequency: No Update Planned	
SLIC REG 2: Spills, Leaks, Investigation & Clean Any contaminated site that impacts groundwa	up Cost Recovery Listing ater or has the potential to impact groundwater.	
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: 01/09/2006 Next Scheduled EDR Contact: 04/10/2006 Data Release Frequency: Quarterly	
SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing Any contaminated site that impacts groundwater or has the potential to impact groundwater.		
Date of Government Version: 02/17/2006 Date Data Arrived at EDR: 02/17/2006 Date Made Active in Reports: 03/13/2006 Number of Days to Update: 24	Source: California Regional Water Quality Control Board Central Coast Region (3) Telephone: 805-549-3147 Last EDR Contact: 02/13/2006 Next Scheduled EDR Contact: 05/15/2006 Data Release Frequency: Semi-Annually	
SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing Any contaminated site that impacts groundwater or has the potential to impact groundwater.		
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: 01/23/2006 Next Scheduled EDR Contact: 04/24/2006 Data Release Frequency: Varies	
SLIC REG 5: Spills, Leaks, Investigation & Cleand Unregulated sites that impact groundwater or	up Cost Recovery Listing r have the potential to impact groundwater.	
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: 01/16/2006 Next Scheduled EDR Contact: 04/03/2006 Data Release Frequency: Semi-Annually	
SLIC REG 6V: Spills, Leaks, Investigation & Clea	nup Cost Recovery Listing	
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: 01/06/2006 Next Scheduled EDR Contact: 04/03/2006 Data Release Frequency: Semi-Annually	

## SLIC REG 6L: SLIC Sites

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: 03/06/2006 Next Scheduled EDR Contact: 06/05/2006 Data Release Frequency: No Update Planned

## SLIC REG 7: SLIC List

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: 03/06/2006 Next Scheduled EDR Contact: 05/22/2006 Data Release Frequency: No Update Planned

#### SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

 Date of Government Version: 11/17/2004
 Source: California Region Water Quality Control Board Santa Ana Region (8)

 Date Data Arrived at EDR: 01/17/2006
 Telephone: 951-782-3298

 Date Made Active in Reports: 02/21/2006
 Last EDR Contact: 01/17/2006

 Number of Days to Update: 35
 Next Scheduled EDR Contact: 04/03/2006

 Data Release Frequency: Semi-Annually

## SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 12/14/2005	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 12/14/2005	Telephone: 858-467-2980
Date Made Active in Reports: 01/19/2006	Last EDR Contact: 03/13/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/29/2006
- •	Data Release Frequency: Annually

#### **UST:** Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/09/2006	Source: SWRCB
Date Data Arrived at EDR: 01/09/2006	Telephone: 916-341-5851
Date Made Active in Reports: 01/31/2006	Last EDR Contact: 01/09/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/10/2006
	Data Release Frequency: Semi-Annually

### HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990 Date Data Arrived at EDR: 01/25/1991 Date Made Active in Reports: 02/12/1991 Number of Days to Update: 18 Source: State Water Resources Control Board Telephone: 916-341-5851 Last EDR Contact: 07/26/2001 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

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

Date of Government Version: 01/30/2006 Date Data Arrived at EDR: 01/30/2006 Date Made Active in Reports: 02/17/2006 Number of Days to Update: 18 Source: State Water Resources Control Board Telephone: 916-341-5712 Last EDR Contact: 01/30/2006 Next Scheduled EDR Contact: 05/01/2006 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: 12/31/2004 Date Data Arrived at EDR: 11/30/2005 Date Made Active in Reports: 01/19/2006 Number of Days to Update: 50 Source: Office of Emergency Services Telephone: 916-845-8400 Last EDR Contact: 02/20/2006 Next Scheduled EDR Contact: 05/22/2006 Data Release Frequency: Varies

## NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 10/21/1993 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: 01/16/2006 Next Scheduled EDR Contact: 04/17/2006 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: 01/03/2006 Date Data Arrived at EDR: 01/04/2006 Date Made Active in Reports: 01/19/2006 Number of Days to Update: 15 Source: Department of Toxic Substances Control Telephone: 916-323-3400 Last EDR Contact: 01/03/2006 Next Scheduled EDR Contact: 04/03/2006 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: 08/08/2005 Date Data Arrived at EDR: 08/29/2005 Date Made Active in Reports: 09/21/2005 Number of Days to Update: 23 Source: Department of Toxic Substances Control Telephone: 916-323-3400 Last EDR Contact: 03/15/2006 Next Scheduled EDR Contact: 05/29/2006 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: 01/04/2006 Next Scheduled EDR Contact: 04/03/2006 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: 01/23/2006 Date Data Arrived at EDR: 01/24/2006 Date Made Active in Reports: 02/21/2006 Number of Days to Update: 28 Source: Los Angeles Water Quality Control Board Telephone: 213-576-6726 Last EDR Contact: 01/23/2006 Next Scheduled EDR Contact: 04/24/2006 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: 12/31/2005 Date Data Arrived at EDR: 02/10/2006 Date Made Active in Reports: 03/13/2006 Number of Days to Update: 31 Source: Department of Toxic Substances Control Telephone: 916-255-6504 Last EDR Contact: 02/08/2006 Next Scheduled EDR Contact: 04/24/2006 Data Release Frequency: Varies

#### HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2003 Date Data Arrived at EDR: 10/11/2005 Date Made Active in Reports: 10/31/2005 Number of Days to Update: 20 Source: California Environmental Protection Agency Telephone: 916-255-1136 Last EDR Contact: 02/24/2006 Next Scheduled EDR Contact: 05/08/2006 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: 12/31/2003 Date Data Arrived at EDR: 07/19/2005 Date Made Active in Reports: 08/11/2005 Number of Days to Update: 23 Source: California Air Resources Board Telephone: 916-322-2990 Last EDR Contact: 01/16/2006 Next Scheduled EDR Contact: 04/17/2006 Data Release Frequency: Varies

## 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: 12/31/2004 Date Data Arrived at EDR: 02/08/2005 Date Made Active in Reports: 08/04/2005 Number of Days to Update: 177 Source: USGS Telephone: 202-208-3710 Last EDR Contact: 02/06/2006 Next Scheduled EDR Contact: 05/08/2006 Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/07/2005 Date Data Arrived at EDR: 09/08/2005 Date Made Active in Reports: 10/31/2005 Number of Days to Update: 53 Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/10/2006 Next Scheduled EDR Contact: 05/22/2006 Data Release Frequency: Varies

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

Date of Government Version: 12/01/2005	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2006	Telephone: 415-972-3372
Date Made Active in Reports: 01/19/2006	Last EDR Contact: 02/20/2006
Number of Days to Update: 16	Next Scheduled EDR Contact: 05/22/2006
	Data Release Frequency: Varies

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 11/08/2005 Date Data Arrived at EDR: 11/09/2005 Date Made Active in Reports: 12/12/2005 Number of Days to Update: 33 Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 02/20/2006 Next Scheduled EDR Contact: 05/22/2006 Data Release Frequency: Varies

## 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 Mad<sup>,</sup> 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.

Source: EDR, Inc. Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

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

## 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: 02/16/2006 Date Data Arrived at EDR: 02/17/2006 Date Made Active in Reports: 03/13/2006 Number of Days to Update: 24 Source: Alameda County Environmental Health Services Telephone: 510-567-6700 Last EDR Contact: 01/23/2006 Next Scheduled EDR Contact: 04/24/2006 Data Release Frequency: Semi-Annually

## **Underground Tanks**

Date of Government Version: 02/27/2006 Date Data Arrived at EDR: 02/28/2006 Date Made Active in Reports: 03/23/2006 Number of Days to Update: 23 Source: Alameda County Environmental Health Services Telephone: 510-567-6700 Last EDR Contact: 02/27/2006 Next Scheduled EDR Contact: 04/24/2006 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: 12/09/2005
 Source: Contra Costa Health Services Department

 Date Data Arrived at EDR: 12/09/2005
 Telephone: 925-646-2286

 Date Made Active in Reports: 01/19/2006
 Last EDR Contact: 03/13/2006

 Number of Days to Update: 41
 Next Scheduled EDR Contact: 05/29/2006

 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: 01/18/2006 Date Data Arrived at EDR: 01/18/2006 Date Made Active in Report: : 02/21/2006 Number of Days to Update: 34 Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 01/18/2006 Next Scheduled EDR Contact: 05/08/2006 Data Release Frequency: Semi-Annually

## KERN COUNTY:

TC1643505.2s Page GR-16

## **Underground Storage Tank Sites & Tank Listing**

Kern County Sites and Tanks Listing.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/09/2005 Date Made Active in Reports: 01/11/2006 Number of Days to Update: 33 Source: Kern County Environment Health Services Department Telephone: 661-862-8700 Last EDR Contact: 03/27/2006 Next Scheduled EDR Contact: 06/05/2006 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	Source: EPA Region 9
Date Data Arrived at EDR: 07/07/1999	Telephone: 415-972-3178
Date Made Active in Reports: N/A	Last EDR Contact: 07/06/1999
Number of Days to Update: 0	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## City of El Segundo Underground Storage Tank

Date of Government Version: 02/27/2006 Date Data Arrived at EDR: 02/28/2006 Date Made Active in Reports: 03/23/2006 Number of Days to Update: 23 Source: City of El Segundo Fire Department Telephone: 310-524-2236 Last EDR Contact: 02/27/2006 Next Scheduled EDR Contact: 05/15/2006 Data Release Frequency: Semi-Annually

### City of Long Beach Underground Storage Tank

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: 02/24/2006 Next Scheduled EDR Contact: 05/22/2006 Data Release Frequency: Annually

## **City of Torrance Underground Storage Tank**

Date of Government Version: 02/27/2006 Date Data Arrived at EDR: 02/28/2006 Date Made Active in Reports: 03/23/2006 Number of Days to Update: 23 Source: City of Torrance Fire Department Telephone: 310-618-2973 Last EDR Contact: 02/27/2006 Next Scheduled EDR Contact: 05/15/2006 Data Release Frequency: Semi-Annually

## HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/31/2005 Date Data Arrived at EDR: 01/30/2006 Date Made Active in Reports: 02/21/2006 Number of Days to Update: 22

## List of Solid Waste Facilities

Date of Government Version: 02/14/2006 Date Data Arrived at EDR: 02/28/2006 Date Made Active in Reports: 03/13/2006 Number of Days to Update: 13 Source: Department of Public Works Telephone: 626-458-3517 Last EDR Contact: 02/13/2006 Next Scheduled EDR Contact: 05/15/2006 Data Release Frequency: Semi-Annually

Source: La County Department of Public Works Telephone: 818-458-5185 Last EDR Contact: 02/15/2006 Next Scheduled EDR Contact: 05/15/2006 Data Release Frequency: Varies

## **City of Los Angeles Landfills**

Date of Government Version: 03/01/2005 Date Data Arrived at EDR: 03/18/2005 Date Made Active in Reports: 04/08/2005 Number of Days to Update: 21 Source: Engineering & Construction Division Telephone: 213-473-7869 Last EDR Contact: 03/15/2006 Next Scheduled EDR Contact: 06/12/2006 Data Release Frequency: Varies

## Site Mitigation List

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

Date of Government Version: 01/05/2006	Source: Community Health Services
Date Data Arrived at EDR: 02/16/2006	Telephone: 323-890-7806
Date Made Active in Reports: 03/13/2006	Last EDR Contact: 02/03/2006
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/15/2006
- ·	Data Release Frequency: Annually

## MARIN COUNTY:

Underground Storage Tank Sites Currently permitted USTs in Marin County.

> Date of Government Version: 02/10/2006 Date Data Arrived at EDR: 02/28/2006 Date Made Active in Reports: 03/23/2006 Number of Days to Update: 23

Source: Public Works Department Waste Management Telephone: 415-499-6647 Last EDR Contact: 01/30/2006 Next Scheduled EDR Contact: 05/01/2006 Data Release Frequency: Semi-Annually

## NAPA COUNTY:

## Sites With Reported Contamination

Date of Government Version: 12/27/2005 Date Data Arrived at EDR: 12/28/2005 Date Made Active in Reports: 01/19/2006 Number of Days to Update: 22 Source: Napa County Department of Environmental Management Telephone: 707-253-4269 Last EDR Contact: 03/27/2006 Next Scheduled EDR Contact: 06/26/2006 Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/27/2005 Date Data Arrived at EDR: 12/28/2005 Date Made Active in Reports: 01/11/2006 Number of Days to Update: 14 Source: Napa County Department of Environmental Management Telephone: 707-253-4269 Last EDR Contact: 03/27/2006 Next Scheduled EDR Contact: 06/26/2006 Data Release Frequency: Annually

#### ORANGE COUNTY:

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

> Date of Government Version: 12/01/2005 Date Data Arrived at EDR: 12/20/2005 Date Made Active in Reports: 01/19/2006 Number of Days to Update: 30

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 03/08/2006 Next Scheduled EDR Contact: 06/05/2006 Data Release Frequency: Annually

## List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/01/2005 Date Data Arrived at EDR: 12/20/2005 Date Made Active in Reports: 01/19/2006 Number of Days to Update: 30 Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 03/08/2006 Next Scheduled EDR Contact: 06/05/2006 Data Release Frequency: Quarterly

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

Date of Government Version: 12/01/2005 Date Data Arrived at EDR: 12/16/2005 Date Made Active in Reports: 01/11/2006 Number of Days to Update: 26 Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 03/08/2006 Next Scheduled EDR Contact: 06/05/2006 Data Release Frequency: Quarterly

## PLACER COUNTY:

## **Master List of Facilities**

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/18/2006	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 01/18/2006	Telephone: 530-889-7312
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 03/20/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/19/2006
•	Data Release Frequency: Semi-Annually

## **RIVERSIDE COUNTY:**

## **Underground Storage Tank Tank List**

Date of Government Version: 02/09/2006 Date Data Arrived at EDR: 02/10/2006 Date Made Active in Reports: 03/09/2006 Number of Days to Update: 27 Source: Health Services Agency Telephone: 951-358-5055 Last EDR Contact: 01/16/2006 Next Scheduled EDR Contact: 04/17/2006 Data Release Frequency: Quarterly

## Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/09/2006 Date Data Arrived at EDR: 02/10/2006 Date Made Active in Reports: 03/13/2006 Number of Days to Update: 31 Source: Department of Public Health Telephone: 951-358-5055 Last EDR Contact: 01/16/2006 Next Scheduled EDR Contact: 04/17/2006 Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

## **CS** - Contaminated Sites

Date of Government Version: 02/02/2006 Date Data Arrived at EDR: 02/13/2006 Date Made Active in Reports: 03/13/2006 Number of Days to Update: 28 Source: Sacramento County Environmental Management Telephone: 916-875-8406 Last EDR Contact: 01/30/2006 Next Scheduled EDR Contact: 05/01/2006 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: 02/02/2006 Date Data Arrived at EDR: 02/10/2006 Date Made Active in Reports: 03/13/2006 Number of Days to Update: 31 Source: Sacramento County Environmental Management Telephone: 916-875-8406 Last EDR Contact: 01/30/2006 Next Scheduled EDR Contact: 05/01/2006 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: 12/21/2005 Date Data Arrived at EDR: 12/21/2005 Date Made Active in Reports: 01/19/2006 Number of Days to Update: 29 Source: San Bernardino County Fire Department Hazardous Materials Division Telephone: 909-387-3041 Last EDR Contact: 03/06/2006 Next Scheduled EDR Contact: 06/05/2006 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: 01/20/2006 Next Scheduled EDR Contact: 04/03/2006 Data Release Frequency: Quarterly

#### Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2005 Date Data Arrived at EDR: 12/29/2005 Date Made Active in Reports: 01/19/2006 Number of Days to Update: 21 Source: Department of Health Services Telephone: 619-338-2209 Last EDR Contact: 02/20/2006 Next Scheduled EDR Contact: 05/22/2006 Data Release Frequency: Varies

#### SAN FRANCISCO COUNTY:

#### **Local Oversite Facilities**

Date of Government Version: 12/07/2005 Date Data Arrived at EDR: 12/07/2005 Date Made Active in Reports: 01/19/2006 Number of Days to Update: 43 Source: Department Of Public Health San Francisco County Telephone: 415-252-3920 Last EDR Contact: 03/06/2006 Next Scheduled EDR Contact: 06/05/2006 Data Release Frequency: Quarterly

## **Underground Storage Tank Information**

Date of Government Version: 12/07/2005 Date Data Arrived at EDR: 12/07/2005 Date Made Active in Reports: 01/11/2006 Number of Days to Update: 35 Source: Department of Public Health Telephone: 415-252-3920 Last EDR Contact: 03/06/2006 Next Scheduled EDR Contact: 06/05/2006 Data Release Frequency: Quarterly

## SAN MATEO COUNTY:

### **Business Inventory**

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

Date of Government Version: 01/09/2006Source: San MDate Data Arrived at EDR: 01/10/2006Telephone: 650Date Made Active in Reports: 01/31/2006Last EDR ConttNumber of Days to Update: 21Next Scheduled

Source: San Mateo County Environmental Health Services Division Telephone: 650-363-1921 Last EDR Contact: 01/09/2006 Next Scheduled EDR Contact: 04/10/2006 Data Release Frequency: Annually

## Fuel Leak List

Date of Government Version: 01/11/2006 Date Data Arrived at EDR: 01/12/2006 Date Made Active in Reports: 01/31/2006 Number of Days to Update: 19 Source: San Mateo County Environmental Health Services Division Telephone: 650-363-1921 Last EDR Contact: 01/09/2006 Next Scheduled EDR Contact: 04/10/2006 Data Release Frequency: Semi-Annually

## SANTA CLARA COUNTY:

#### 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: 03/28/2006 Next Scheduled EDR Contact: 06/26/2006 Data Release Frequency: No Update Planned

## LOP Listing

A listing of open leaking underground storage tanks.

 Date of Government Version: 10/24/2005
 Source: Department of Environmental Health

 Date Data Arrived at EDR: 11/28/2005
 Telephone: 408-918-3417

 Date Made Active in Reports: 12/12/2005
 Last EDR Contact: 03/28/2006

 Number of Days to Update: 14
 Next Scheduled EDR Contact: 06/26/2006

 Data Release Frequency: Varies

#### **Hazardous Material Facilities**

Date of Government Version: 12/12/2005 Date Data Arrived at EDR: 12/12/2005 Date Made Active in Reports: 01/19/2006 Number of Days to Update: 38 Next Scheduled EDR Contact: 06/26/2006 Data Release Frequency: Varies Source: City of San Jose Fire Department

Telephone: 408-277-4659 Last EDR Contact: 03/06/2006 Next Scheduled EDR Contact: 06/05/2006 Data Release Frequency: Annually

SOLANO COUNTY:

## Leaking Underground Storage Tanks

Date of Government Version: 12/13/2005 Date Data Arrived at EDR: 12/14/2005 Date Made Active in Reports: 01/19/2006 Number of Days to Update: 36

## **Underground Storage Tanks**

Date of Government Version: 10/13/2005 Date Data Arrived at EDR: 10/31/2005 Date Made Active in Reports: 12/08/2005 Number of Days to Update: 38 Source: Solano County Department of Environmental Management Telephone: 707-784-6770 Last EDR Contact: 03/27/2006 Next Scheduled EDR Contact: 06/12/2006 Data Release Frequency: Quarterly

Source: Solano County Department of Environmental Management Telephone: 707-784-6770 Last EDR Contact: 03/27/2006 Next Scheduled EDR Contact: 06/12/2006 Data Release Frequency: Quarterly

## SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Date of Government Version: 01/23/2006 Date Data Arrived at EDR: 01/23/2006 Date Made Active in Reports: 02/21/2006 Number of Days to Update: 29 Source: Department of Health Services Telephone: 707-565-6565 Last EDR Contact: 01/23/2006 Next Scheduled EDR Contact: 04/24/2006 Data Release Frequency: Quarterly

## SUTTER COUNTY:

## **Underground Storage Tanks**

Date of Government Version: 12/31/0005 Date Data Arrived at EDR: 01/05/2006 Date Made Active in Reports: 01/31/2006 Number of Days to Update: 26 Source: Sutter County Department of Agriculture Telephone: 530-822-7500 Last EDR Contact: 01/03/2006 Next Scheduled EDR Contact: 04/03/2006 Data Release Frequency: Semi-Annually

#### VENTURA COUNTY:

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

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

Date of Government Version: 11/30/2005 Date Data Arrived at EDR: 01/04/2006 Date Made Active in Reports: 01/19/2006 Number of Days to Update: 15 Source: Ventura County Environmental Health Division Telephone: 805-654-2813 Last EDR Contact: 03/15/2006 Next Scheduled EDR Contact: 06/12/2006 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: 08/01/2005 Date Data Arrived at EDR: 09/20/2005 Date Made Active in Reports: 10/06/2005 Number of Days to Update: 16 Source: Environmental Health Division Telephone: 805-654-2813 Last EDR Contact: 02/20/2006 Next Scheduled EDR Contact: 05/22/2006 Data Release Frequency: Annually
## **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

#### Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/30/2005 Date Data Arrived at EDR: 01/03/2006 Date Made Active in Reports: 01/19/2006 Number of Days to Update: 16 Source: Environmental Health Division Telephone: 805-654-2813 Last EDR Contact: 03/15/2006 Next Scheduled EDR Contact: 06/12/2006 Data Release Frequency: Quarterly

**Underground Tank Closed Sites List** 

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

Date of Government Version: 12/29/2005 Date Data Arrived at EDR: 01/20/2006 Date Made Active in Reports: 02/15/2006 Number of Days to Update: 26 Source: Environmental Health Division Telephone: 805-654-2813 Last EDR Contact: 01/11/2006 Next Scheduled EDR Contact: 04/10/2006 Data Release Frequency: Quarterly

#### YOLO COUNTY:

#### **Underground Storage Tank Comprehensive Facility Report**

Date of Government Version: 01/18/2006	Source: Yolo County Department of Health
Date Data Arrived at EDR: 02/09/2006	Telephone: 530-666-8646
Date Made Active in Reports: 03/09/2006	Last EDR Contact: 01/16/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/17/2006
	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.

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

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fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

#### **AHA Hospitals:**

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

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

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

**Nursing Homes** Source: National Institutes of Health Telephone: 301-594-6248 Information on Medicare and Medicaid certified nursing homes in the United States. **Public Schools** Source: National Center for Education Statistics Telephone: 202-502-7300 The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states. **Private Schools** Source: National Center for Education Statistics Telephone: 202-502-7300 The National Center for Education Statistics' primary database on private school locations in the United States. **Daycare Centers: Licensed Facilities** Source: Department of Social Services Telephone: 916-657-4041

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

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

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

LITTON AVE AND BOSTICK AVE LITTON AVE/BOSTICK AVE COLTON, CA 92324

#### TARGET PROPERTY COORDINATES

Latitude (North):	34.03730 - 34° 2' 14.3"
Longitude (West):	117.3379 - 117' 20' 16.4"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	468808.5
UTM Y (Meters):	3766148.8
Elevation:	1032 ft. above sea level

#### USGS TOPOGRAPHIC MAP

Target Property Map:	
Most Recent Revision:	

34117-A3 SAN BERNARDINO SOUTH, CA 1980

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.

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

#### GROUNDWATER FLOW DIRECTION INFORMATION

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

#### TOPOGRAPHIC INFORMATION

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

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East





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

## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

#### HYDROLOGIC INFORMATION

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

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

#### FEMA FLOOD ZONE

Target Property County SAN BERNARDINO, CA	FEMA Flood Electronic Data YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	06071C8687F
Additional Panels in search area:	06071C8686F 06071C8689F 06071C8688F
NATIONAL WETLAND INVENTORY	
	NWI Electronic
NWI Quad at Target Property	Data Coverage
NOT AVAILABLE	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 Location Relative to TP: 1 - 2 Miles NE Site Name: **Griffin Wheel Dump** Site EPA ID Number: CAD983633744 Groundwater Flow Direction: INFLUENCED BY THE NEARBY SANTA ANA RIVER THAT LOSES WATER DURING HIGH FLOW CONDITIONS AND GAINS WATER DURING LOW FLOW CONDITIONS. Measured Depth to Water: less than 20 feet to more than 45 feet. Hydraulic Connection: The water table aquifer is interconnected with the Santa Ana River. Aquifers underlying the site are interconnected. Sole Source Aquifer: No information about a sole source aquifer is available Data Quality: Information is inferred in the CERCLIS investigation report(s)

#### **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.

LOCATION

FROM TP

MAP ID Not Reported GENERAL DIRECTION GROUNDWATER FLOW

B1996 Scenepeatc hydrogeological data gathered by CERCUS Alers, Inc., Banbridge 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 Labidy Information System (CERCUS) investigation.

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY

#### **GROUNDWATER FLOW VELOCITY INFORMATION**

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

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

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

#### **ROCK STRATIGRAPHIC UNIT**

#### **GEOLOGIC AGE IDENTIFICATION**

Era:	Paleozoic	Category:	Eugeosynclinal Deposits
System:	Pennsylvanian	•••	
Series:	Upper Paleozoic		
Code:	uPze (decoded above as Era, System &	Series)	

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



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#### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1	
Soil Component Name:	HANFORD
Soil Surface Texture:	sandy loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained. Soils have intermediate 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:	> 0 inches
-----------------------	------------

Depth to Bedrock Max: > 0 inches

	Soil Layer Information						
Boundary Classification							
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soll Reaction (pH)
1	0 inches	12 inches	sandy 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: 7.80 Min: 6.10
2	12 inches	60 inches	fine sandy 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: 7.80 Min: 5.60

Soil Map ID: 2

Soil Component Name:	VISTA
Soil Surface Texture:	sandy 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:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY

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

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 38 inches

Depth to Bedrock Max: > 42 inches

	Soil Layer Information						
	Bou	undary		Classi	fication		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	20 inches	sandy loarn	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.30 Min: 5.60
2	20 inches	38 inches	coarse sandy Ioam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.30 Min: 5.60
3	38 inches	42 inches	weathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

### Soil Map ID: 3

Soil Component Name:	HANFORD
Soil Surface Texture:	sandy loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained. Soils have intermediate 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:	> 0 inches
Depth to Bedrock Max:	> 0 inches



## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY

			Soil Layer	Information					
	Bou	indary		Classi	fication				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)		
1	0 inches	12 inches	sandy 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: 7.80 Min: 6.10		
2	12 inches	60 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soits	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.80 Min: 5.60		

#### LOCAL / REGIONAL WATER AGENCY RECORDS

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

#### WELL SEARCH DISTANCE INFORMATION

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

#### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	<b>USGS3135776</b>	1/4 - 1/2 Mile ENE
3	USGS3135791	1/4 - 1/2 Mile NE
A5	USGS3135810	1/2 - 1 Mile NE
A6	USGS3135823	1/2 - 1 Mile NE
B7	USGS3135834	1/2 - 1 Mile NE
88	USGS3290372	1/2 - 1 Mile NE
C9	USGS3135796	1/2 - 1 Mile ENE
C10	USGS3135804	1/2 - 1 Mile NE
11	USGS3135818	1/2 - 1 Mile NE
C12	USGS3135803	1/2 - 1 Mile ENE
13	USGS3135835	1/2 - 1 Mile NW

#### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D14	USGS3135809	1/2 - 1 Mile ENE
D15	USGS3135814	1/2 - 1 Mile ENE
18	USGS3135869	1/2 - 1 Mile NNE
19	USGS3135663	1/2 - 1 Mile North
20	USGS3135887	1/2 - 1 Mile NNE
21	USGS3135985	1/2 - 1 Mile ESE
25	USGS3135675	1/2 - 1 Mile NNE

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

		LOCATION
MAP ID	WELL ID	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	FROM TP	
2	971	1/4 - 1/2 Mile NE	
4	972	1/2 - 1 Mile ENE	
E16	970	1/2 - 1 Mile ENE	
E17	3075	1/2 - 1 Mile ENE	
22	2454	1/2 - 1 Mile SSE	
23	2453	1/2 - 1 Mile SE	
24	2452	1/2 - 1 Mile ESE	

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SITE NAME: Litton Ave and Bos	tick Ave CLI	IENT:	Leighton Associates
ADDRESS: Litton Ave/Bostick	Ave CO	ONTACT:	Zach Freeman
Colton CA 92324	INC	QUIRY #:	1643505.2s
LAT/LONG: 34.0373 / 117.337	DA	\TE:	March 28, 2006
		Copyright	t © 2005 EDR Inc. © 2005 Tele Atlas Rel: 07/2005

날아가 이 것 같은 것 같은 것 같은 것 같은 것 같은 것 않았는 것 같이 ?

Map ID Direction					
Distance					
Elevation				Database	EDR ID Number
1 ENE 1/4 - 1/2 Mile Lower				FED USGS	USGS3135776
Agency cd:	USGS	Site no:		340219117195501	
Site name:	001S004W31J001S				
Latitude:	340219				
Longitude:	1171955	Dec lat:		34.03862494	
Dec lon:	-117.33282176	Coor meth:		M	
Coor accr:	S	Lationg datum:		NAD27	
Dec lationg datum:	NAD83	District:		06	
State:	06	County:		071	
Country:	US	Land net:		Not Reported	
Location map:	Not Reported	Map scale:		Not Reported	
	940.00	Altitude method:		M	
Altitude accuracy:	10 Santa Ann. California, Anno a 16	Alutude datum:		NGVU29	
Hydrologic:	Santa Ana, California, Area - 16 Not Dependent	ou sq.m.			
Site type:	Crouted water other then Spring	Data construction:		10020101	
Date inventoried	Not Reported	Mean greenwich time	offect	DST	
Local standard time flag:	Y	mouri groommon amo	onset.	101	
Type of ground water site:	Single well, other than collector of	or Rannev type			
Aquifer Type:	Not Reported				
Aquifer:	Not Reported				
Well depth:	150	Hole depth:		150	
Source of depth data:	Not Reported	Project number:		Not Reported	
Real time data flag:	Not Reported	Daily flow data begin	date:	Not Reported	
Daily flow data end date:	Not Reported	Daily flow data count:		Not Reported	
Peak flow data begin date	: Not Reported	Peak flow data end da	ate:	Not Reported	
Peak flow data count:	Not Reported	Water quality data beg	gin date:	Not Reported	
Water quality data end da	te:Not Reported	Water quality data cou	unt:	Not Reported	
Ground water data begin of	date: Not Reported	Ground water data en	d date:	Not Reported	
Ground water data count:	Not Reported				
Ground-water levels, Num	ber of Measurements: 0				
2					071
1/4 - 1/2 Mile				CA MELLO	571
Lower					
Water System Information:					
Prime Station Code: (	01S/04W-32M01 S	User ID:	TAN		
FRDS Number:	3610057001	County:	San B	leemardino	
District Number:	13	Station Type:	WELL	JAMBNT	
Water Type:	Well/Groundwater	Well Status:	Active	Raw	
Source Lat/Long:	340230.0 1172000.0	Precision:	1,000	Feet (10 Seconds)	
Source Name: I	LINDA VISTA 01				
System Number:		~			•
Ornonization That Or	RIVERSIDE HIGHLAND WATER C	.u			
organization That Operate	S GYSIEM. 1450 MACHINGTON CT				
Pon Served	14542	Connections:	3873		
Area Served:	GRAND TERR/HIGHGROVE-RIVE	RSIDE	0070		

Sample Information: Sample Collected: Chemical:	* Only Findings Above Detec 06/22/1988 SPECIFIC CONDUCTAN	tion Level Are Listed Findings: CE	870.000 UMHO
Sample Collected: Chemical:	06/22/1988 PH (LABORATORY)	Findings:	7.470
Sample Collected: Chemical:	06/22/1988 TOTAL ALKALINITY (AS	Findings: CACO3)	204.200 MG/L
Sample Collected: Chemical:	06/22/1988 BICARBONATE ALKALIN	Findings:	249.200 MG/L
Sample Collected: Chemical:	06/22/1988 TOTAL HARDNESS (AS (	Findings: CACO3)	317.600 MG/L
Sample Collected: Chemical:	06/22/1988 CALCIUM	Findings:	99.600 MG/L
Sample Collected: Chemical:	06/22/1988 MAGNESIUM	Findings:	16.700 MG/L
Sample Collected: Chemical:	06/22/1988 SODIUM	Findings:	58.200 MG/L
Sample Collected: Chemical:	06/22/1988 POTASSIUM	Findings:	1.800 MG/L
Sample Collected: Chemical:	06/22/1988 CHLORIDE	Findings:	53.700 MG/L
Sample Collected: Chemical:	06/22/1988 FLUORIDE (TEMPERATI	Findings: JRE DEPENDENT)	.900 MG/L
Sample Collected: Chemical:	06/22/1988 BORON	Findings:	.350 UG/L
Sample Collected: Chemical:	06/22/1988 TOTAL DISSOLVED SOL	Findings: IDS	505.500 MG/L
Sample Collected: Chemical:	09/26/1988 COLOR	Findings:	5.000 UNITS
Sample Collected: Chemical:	09/26/1988 FLUGRIDE (TEMPERAT)	Findings: URE DEPENDENT)	.800 MG/L
Sample Collected: Chemical:	09/26/1988 TURBIDITY (LAB)	Findings:	.800 NTU
Sample Collected: Chemical:	06/01/1990 FLUORIDE (TEMPERATI	Findings: URE DEPENDENT)	1.000 MG/L
Sample Collected: Chemical:	06/01/1990 NITRATE (AS NO3)	Findings:	10.000 MG/L
Sample Collected: Chemical:	06/01/1990 GROSS ALPHA	Findings:	7.000 PCI/L
Sample Collected: Chemical:	06/01/1990 GROSS ALPHA COUNTI	Findings: NG ERROR	3.000 PCI/L
Sample Collected: Chemical:	08/31/1990 GROSS ALPHA	Findings:	3.000 PCI/L
Sample Collected: Chemical:	08/31/1990 GROSS ALPHA COUNTI	Findings: NG ERROR	2.000 PCI/L
Sample Collected: Chemical:	12/05/1990 COLOR	Findings:	3.000 UNITS
Sample Collected: Chemical:	12/05/1990 SPECIFIC CONDUCTAN	Findings: CE	850.000 UMHO

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Sample Collected: Chemical:

12/05/1990 PH (LABORATORY)	Findings:	7.900
12/05/1990 TOTAL ALKALINITY (AS CACO3)	Findings:	230.000 MG/L
12/05/1990 BICARBONATE ALKALINITY	Findings:	281.000 MG/L
12/05/1990 TOTAL HARDNESS (AS CACO3)	Findings:	278.000 MG/L
12/05/1990 CALCIUM	Findings:	84.000 MG/L
12/05/1990 MAGNESIUM	Findings:	16.000 MG/L
12/05/1990 SODIUM	Findings:	71.000 MG/L
12/05/1990 POTASSIUM	Findings:	8.000 MG/L
12/05/1990 CHLORIDE	Findings:	60.000 MG/L
12/05/1990 FLUORIDE (TEMPERATURE DEPE	Findings: NDENT)	.800 MG/L
12/05/1990 MANGANESE	Findings:	20.000 UG/L
12/05/1990 FOAMING AGENTS (MBAS)	Findings:	.160 UG/L
12/05/1990 TOTAL DISSOLVED SOLIDS	Findings:	500.000 MG/L
12/05/1990 NITRATE (AS NO3)	Findings:	9.000 MG/L
12/05/1990 TURBIDITY (LAB)	Findings:	.200 NTU
03/06/1991 COLOR	Findings:	3.000 UNITS
03/06/1991 SPECIFIC CONDUCTANCE	Findings:	820.000 UMHO
03/06/1991 PH (LABORATORY)	Findings:	8.000
03/06/1991 TOTAL ALKALINITY (AS CACO3)	Findings:	220.000 MG/L
03/06/1991 BICARBONATE ALKALINITY	Findings:	268.000 MG/L
03/06/1991 TOTAL HARDNESS (AS CACO3)	Findings:	268.000 MG/L
03/06/1991 CALCIUM	Findings:	81.000 MG/L
03/06/1991 MAGNESIUM	Findings:	16.000 MG/L
03/06/1991 CHLORIDE	Findings:	63.000 MG/L
03/06/1991 FLUORIDE (TEMPERATURE DEPE	Findings: NDENT)	.900 MG/L

Sample Collected: Chemical:

03/06/1991 MANGANESE	Findings:	20.000 UG/L
03/06/1991 FOAMING AGENTS (MBAS)	Findings:	.140 UG/L
03/06/1991 TOTAL DISSOLVED SOLIDS	Findings:	480.000 MG/L
03/06/1991 LANGELIER INDEX @ 60 C	Findings:	1.300
03/06/1991 NITRATE (AS NO3)	Findings:	6.000 MG/L
03/06/1991 TURBIDITY (LAB)	Findings:	.400 NTU
03/06/1991 AGGRSSIVE INDEX (CORROSIVITY	Findings: Y)	12.800
03/06/1991 GROSS ALPHA	Findings:	3.000 PCI/L
03/06/1991 GROSS ALPHA COUNTING ERROF	Findings: R	3.000 PCI/L
03/06/1991 RADIUM 226	Findings:	1.400 PCI/L
03/06/1991 RADIUM 226 COUNTING ERROR	Findings:	.600 PCI/L
06/05/1991 SPECIFIC CONDUCTANCE	Findings:	780.000 UMHO
06/05/1991 PH (LABORATORY)	Findings:	7.700
06/05/1991 TOTAL ALKALINITY (AS CACO3)	Findings:	190.000 MG/L
06/05/1991 BICARBONATE ALKALINITY	Findings:	232.000 MG/L
06/05/1991 TOTAL HARDNESS (AS CACO3)	Findings:	239.000 MG/L
06/05/1991 CALCIUM	Findings:	72.000 MG/L
06/05/1991 CHLORIDE	Findings:	59.000 MG/L
06/05/1991 FOAMING AGENTS (MBAS)	Findings:	.150 UG/L
06/05/1991 DI(2-ETHYLHEXYL)PHTHALATE	Findings:	4.000 UG/L
06/05/1991 TOTAL DISSOLVED SOLIDS	Findings:	490.000 MG/L
06/05/1991 LANGELIER INDEX @ 60 C	Findings:	1.000
06/05/1991 NITRATE (AS NO3)	Findings:	25.000 MG/L
06/05/1991 TURBIDITY (LAB)	Findings:	.200 NTU
06/05/1991 AGGRSSIVE INDEX (CORROSIVIT	Findings: Y)	12.400

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Sample Collected: Chemical:

08/05/1991 SPECIFIC CONDUCTANCE	Findings:	760.000 UMHO
08/05/1991 PH (LABORATORY)	Findings:	7.600
08/05/1991 TOTAL ALKALINITY (AS CACO3)	Findings:	196.000 MG/L
08/05/1991 BICARBONATE ALKALINITY	Findings:	239.100 MG/L
08/05/1991 TOTAL HARDNESS (AS CACO3)	Findings:	264.000 MG/L
08/05/1991 CALCIUM	Findings:	86.500 MG/L
08/05/1991 MAGNESIUM	Findings:	11.700 MG/L
08/05/1991 SODIUM	Findings:	58.200 MG/L
08/05/1991 POTASSIUM	Findings:	4.900 MG/L
08/05/1991 CHLORIDE	Findings:	56.000 MG/L
08/05/1991 FLUORIDE (TEMPERATURE DEPEI	Findings: NDENT)	.500 MG/L
08/05/1991 BORON	Findings:	.250 UG/L
08/05/1991 TOTAL DISSOLVED SOLIDS	Findings:	437.400 MG/L
08/05/1991 NITRATE (AS NO3)	Findings:	4.100 MG/L
10/10/1991 FLUORIDE (TEMPERATURE DEPEI	Findings: NDENT)	.800 MG/L
10/10/1991 NITRATE (AS NO3)	Findings:	9.000 MG/L
01/08/1992 COLOR	Findings:	3.000 UNITS
01/08/1992 SPECIFIC CONDUCTANCE	Findings:	770.000 UMHO
01/08/1992 PH (LABORATORY)	Findings:	7.000
01/08/1992 Total Alkalinity (AS Caco3)	Findings:	195.000 MG/L
01/08/1992 BICARBONATE ALKALINITY	Findings:	238.000 MG/L
01/08/1992 Total Hardness (AS Caco3)	Findings:	239.000 MG/L
01/08/1992 CALCIUM	Findings:	72.000 MG/L
01/08/1992 CHLORIDE	Findings:	55.000 MG/L
01/08/1992 FLUORIDE (TEMPERATURE DEPE	Findings: NDENT)	.800 MG/L

Sample Collected: Chemical:	01/08/1992 TETRACHLOROETHYLENE	Findings:	1.000 UG/L
Sample Collected: Chemical:	01/08/1992 FOAMING AGENTS (MBAS)	Findings:	.160 UG/L
Sample Collected: Chemical:	01/08/1992 TOTAL DISSOLVED SOLIDS	Findings:	455.000 MG/L
Sample Collected: Chemical:	01/08/1992 LANGELIER INDEX @ 60 C	Findings:	.300
Sample Collected: Chemical:	01/08/1992 TURBIDITY (LAB)	Findings:	.750 NTU
Sample Collected: Chemical:	01/08/1992 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	13.000
Sample Collected: Chemical:	03/10/1992 TETRACHLOROETHYLENE	Findings:	.600 UG/L

3 NE 1/4 - 1/2 Mile Lower

#### FED USGS USGS3135791

Agency cd:	USGS	Site no:	340230117195301
Site name:	001S004W31H002S		
Latitude:	340230		
Longitude:	1171953	Dec lat:	34.0416804
Dec lon:	-117.33226621	Coor meth:	M
Coor accr:	S	Lationg datum:	NAD27
Dec lationg datum:	NAD83	District:	06
State:	06	County:	071
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	904.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Santa Ana. California. Area = 16	80 sq.mi.	
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19100101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector of	r Ranney type	
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	240	Hole depth:	240
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date	Not Reported	Water quality data count:	Not Reported
Ground water data begin da	ate: Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

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Map ID Direction Distance				
Elevation			Database	EDR ID Number
4 ENE 1/2 - 1 Mile Lower			CA WELLS	972
Water System Information Prime Station Code: FRDS Number: District Number: Water Type: Source Lat/Long: Source Name: System Number: System Name: Organization That Op	n: 01S/04W-32M04 S 3610057003 13 Well/Groundwater 340220.0 1171940.0 LINDA VISTA 03 3610057 RIVERSIDE HIGHLAND WATER terates System: 1450 WASHINGTON ST COLTON, CA 92324	User ID: County: Station Type: Well Status: Precision: CO	TAN San Beernardino WELL/AMBNT Active Raw 1,000 Feet (10 Seconds)	
Pop Served: Area Served:	14542 GRAND TERR/HIGHGROVE-RIV	Connections: /ERSIDE	3873	
Sample Information: * Or Sample Collected: Chemical:	Ny Findings Above Detection Level A 03/24/1989 COLOR	Are Listed Findings:	3.000 UNITS	
Sample Collected: Chemical:	03/24/1989 SPECIFIC CONDUCTANCE	Findings:	870.000 UMHO	
Sample Collected: Chemical:	03/24/1989 PH (LABORATORY)	Findings:	7.500	
Sample Collected: Chemical:	03/24/1989 TOTAL ALKALINITY (AS CACO3)	Findings:	208.000 MG/L	
Sample Collected: Chemical:	03/24/1989 BICARBONATE ALKALINITY	Findings:	253.000 MG/L	
Sample Collected: Chemical:	03/24/1989 TOTAL HARDNESS (AS CACO3)	Findings:	310.000 MG/L	
Sample Collected: Chemical:	03/24/1989 CALCIUM	Findings:	94.000 MG/L	
Sample Collected: Chemical:	03/24/1989 MAGNESIUM	Findings:	18.000 MG/L	
Sample Collected: Chemical:	03/24/1989 SODIUM	Findings:	60.000 MG/L	
Sample Collected: Chemical:	03/24/1989 POTASSIUM	Findings:	5.000 MG/L	
Sample Collected: Chemical:	03/24/1989 CHLORIDE	Findings:	49.000 MG/L	
Sample Collected: Chemical:	03/24/1989 FLUORIDE (TEMPERATURE DEPEN	Findings: IDENT)	.500 MG/L	
Sample Collected: Chemical:	03/24/1989 SILICA	Findings:	12.300 MG/L	
Sample Collected: Chemical:	03/24/1989 IRON	Findings:	320.000 UG/L	
Sample Collected: Chemical:	03/24/1989 MANGANESE	Findings:	20.000 UG/L	

Sample Collected: Chemical:

03/24/1989 RADIUM 226 COUNTING ERROR	Findings:	1.000 PCI/L
03/24/1989 FOAMING AGENTS (MBAS)	Findings:	.090 UG/L
03/24/1989 TOTAL DISSOLVED SOLIDS	Findings:	535.000 MG/L
03/24/1989 LANGELIER INDEX @ 60 C	Findings:	.900
03/24/1989 TURBIDITY (LAB)	Findings:	.800 NTU
03/24/1989 TETRACHLOROETHYLENE	Findings:	2.600 UG/L
03/24/1989 TRICHLOROETHYLENE	Findings:	.700 UG/L
06/08/1989 TETRACHLOROETHYLENE	Findings:	1.800 UG/L
07/13/1989 TETRACHLOROETHYLENE	Findings:	1.100 UG/L
06/01/1990 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	4.600 MG/L
08/31/1990 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.600 MG/L
08/31/1990 TURBIDITY (LAB)	Findings:	.100 NTU
08/31/1990 GROSS ALPHA	Findings:	11.000 PCI/L
08/31/1990 GROSS ALPHA COUNTING ERROR	Findings:	3.000 PCI/L
09/05/1990 SPECIFIC CONDUCTANCE	Findings:	780.000 UMHO
09/05/1990 PH (LABORATORY)	Findings:	7.500
09/05/1990 TOTAL ALKALINITY (AS CACO3)	Findings:	195.000 MG/L
09/05/1990 BICARBONATE ALKALINITY	Findings:	238.000 MG/L
09/05/1990 TOTAL HARDNESS (AS CACO3)	Findings:	275.000 MG/L
09/∪5/1990 CALCIUM	Findings:	82.000 MG/L
09/05/1990 MAGNESIUM	Findings:	19.000 MG/L
09/05/1990 SODIUM	Findings:	58.000 MG/L
09/05/1990 POTASSIUM	Findings:	6.000 MG/L
09/05/1990 CHLORIDE	Findings:	54.000 MG/L
09/05/1990 FOAMING AGENTS (MBAS)	Findings:	.060 UG/L

Sample Collected: Chemical:

09/05/1990 TOTAL DISSOLVED SOLIDS	Findings:	510.000 MG/L
09/05/1990 NITRATE (AS NO3)	Findings:	4.000 MG/L
09/05/1990 TURBIDITY (LAB)	Findings:	.100 NTU
12/05/1990 GROSS ALPHA	Findings:	8.000 PCI/L
12/05/1990 GROSS ALPHA COUNTING ERROR	Findings:	2.200 PCI/L
12/05/1990 COLOR	Findings:	3.000 UNITS
12/05/1990 SPECIFIC CONDUCTANCE	Findings:	830.000 UMHO
12/05/1990 PH (LABORATORY)	Findings:	7.600
12/05/1990 TOTAL ALKALINITY (AS CACO3)	Findings:	215.000 MG/L
12/05/1990 BICARBONATE ALKALINITY	Findings:	262.000 MG/L
12/05/1990 TOTAL HARDNESS (AS CACO3)	Findings:	287.000 MG/L
12/05/1990 CALCIUM	Findings:	87.000 MG/L
12/05/1990 MAGNESIUM	Findings:	17.000 MG/L
12/05/1990 SODIUM	Findings:	61.000 MG/L
12/05/1990 POTASSIUM	Findings:	6.000 MG/L
12/05/1990 CHLORIDE	Findings:	53.000 MG/L
12/05/1990 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.600 MG/L
12/05/1990 FOAMING AGENTS (MBAS)	Findings:	.120 UG/L
12/05/1990 TOTAL DISSOLVED SOLIDS	Findings:	495.000 MG/L
12/05/1996 TURBIDITY (LAB)	Findings:	.150 NTU
02/06/1991 RA 226 + RA 228 COUNTING ERROF	Findings: R	.100 PCI/L
03/07/1991 SPECIFIC CONDUCTANCE	Findings:	820.000 UMHO
03/07/1991 PH (LABORATORY)	Findings:	7.800
03/07/1991 TOTAL ALKALINITY (AS CACO3)	Findings:	205.000 MG/L
03/07/1991 BICARBONATE ALKALINITY	Findings:	250.000 MG/L

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Sample Collected: Chemicat:

Sample Collected: Chemical:

03/07/1991 TOTAL HARDNESS (AS CACC	Findings: 03)	281.000 MG/L
03/07/1991 CALCIUM	Findings:	85.000 MG/L
03/07/1991 CHLORIDE	Findings:	57.000 MG/L
03/07/1991 FLUORIDE (TEMPERATURE I	Findings: DEPENDENT)	.600 MG/L
03/07/1991 TOTAL DISSOLVED SOLIDS	Findings:	485.000 MG/L
03/07/1991 LANGELIER INDEX @ 60 C	Findings:	1.200
03/07/1991 TURBIDITY (LAB)	Findings:	.150 NTU
03/07/1991 AGGRSSIVE INDEX (CORROS	Findings: SIVITY)	12.600
03/07/1991 GROSS ALPHA	Findings:	2.000 PCI/L
03/07/1991 GROSS ALPHA COUNTING E	Findings: RROR	3.000 PCI/L
03/07/1991 RADIUM 226 COUNTING ERR	Findings: OR	1.000 PCI/L
06/05/1991 SPECIFIC CONDUCTANCE	Findings:	770.000 UMHO
06/05/1991 PH (LABORATORY)	Findings:	7.500
06/05/1991 TOTAL ALKALINITY (AS CACC	Findings: D3)	200.000 MG/L
06/05/1991 BICARBONATE ALKALINITY	Findings:	244.000 MG/L
06/05/1991 TOTAL HARDNESS (AS CACC	Findings: 03)	270.000 MG/L
06/05/1991 CALCIUM	Findings:	82.000 MG/L
06/05/1991 CHLORIDE	Findings:	53.000 MG/L
06/05/1991 FOAMING AGENTS (MBAS)	Findings:	.120 UG/L
06/05/1991 DI(2-ETHYLHEXYL)PHTHALA	Findings: TE	5.000 UG/L
06/05/1991 TOTAL DISSOLVED SOLIDS	Findings:	475.000 MG/L
06/05/1991 LANGELIER INDEX @ 60 C	Findings:	.800
06/05/1991 NITRATE (AS NO3)	Findings:	4.000 MG/L
06/05/1991 TURBIDITY (LAB)	Findings:	.150 NTU
06/05/1991 AGGRSSIVE INDEX (CORROS	Findings: SIVITY)	12.200

Sample Collected: Chemical:

Sample Collected:

Chemical: Sample Collected:

Chemical:

06/05/1991 GROSS ALPHA	Findings:	8.000 PCI/L
06/05/1991 GROSS ALPHA COUNTING ERROR	Findings:	2.000 PCI/L
07/05/1991 RADIUM 226 COUNTING ERROR	Findings:	1.000 PCI/L
08/05/1991 SPECIFIC CONDUCTANCE	Findings:	770.000 UMHO
08/05/1991 PH (LABORATORY)	Findings:	7.600
08/05/1991 TOTAL ALKALINITY (AS CACO3)	Findings:	198.000 MG/L
08/05/1991 BICARBONATE ALKALINITY	Findings:	241.600 MG/L
08/05/1991 TOTAL HARDNESS (AS CACO3)	Findings:	270.400 MG/L
08/05/1991 CALCIUM	Findings:	83.300 MG/L
08/05/1991 MAGNESIUM	Findings:	15.200 MG/L
08/05/1991 SODIUM	Findings:	57.800 MG/L
08/05/1991 POTASSIUM	Findings:	5.000 MG/L
08/05/1991 CHLORIDE	Findings:	50.100 MG/L
08/05/1991 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.600 MG/L
08/05/1991 BORON	Findings:	.280 UG/L
08/05/1991 TOTAL DISSOLVED SOLIDS	Findings:	432.100 MG/L
08/05/1991 NITRATE (AS NO3)	Findings:	4.200 MG/L
12/05/1991 SPECIFIC CONDUCTANCE	Findings:	720.000 UMHO
12/05/1991 PH (LABORATORY)	Findings:	7.300
12/05/1991 TOTAL ALKALINITY (AS CACO3)	Findings:	198.000 MG/L
12/05/1991 BICARBONATE ALKALINITY	Findings:	241.000 MG/L
12/05/1991 TOTAL HARDNESS (AS CACO3)	Findings:	263.000 MG/L
12/05/1991 CALCIUM	Findings:	80.000 MG/L
12/05/1991 CHLORIDE	Findings:	49.000 MG/L
12/05/1991 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.700 MG/L

Sample Collected: Chemical:

Sample Collected:

Chemical: Sample Collected:

Chemical:

12/05/1991 FOAMING AGENTS (MBAS)	Findings:	.070 UG/L
12/05/1991 TOTAL DISSOLVED SOLIDS	Findings:	475.000 MG/L
12/05/1991 LANGELIER INDEX @ 60 C	Findings:	.600
12/05/1991 TURBIDITY (LAB)	Findings:	.250 NTU
12/05/1991 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.000
03/10/1992 SPECIFIC CONDUCTANCE	Findings:	770.000 UMHO
03/10/1992 PH (LABORATORY)	Findings:	7.700
03/10/1992 TOTAL ALKALINITY (AS CACO3)	Findings:	198.000 MG/L
03/10/1992 BICARBONATE ALKALINITY	Findings:	244.000 MG/L
03/10/1992 TOTAL HARDNESS (AS CACO3)	Findings:	277.000 MG/L
03/10/1992 CALCIUM	Findings:	84.000 MG/L
03/10/1992 CHLORIDE	Findings:	51.000 MG/L
03/10/1992 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	.500 MG/L
03/10/1992 TETRACHLOROETHYLENE	Findings:	1.900 UG/L
03/10/1992 FOAMING AGENTS (MBAS)	Findings:	.090 UG/L
03/10/1992 TRICHLOROETHYLENE	Findings:	.700 UG/L
03/10/1992 TOTAL DISSOLVED SOLIDS	Findings:	485.000 MG/L
03/10/1992 LANGELIER INDEX @ 60 C	Findings:	1.100
03/10/1992 TURBIDITY (LAB)	Findings:	.150 NTŲ
03/10/1992 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.400
04/08/1992 TETRACHLOROETHYLENE	Findings:	2.200 UG/L
04/08/1992 TRICHLOROETHYLENE	Findings:	.800 UG/L
01/12/1993 TETRACHLOROETHYLENE	Findings:	2.300 UG/L
10/11/1994 GROSS ALPHA	Findings:	2.800 PCI/L
10/11/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L

Sample Collected: Chemical:

Sample Collected:

Chemical:

Sample Collected: Chemical:

CALCIUM

06/29/1995 GROSS ALPHA	Findings:	7.000 PCI/L
06/29/1995 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
08/29/1995 SPECIFIC CONDUCTANCE	Findings:	590.000 UMHO
08/29/1995 PH (LABORATORY)	Findings:	7.700
08/29/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	156.000 MG/L
08/29/1995 BICARBONATE ALKALINITY	Findings:	190.300 MG/L
08/29/1995 TOTAL HARDNESS (AS CACO3)	Findings:	200.000 MG/L
08/29/1995 CALCIUM	Findings:	57.000 MG/L
08/29/1995 MAGNESIUM	Findings:	9.700 MG/L
08/29/1995 SODIUM	Findings:	46.000 MG/L
08/29/1995 POTASSIUM	Findings:	4.000 MG/L
08/29/1995 CHLORIDE	Findings:	41.700 MG/L
08/29/1995 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.600 MG/L
08/29/1995 BORON	Findings:	249.000 UG/L
08/29/1995 TOTAL DISSOLVED SOLIDS	Findings:	311.000 MG/L
08/29/1995 NITRATE (AS NO3)	Findings:	6.000 MG/L
10/02/1995 GROSS ALPHA	Findings:	4.300 PCI/L
10/02/1995 GROSS ALPHA COUNTING ERROR	Findings:	.600 PCI/L
11/30/1995 NITRATE (AS NO3)	Findings:	5.800 MG/L
02/24/1997 SPECIFIC CONDUCTANCE	Findings:	660.000 UMHO
02/24/1997 PH (LABORATORY)	Findings:	6.600
02/24/1997 TOTAL ALKALINITY (AS CACO3)	Findings:	152.000 MG/L
02/24/1997 BICARBONATE ALKALINITY	Findings:	185.000 MG/L
02/24/1997 TOTAL HARDNESS (AS CACO3)	Findings:	179.000 MG/L
02/24/1997	Findings:	59.300 MG/L

Sample Collected: Chemical:

NITRATE (AS NO3)

A5 NE 1/2 - 1 Mile Lower

> Agency cd: Site name: Latitude: Longitude: Dec lon: Coor accr: Dec lationg datu State: Country: Location map: Altitude: Altitude accurac Hydrologic: Topographic: Site type: Date inventorie Local standard Type of ground Aquifer Type: Aquifer: Well depth: Source of depth Real time data Daily flow data Peak flow data

02/24/1997 MAGNESIUM	Findings:	9.700 MG/L
02/24/1997 SODIUM	Findings:	49.500 MG/L
02/24/1997 POTASSIUM	Findings:	4.500 MG/L
02/24/1997 CHLORIDE	Findings:	56.800 MG/L
02/24/1997 FLUORIDE (TEMPERATURE DEPEI	Findings: NDENT)	.620 MG/L
02/24/1997 ARSENIC	Findings:	2.900 UG/L
02/24/1997 IRON	Findings:	326.000 UG/L
02/24/1997 TOTAL DISSOLVED SOLIDS	Findings:	346.000 MG/L
02/24/1997 NITRATE (AS NO3)	Findings:	9.600 MG/L
02/24/1997 TURBIDITY (LAB)	Findings:	1.500 NTU
02/24/1997 NITRATE + NITRITE (AS N)	Findings:	2170.000 UG/L
01/02/1998	Findings:	9.050 MG/L

FED USGS USGS3135810

	USGS 001S004W32E003S	Site no:	340235117194701		
	340235				
	1171947	Dec lat:	34.04306925		
	-117.33059949	Coor meth:	M		
	S	Lationg datum:	NAD27		
um:	NAD83	District:	06		
	06	County:	071		
	US	Land net:	Not Reported		
	Not Reported	Map scale:	Not Reported		
	905.00	Altitude method:	M		
cy:	10	Altitude datu n:	NGVD29		
	Santa Ana. California. Area = 1680 sq.mi.				
	Not Reported				
	Ground-water other than Spring	Date construction:	19260101		
d:	Not Reported	Mean greenwich time offset:	PST		
time flag:	Y	-			
water site:	Single well, other than collector or Ranney type				
	Not Reported				
	Not Reported				
	170	Hole depth:	170		
n data:	Not Reported	Project number:	Not Reported		
flag:	Not Reported	Daily flow data begin date:	Not Reported		
end date:	Not Reported	Daily flow data count:	Not Reported		
begin date:	Not Reported	Peak flow data end date:	Not Reported		
-			-		

 Peak flow data count:
 Not Reported

 Water quality data end date:Not Reported

 Ground water data begin date: Not Reported

 Ground water data count:
 Not Reported

Water quality data begin date:Not ReportedWater quality data count:Not ReportedGround water data end date:Not Reported

Ground-water levels, Number of Measurements: 0

A6 NE 1/2 - 1 Mile Lower			FED USGS	USGS3135823
Agency cd:	USGS	Site no:	340238117194601	
Site name:	001S004W32E002S			
Latitude:	340238			
Longitude:	1171946	Dec lat:	34.04390255	
Dec Ion:	-117.33032171	Coor meth:	М	
Coor accr:	S	Lationg datum:	NAD27	
Dec lationg datum:	NAD83	District:	06	
State:	06	County:	071	
Country:	US	Land net:	Not Reported	
Location map:	Not Reported	Map scale:	Not Reported	
Altitude:	903.00	Altitude method:	M	
Altitude accuracy:	10	Altitude datum:	NGVD29	
Hydrologic:	Santa Ana. California. Area = 16	80 sq.mi.		
Topographic:	Not Reported			
Site type:	Ground-water other than Spring	Date construction:	19260101	
Date inventoried:	Not Reported	Mean greenwich time offset:	PST	
Local standard time flag:	Y	-		
Type of ground water site:	Single well, other than collector of	or Ranney type		
Aquifer Type:	Not Reported			
Aquifer:	Not Reported			
Well depth:	191	Hole depth:	194	
Source of depth data:	Not Reported	Project number:	Not Reported	
Reat time data flag:	Not Reported	Daily flow data begin date:	Not Reported	
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported	
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported	
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported	
Water quality data end date	Not Reported	Water quality data count:	Not Reported	
Ground water data begin da	ate: Not Reported	Ground water data end date:	Not Reported	
Ground water data count:	Not Reported			

Ground-water levels, Number of Measurements: 0

B7 NE 1/2 - 1 Mile Lower			FÉD USGS	USGS3135834
Agency cd:	USGS	Site no:	340240117194701	
Site name:	001S004W32E001S			
Latitude:	340240			
Longitude:	1171947	Dec lat:	34.04445809	
Dec lon:	-117.3305995	Coor meth:	м	
Coor accr:	S	Lationg datum:	NAD27	
Dec lationg datum:	NAD83	District:	06	
State:	06	County:	071	
Country:	US	Land net:	Not Reported	
Location map:	Not Reported	Map scale:	Not Reported	

Altitude:	902.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Santa Ana. California. Area = 16	80 sq.mi.	
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19240101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector o	r Ranney type	
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	191	Hole depth:	194
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date	Not Reported	Water quality data count:	Not Reported
Ground water data begin da	ate: Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

B8 NE 1/2 - 1 Mile Lower

FED USGS USGS3290372

Agency cd:	USGS	Sile no:	340239117194501
Site name:	001S004W32E012S		
Latitude:	340239		
Longitude:	1171945	Dec lat:	34.04418032
Dec Ion:	-117.33004393	Coor meth:	M
Coor accr:	S	Lationg datum:	NAD27
Dec lationg datum:	NAD83	District:	06
State:	06	County:	071
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	903.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Santa Ana. California. Area = 16	80 sq.mi.	
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19620101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector of	r Ranney type	
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Weil depth:	190	Hole depth:	200
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date	Not Reported	Water quality data count:	Not Reported
Ground water data begin da	ate: Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction				
Distance Elevation			Database	EDR ID Number
C9 ENE 1/2 - 1 Mile Lower			FED USGS	USGS3135796
Agency cd:	USGS	Site no:	340232117193801	
Site name:	001S004W32E010S			
Latitude:	340232			
Longitude:	1171938	Dec lat:	34.04223597	
Dec Ion:	-117.3280994	Coor meth:	M	
Coor accr:	S	Lationg datum:	NAD27	
Dec lationg datum:	NAD83	District:	06	
State:	06	County:	071	
Country:	US	Land net:	Not Reported	
Location map:	Not Reported	Map scale:	Not Reported	
Altitude:	906.00	Altitude method:	M	
Altitude accuracy:	10	Altitude datum:	NGVD29	
Hydrologic:	Santa Ana, California, Area = 16/	30 sa mi		
Topographic:	Not Reported	50 54.m.		
Site type:	Ground-water other than Spring	Date construction:	19540101	
Date inventoried:	Not Reported	Mean greenwich time offset:	PST	
Local standard time flag:	v	mean greenwich time unset.	rui	
Tupo of ground unter site:	Sincle well, other than collector of	r Panney hma		
Aquifes Turnel	Single weil, other man collector c	i Ramey type		
Aquiler Type.	Not Reported			
	Not Reported		242	
	242	Picie depin:	Z4Z	
Source of depth data:		Project number:	Not Reported	
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported	
Daily flow data end date:	Not Reported	Daily now data count:	Not Reported	
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported	
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported	
Water quality data end date	Not Reported	Water quality data count:	Not Reported	
Ground water data begin da	ate: Not Reported	Ground water data end date:	Not Reported	
Ground water data count:	Not Reported			
Ground-water levels, Numb	per of Measurements: 0			
C10 NE			FED USGS	USGS3135804
1/2 • 1 Mile Lower				
201101				
Agency cd:	USGS	Site no:	340234117193901	
Site name:	001S004W32E008S			
Latitude:	340234			
Longitude:	1171939	Dec lat:	34./ 427915	
Dec Ion:	-117.32837719	Coor meth:	M	
Coor accr:	S	Lationg datum:	NAD27	
Dec lationg datum:	NAD83	District:	06	
State:	06	County:	071	
Country:	US	Land net:	Not Reported	
Location map:	Not Reported	Map scale:	Not Reported	
Allitude:	908.00	Altitude method	M	
Allitude accuracy:	10	Altitude datum	NGVD29	
Hydrologic:	Santa Ana California Area = 16	80 sa.mi		
Topographic	Not Reported	~~ ~~		
Site type:	Ground-water other than Spring	Date construction	19420101	
Date inventoried	Not Reported	Mean greenwich time offset	PST	
		mean greenmen unie onset.	· • •	

Local standard time flag: Y Type of ground water site: Aquifer Type: Not Reported Aquifer: Not Reported Well depth: 388 Source of depth data: Not Reported Real time data flao: Not Reported Daily flow data end date: Not Reported Peak flow data begin date: Not Reported Peak flow data count: Not Reported Water quality data end date:Not Reported Ground water data begin date: Not Reported Ground water data count: Not Reported

Single well, other than collector or Ranney type Not Reported Not Reported

Hole depth:388Project number:Not ReportedDaily flow data begin date:Not ReportedDaily flow data count:Not ReportedPeak flow data end date:Not ReportedWater quality data begin date:Not ReportedWater quality data count:Not ReportedWater quality data count:Not ReportedGround water data end date:Not Reported

Ground-water levels, Number of Measurements: 0

NE FED USGS USGS3135818 1/2 - 1 Mile Lower Agency cd: USGS Site no: 340237117194101 001S004W32E005S Site name: Latitude: 340237 Longitude: 1171941 Dec lat: 34.0436248 Coor meth: Dec lon: -117.32893277 М Coor accr: S Latlong datum: NAD27 Dec lationg datum: NAD83 District: 06 County: 071 State: 06 Country: US Land net: Not Reported Location map: Not Reported Not Reported Map scale: Altitude: 905.00 Altitude method: М NGVD29 Altitude datum: Altitude accuracy: 10 Hydrologic: Santa Ana. California. Area = 1680 sq.mi. Not Reported **Topographic:** Site type: Ground-water other than Spring Date construction: 19240101 Mean greenwich time offset: Date inventoried: PST Not Reported Local standard time flag: Type of ground water site: Single well, other than collector or Ranney type Aquifer Type: Not Reported Aquifer: Not Reported Well depth: 186 Hole depth: 191 Source of depth data: Project number: Not Reported Not Reported Daily flow data begin date: Not Reported Real time data flag: Not Reported Daily flow data count: Not Reported Daily flow data end date: Not Reported Peak flow data begin date: Not Reported Peak flow data end date: Not Reported Peak flow data count: Not Reported Water quality data begin date: Not Reported Water quality data count: Not Report ed Water quality data end date:Not Reported Ground water data end date: Not Reported Ground water data begin date: Not Reported Ground water data count: Not Reported

Ground-water levels, Number of Measurements: 0



FED USGS USGS3135803

Agency cd: USGS 001S0 Site name: Latitude: 34023 Longitude: 11719 Dec lon: -117.3 Coor accr: s Dec lationg datum: NAD8 State: 06 UŞ Country: Location map: Not Re Altitude: 912.00 Altitude accuracy: 10 Hydrologic: Santa **Topographic:** Not Re Site type: Ground Date inventoried: Not Re Local standard time flag: Y Type of ground water site: Single Aquifer Type: Not Re Aquifer: Not Re Well depth: 312 Source of depth data: Not Re Real time data flag: Not Re Daily flow data end date: Not Re Peak flow data begin date: Not Re Peak flow data count: Not Re Water quality data end date:Not Re Ground water data begin date: Not Ground water data count: Not Reported

	Site no:	340234117193601
04W32E009S		
4		
36	Dec lat:	34.04279151
2754383	Coor meth:	M
	Lationg datum:	NAD27
3	District:	06
	County:	071
	Land net:	Not Reported
eported	Map scale:	Not Reported
)	Altitude method:	M
	Altitude datum:	NGVD29
Ana. California. Area = 16	80 sq.mi.	
eported		
d-water other than Spring	Date construction:	19540101
eported	Mean greenwich time offset:	PST
well, other than collector of	or Ranney type	
eported		
eported		
	Hole depth:	346
eported	Project number:	Not Reported
ported	Daily flow data begin date:	Not Reported
ported	Daily flow data count:	Not Reported
eported	Peak flow data end date:	Not Reported
eported	Water quality data begin date:	Not Reported
eported	Water quality data count:	Not Reported
Reported	Ground water data end date:	Not Reported
- Andread		-

Ground-water levels, Number of Measurements: 0

13 NW 1/2 - 1 Mile Lower			FED USGS	USGS3135835
Agency cd:	USGS	Site no:	340240117204601	
Site name:	001S004W31D002S			
Latitude:	340240			
Longitude:	1172046	Dec lat:	34.04445795	
Dec Ion:	-117.34698897	Coor meth:	М	
Coor accr:	S	Lationg datum:	NAD27	
Dec lationg datum:	NAD83	District:	06	
State:	06	County:	071	
Country:	US	Land net:	Not Reported	
Location map:	SAN BERNARDINO SOUTH	Map scale:	24000	
Altitude:	Not Reported	Altitude method:	Not Reported	
Altitude accuracy:	Not Reported	Altitude datum:	Not Reported	
Hydrologic:	Santa Ana. California. Area = 16	80 sq.mi.		
Topographic:	Not Reported			
Site type:	Ground-water other than Spring	Date construction:	Not Reported	
Date inventoried:	Not Reported	Mean greenwich time offset:	PST	
Local standard time flag:	Y			
Type of ground water site:	Single well, other than collector of	or Ranney type		
Aquifer Type:	Not Reported			
Aquifer:	Not Reported			
Well depth:	Not Reported	Hole depth:	Not Reported	
Source of depth data:	Not Reported	Project number:	9479335800	
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported	
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported	
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported	

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

Ground-water levels, Number of Measurements: 0

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

D14 ENE 1/2 - 1 Mile Lower			FED USGS	USGS3135809
Agency cd:	USGS	Site no:	340235117193401	
Site name:	001S004W32E007S			
Latitude:	340235			
Longitude:	-1171934	Dec lat:	34.04306928	
Dec lon:	-117.32698826	Coor meth:	M	
Coor accr:	S	Latlong datum:	NAD27	
Dec lationg datum:	NAD83	District:	06	
State:	06	County:	071	
Country:	US	Land net:	Not Reported	
Location map:	Not Reported	Map scale:	Not Reported	
Altitude:	906.00	Altitude method:	L	
Altitude accuracy:	.1	Altitude datum:	NGVD29	
Hydrologic:	Santa Ana. California. Area = 16	80 sq.mi.		
Topographic:	Not Reported			
Site type:	Ground-water other than Spring	Date construction:	19290101	
Date inventoried:	Not Reported	Mean greenwich time offset:	PST	
Local standard time flag:	Y			
Type of ground water site:	Single well, other than collector of	or Ranney type		
Aquifer Type:	Not Reported			
Aquifer:	Not Reported			
Well depth:	307	Hole depth:	363	
Source of depth data:	Not Reported	Project number:	Not Reported	
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported	
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported	
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported	
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported	
Water quality data end date	e:Not Reported	Water quality data count:	Not Reported	
Ground water data begin d	ate: Not Reported	Ground water data end date:	Not Reported	
Ground water data count:	Not Reported			

Ground-water levels, Number of Measurements: 0

015 ENE I/2 - 1 Mile Lower			FED USGS	USGS3135814
Agency cd:	USGS	Site no:	340236117193401	
Site name:	001S004W32E006S			
Latitude:	340236			
Longitude:	1171934	Dec lat:	34.04334705	
Dec lon:	-117.32698826	Coor meth:	м	
Coor accr:	S	Lationg datum:	NAD27	
Dec lationg datum:	NAD83	District:	06	
State:	06	County:	071	
Country:	US	Land net:	Not Reported	
Location map:	Not Reported	Map scale:	Not Reported	

Altitude: Altitude accuracy: Hydrologic:	910.00 10 Santa Ana. California. Area = 16	Altitude method: Altitude datum: 80 sq.mi.		M NGVD29	
Topographic: Site type: Date inventoried: Local standard time flat	Not Reported Ground-water other than Spring Not Reported	Date construction: Mean greenwich time	e offset:	19200101 PST	
Type of ground water s Aquifer Type: Aquifer:	ite: Single well, other than collector of Not Reported Not Reported	or Ranney type			
Well depth:	209	Hole depth:		209	
Source of depth data:	Not Reported	Project number:		Not Reported	
Real time data flag:	Not Reported	Daily flow data begin	n date:	Not Reported	
Daily flow data end date	e: Not Reported	Daily flow data count	t:	Not Reported	
Peak flow data begin d	ate: Not Reported	Peak flow data end o	date:	Not Reported	
Peak flow data count:	Not Reported	Water quality data be	egin date:	Not Reported	
Water quality data end	date:Not Reported	Water quality data co	ount:	Not Reported	
Ground water data beg	in date: Not Reported	Ground water data e	nd date:	Not Reported	
Ground water data cou	nt: Not Reported				
Ground-water levels, N	umber of Measurements: 0				
E16 ENE 1/2 - 1 Mile Lower				CA WELLS	970
Water System Informatio	an:				
Prime Station Code:	015/04W-32M00 S	User ID <sup>,</sup>	TAN		
FRDS Number:	3610057002	County:	San B	eernardino	
District Number:	13	Station Type:	WELL	JAMBNT	
Water Type:	Well/Groundwater	Well Status:	Inactiv	ve Raw	
Source Lat/Long:	340230.0 1171930.0	Precision:	1,000	Feet (10 Seconds)	
Source Name:	LINDA VISTA 02 - INACTIVE				
System Number:	3610057				
System Name:	RIVERSIDE HIGHLAND WATER (	0			
Organization That Ope	rates System:				
	1450 WASHINGTON ST				
	COLTON, CA 92324	_			
Pop Served:	14542	Connections:	3873		
Area Served:	GRAND TERR/HIGHGROVE-RIVE	ERSIDE			<b></b>
E17					
ENE 1/2 - 1 Mile Lower				CA WELLS	3075
Water System Informati	on:				
Prime Station Code:	033/031-002	User ID:	WAT		
FRDS Number:	3310031046	County:	Rivers	side	
District Number:	14	Station Type:	WELL	./AMBNT/MUN/INTA	KE
Water Type:	Well/Groundwater	Well Status:	Distril	bution System Sampl	le Point Raw
Source Lat/Long:	340227.2 1171927.4	Precision:	10 Fe	et (1/10 Second)	
Source Name:	GRAND TERRACE BSTR - DISTR	RIBUTION			

£ 3

	System Number: System Name: Organization That Op	3310031 Riverside, City of erates System: 3900 MAIN STREET		
	Pop Served: Area Served:	RIVERSIDE, CA 92522 245000 RIVERSIDE	Connections:	58586
Sa	ample Information: * On Sample Collected: Chemical:	ly Findings Above Detection Level A 11/05/1987 GROSS ALPHA COUNTING ERROR	re Listed Findings:	2.000 PCI/L
	Sample Collected: Chemical:	11/05/1987 GROSS BETA COUNTING ERROR	Findings:	2.000 PCI/L
	Sample Collected: Chemical:	11/05/1987 URANIUM	Findings:	5.000 PCI/L
	Sample Collected: Chemical:	07/29/1992 GROSS ALPHA	Findings:	4.400 PCI/L
	Sample Collected: Chemical:	07/29/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.800 PCI/L
	Sample Collected: Chemical:	07/29/1992 URANIUM	Findings:	6.000 PCI/L
	Sample Collected: Chemical:	07/31/1992 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.100 UG/L
	Sample Collected: Chemical:	10/07/1992 GROSS ALPHA	Findings:	4.000 PCI/L
	Sample Collected: Chemical:	10/07/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.700 PCI/L
	Sample Collected: Chemical:	10/07/1992 URANIUM	Findings:	5.000 PCI/L
	Sample Collected: Chemical:	02/18/1993 GROSS ALPHA	Findings:	1.400 PCI/L
	Sample Collected: Chemical:	02/18/1993 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
	Sample Collected: Chemical:	02/18/1993 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.030 UG/L
	Sample Collected: Chemical:	04/20/1993 GROSS ALPHA	Findings:	1.300 PCI/L
	Sample Collected: Chemical:	04/20/1993 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
	Sample Collected: Chemical:	07/02/1993 SPECIFIC CONDUCTANCE	Findings:	470.000 UMHO
	Sample Collected: Chemical:	07/02/1993 PH (LABORATORY)	Findings:	7.800
	Sample Collected: Chemical:	07/02/1993 TOTAL ALKALINITY (AS CACO3)	Findings:	130.000 MG/L
	Sample Collected: Chemical:	07/02/1993 BICARBONATE ALKALINITY	Findings:	159.000 MG/L
	Sample Collected: Chemical:	07/02/1993 TOTAL HARDNESS (AS CACO3)	Findings:	139.000 MG/L
	Sample Collected: Chemical:	07/02/1993 CALCIUM	Findings;	47.000 MG/L

Sample Collected: Chemical: Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

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Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

07/02/1993 MAGNESIUM	Findings:	5.000 MG/L
07/02/1993 SODIUM	Findings:	39.000 MG/L
07/02/1993 POTASSIUM	Findings:	2.000 MG/L
07/02/1993 CHLORIDE	Findings:	20.000 MG/L
07/02/1993 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.800 MG/L
07/02/1993 ARSENIC	Findings:	5.000 UG/L
07/02/1993 BORON	Findings:	200.000 UG/L
07/02/1993 TOTAL DISSOLVED SOLIDS	Findings:	285.000 MG/L
07/02/1993 NITRATE (AS NO3)	Findings:	11.000 MG/L
07/02/1993 TURBIDITY (LAB)	Findings:	.100 NTU
07/27/1993 SPECIFIC CONDUCTANCE	Findings:	460.000 UMHC
07/27/1993 PH (LABORATORY)	Findings:	7.900
07/27/1993 TOTAL ALKALINITY (AS CACO3)	Findings:	130.000 MG/L
07/27/1993 BICARBONATE ALKALINITY	Findings:	159.000 MG/L
07/27/1993 NITRATE NITROGEN (NO3-N)	Findings:	2300.000 UG/L
07/27/1993 TOTAL HARDNESS (AS CACO3)	Findings:	155.000 MG/L
07/27/1993 CALCIUM	Findings:	52.000 MG/L
07/27/1993 MAGNESIUM	Findings:	6.000 MG/L
07/27/1993 SODIUM	Findings:	38.000 MG/L
07/27/1993 POTASSIUM	Findings:	2.000 MG/L
07/27/1993 CHLORIDE	Findings:	21.000 MG/L
07/27/1993 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.900 MG/L
07/27/1993 ARSENIC	Findings:	8.000 UG/L
07/27/1993 BORON	Findings:	200.000 UG/L
07/27/1993 TOTAL DISSOLVED SOLIDS	Findings:	295.000 MG/L

Sample Collected: Chemical:

07/27/1993 NITRATE (AS NO3)	Findings:	10.000 MG/L
07/27/1993 TURBIDITY (LAB)	Findings:	.100 NTU
10/01/1993 GROSS ALPHA	Findings:	3.600 PCI/L
10/01/1993 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
10/01/1993 URANIUM	Findings:	4.000 PCI/L
10/01/1993 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.020 UG/L
07/25/1994 URANIUM	Findings:	5.510 PCI/L
07/25/1994 URANIUM COUNTING ERROR	Findings:	.250 PCI/L
09/13/1994 CALCIUM	Findings:	46.100 MG/L
09/16/1994 CALCIUM	Findings:	46.100 MG/L
10/11/1994 GROSS ALPHA	Findings:	1.330 PCI/L
10/11/1994 GROSS ALPHA COUNTING ERROR	Findings:	4.530 PCI/L
12/12/1994 PH (LABORATORY)	Findings:	7.800
12/12/1994 TOTAL ALKALINITY (AS CACO3)	Findings:	132.000 MG/L
12/12/1994 TOTAL HARDNESS (AS CACO3)	Findings:	162.000 MG/L
12/12/1994 CALCIUM	Findings:	51.000 MG/L
12/12/1994 TOTAL DISSOLVED SOLIDS	Findings:	275.000 MG/L
12/12/1994 LANGELIER INDEX @ 60 C	Findings:	.890
12/12/1994 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	.190
12/12/1994 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.130
02/27/1995 GROSS ALPHA	Findings:	4.440 PCI/L
02/27/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.670 PCI/L
02/27/1995 TRICHLOROETHYLENE	Findings:	.600 UG/L
03/15/1995 PH (LABORATORY)	Findings:	7.700
03/15/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	142.000 MG/L

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Sample Collected: Chemical:

03/15/1995 TOTAL HARDNESS (AS CACO3)	Findings:	222.000 MG/L
03/15/1995 CALCIUM	Findings	78.000 MG/L
03/15/1995 TOTAL DISSOLVED SOLIDS	Findings:	373.000 MG/L
03/15/1995 LANGELIER INDEX @ 60 C	Findings:	.940
03/15/1995 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.240
03/15/1995 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.200
06/06/1995 NITRATE (AS NO3)	Findings:	10.000 MG/L
06/06/1995 GROSS ALPHA	Findings:	5.330 PCI/L
06/06/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.930 PCI/L
06/06/1995 URANIUM	Findings:	5.340 PCI/L
06/06/1995 URANIUM COUNTING ERROR	Findings:	1.090 PCI/L
06/13/1995 NITRATE (AS NO3)	Findings:	13.000 MG/L
06/13/1995 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.014 UG/L
07/10/1995 PH (LABORATORY)	Findings:	7.700
07/10/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	132.000 MG/L
07/10/1995 TOTAL HARDNESS (AS CACO3)	Findings:	138.000 MG/L
07/10/1995 TOTAL DISSOLVED SOLIDS	Findings:	309.000 MG/L
07/10/1995 LANGELIER INDEX @ 60 C	Findings:	.660
07/10/1995 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	040
07/10/1995 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	11.910
07/11/1995 SPECIFIC CONDUCTANCE	Findings:	450.000 UMHO
07/11/1995 PH (LABORATORY)	Findings:	7.800
07/11/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	130.000 MG/L
07/11/1995 BICARBONATE ALKALINITY	Findings:	130.000 MG/L
07/11/1995 TOTAL HARDNESS (AS CACO3)	rindings:	64.000 MG/L

Sample Collected: Chemical:

	07/11/1995 CALCIUM	Findings:	43.000 MG/L
	07/11/1995 MAGNESIUM	Findings:	5.100 MG/L
	07/11/1995 SODIUM	Findings:	42.000 MG/L
	07/11/1995 POTASSIUM	Findings:	3.200 MG/L
	07/11/1995 CHLORIDE	Findings:	21.000 MG/L
	07/11/1995 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	1.200 MG/L
	07/11/1995 TOTAL DISSOLVED SOLIDS	Findings:	310.000 MG/L
	07/11/1995 NITRATE (AS NO3)	Findings:	11.000 MG/L
	09/05/1995 PH (LABORATORY)	Findings:	7.800
	09/05/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	137.000 MG/L
	09/05/1995 TOTAL HARDNESS (AS CACO3)	Findings:	153.000 MG/L
	09/05/1995 CALCIUM	Findings:	50.200 MG/L
	09/05/1995 TOTAL DISSOLVED SOLIDS	Findings:	282.000 MG/L
	09/05/1995 LANGELIER INDEX @ 60 C	Findings:	.880
	09/05/1995 LANGELIER INDEX @ SOURCE TEM	Findings: 1P.	.270
	09/05/1995 AGGRSSIVE INDEX (CORROSIVITY)	Findings: )	12.120
	10/03/1995 NITRATE (AS NO3)	Findings:	10.000 MG/L
	10/03/1995 GROSS ALPHA	Findings:	3.300 PCI/L
	10/03/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.790 PCI/L
	12/09/1995 PH (LABORATORY)	Findings:	7.800
	12/09/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	123.000 MG/L
	12/09/1995 TOTAL HARDNESS (AS CACO3)	Findings:	128.000 MG/L
	12/09/1995 TOTAL DISSOLVED SOLIDS	Findings:	259.000 MG/L
:	12/09/1995 LANGELIER INDEX @ 60 C	Findings:	.740
	12/09/1995 AGGRSSIVE INDEX (CORROSIVITY	Findings: )	11.980

Sample Collected: Chemical:

01/09/1996 GROSS ALPHA	Findings:	5.410 PCI/L
01/09/1996 GROSS ALPHA COUNTING ERROR	Findings:	2.380 PCI/L
01/09/1996 RA 226 + RA 228	Findings:	.360 PCI/L
01/09/1996 RA 226 + RA 228 COUNTING ERROF	Findings:	.350 PCI/L
01/09/1996 URANIUM	Findings:	3.350 PCI/L
01/09/1996 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.013 UG/L
01/09/1996 URANIUM COUNTING ERROR	Findings:	.960 PCI/L
03/09/1996 PH (LABORATORY)	Findings:	7.700
03/09/1996 TOTAL ALKALINITY (AS CACO3)	Findings:	141.000 MG/L
03/09/1996 TOTAL HARDNESS (AS CACO3)	Findings:	168.000 MG/L
03/09/1996 CALCIUM	Findings:	59.400 MG/L
03/09/1996 MAGNESIUM	Findings:	8.160 MG/L
03/09/1996 TOTAL DISSOLVED SOLIDS	Findings:	300.000 MG/L
03/09/1996 LANGELIER INDEX @ 60 C	Findings:	.830
03/09/1996 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	.150
03/09/1996 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.070
04/02/1996 NITRATE (AS NO3)	Findings:	13.000 MG/L
04/18/1996 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.021 UG/L
04/18/1996 TRICHLOROETHYLENE	Findings:	.700 UG/L
06/11/1996 PH (LABORATORY)	Findings:	7.600
06/11/1996 TOTAL ALKALINITY (AS CACO3)	Findings:	136.000 MG/L
06/11/1996 TOTAL HARDNESS (AS CACO3)	Findings:	155.000 MG/L
06/11/1996 CALCIUM	Findings:	57.400 MG/L
06/11/1996 TOTAL DISSOLVED SOLIDS	Findings:	303.000 MG/L
06/11/1996 LANGELIER INDEX @ 60 C	Findings:	.690

Sample Collected: Chemical:

06/11/1996 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.070
06/11/1996 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	11.900
09/10/1996 ARSENIC	Findings:	13.200 UG/L
09/16/1996 SOURCE TEMPERATURE C	Findings:	26.000 C
09/16/1996 SPECIFIC CONDUCTANCE	Findings:	470.000 UMHO
09/16/1996 PH (LABORATORY)	Findings:	7.900
09/16/1996 TOTAL ALKALINITY (AS CACO3)	Findings:	140.000 MG/L
09/16/1996 BICARBONATE ALKALINITY	Findings:	170.000 MG/L
09/16/1996 TOTAL HARDNESS (AS CACO3)	Findings:	150.000 MG/L
09/16/1996 CALCIUM	Findings:	51.000 MG/L
09/16/1996 MAGNESIUM	Findings:	6.000 MG/L
09/16/1996 TOTAL DISSOLVED SOLIDS	Findings:	310.000 MG/L
09/16/1996 LANGELIER INDEX @ SOURCE TEM!	Findings: P.	.300
09/16/1996 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.200
10/08/1996 NITRATE (AS NO3)	Findings:	11.500 MG/L
10/08/1996 TURBIDITY (LAB)	Findings:	.200 NTU
10/08/1996 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.030 UG/L
10/08/1996 TRICHLOROETHYLENE	Findings:	.600 UG/L
01/24/1997 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.050 UG/L
01/24/1997 GROSS ALPHA	Findings:	2.000 PCI/L
01/24/1997 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
01/24/1997 URANIUM	Findings:	3.000 PCI/L
01/24/1997 URANIUM COUNTING ERROR	Findings:	1.000 PCI/L
02/11/1997 DIBROMOCHLOROPROPANE (DBCP	Findings: ?}	.040 UG/L
02/11/1997 TRICHLOROETHYLENE	Findings:	.600 UG/L

Sample Collected: Chemical:

02/11/1997 GROSS ALPHA	Findings:	5.000 PCI/L
02/11/1997 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
02/11/1997 URANIUM	Findings:	4.000 PCI/L
02/11/1997 URANIUM COUNTING ERROR	Findings:	1.000 PCI/L
04/08/1997 ARSENIC	Findings:	11.300 UG/L
04/14/1997 TOTAL RADON 222 COUNTING ERR	Findings: OR	20.000 PCI/L
04/14/1997 TOTAL RADON 222	Findings:	290.000 PCI/L
06/24/1997 DIBROMOCHLOROPROPANE (DBCF	Findings: P)	.030 UG/L
06/24/1997 TRICHLOROETHYLENE	Findings:	.900 UG/L
06/24/1997 GROSS ALPHA	Findings:	5.000 PCI/L
06/24/1997 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
06/24/1997 URANIUM	Findings:	5.000 PCI/L
06/24/1997 URANIUM COUNTING ERROR	Findings:	2.000 PCI/L
07/30/1997 SPECIFIC CONDUCTANCE	Findings:	505.000 UMHO
07/30/1997 PH (LABORATORY)	Findings:	8.040
07/30/1997 TOTAL ALKALINITY (AS CACO3)	Findings:	138.000 MG/L
07/30/1997 BICARBONATE ALKALINITY	Findings:	169.000 MG/L
07/30/1997 TOTAL HARDNESS (AS CACO3)	Findings:	168.000 MG/L
07/30/1997 CALCIUM	Findings:	56.600 MG/L
07/30/1997 MAGNESIUM	Findings:	6.200 MG/L
07/30/1997 SODIUM	Findings:	44.000 MG/L
07/30/1997 POTASSIUM	Findings:	2.300 MG/L
07/30/1997 CHLORIDE	Findings:	20.900 MG/L
07/30/1997 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.728 MG/L
07/30/1997 ARSENIC	Findings:	7.500 UG/L

Findings:

Findings:

Findings:

Findings:

Findings:

144.000 UG/L

309.000 MG/L

13.100 MG/L

2960.000 UG/L

.100 NTU

Sample Collected: Chemical:

07/30/1997

07/30/1997

07/30/1997

07/30/1997

07/30/1997

NITRATE (AS NO3)

TURBIDITY (LAB)

TOTAL DISSOLVED SOLIDS

BORON

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected:

Sample Collected:

Chemical:

Chemical:

Chemical:

Sample Collected:

Sample Collected:

Sample Collected:

Sample Collected:

Chemical:

Chemical:

Chemical:

Sample Collected: Chemical:

Chemical:

Chemical:

Sample Collected:

Sample Collected:

Sample Collected:

Chemical:

Chemical:

Chemical:

Sample Collected:

Sample Collected:

18 NNE

1/2 - 1 Mile Lower

Agency cd:

Site name: Latitude: Longitude: Dec lon: Coor accr: Dec lationg datum: State: Country: Location map: Altitude: Altitude accuracy: Hydrologic:

Topographic:

Date inventoried:

Site type:

NITRATE + NITRITE (AS N) 07/30/1997 Findings: .020 UG/L **DIBROMOCHLOROPROPANE (DBCP)** 07/30/1997 Findings: 2.000 PCI/L **GROSS ALPHA** 07/30/1997 1.000 PCI/L Findings: GROSS ALPHA COUNTING ERROR 07/30/1997 **Findings:** 3.000 PCI/L URANIUM 07/30/1997 Findings: 1.000 PCI/L URANIUM COUNTING ERROR 09/10/1997 Findings: 20.000 PCI/L TOTAL RADON 222 COUNTING ERROR 09/10/1997 Findings: 520.000 PCI/L **TOTAL RADON 222** 10/10/1997 Findings: 3.000 PCI/L **GROSS ALPHA** 10/10/1997 Findings: 1.000 PCI/L GROSS ALPHA COUNTING ERROR 10/10/1997 Findings: 1.000 PCI/L URANIUM COUNTING ERROR 01/27/1998 Findings: .040 UG/L **DIBROMOCHLOROPROPANE (DBCP)** 

> FED USGS USGS3135869

USGS Site no: 340250117195001 001S004W31A00AS 340250 1171950 Dec lat: 34.04723576 -117.33143289 Coor meth: м Lationg datum: NAD27 S NAD83 District: 06 071 06 County: Land net: Not Reported US Not Reported Map scale: Not Reported 903.00 Altitude method: м NGVD29 Altitude datum: 10 Santa Ana. California. Area = 1680 sq.mi. Not Reported Ground-water other than Spring Date construction: 19410101 Mean greenwich time offset: PST Not Reported

Local standard time flag: Y Type of ground water site: Aquifer Type: Not Reported Aquifer: Not Reported Well depth: 69.0 Not Reported Source of depth data: Real time data flag: Not Reported Daily flow data end date: Not Reported Peak flow data begin date: Not Reported Peak flow data count: Not Reported Water quality data end date:Not Reported Ground water data begin date: Not Reported Ground water data count: Not Reported

Single well, other than collector or Ranney type

Hole depth: 81.0 Project number: Not Reported Daily flow data begin date: Not Reported Daily flow data count: Not Reported Peak flow data end date: Not Reported Water quality data begin date: Not Reported Water quality data count: Not Reported Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

### 19 North 1/2 - 1 Mile

Lower

Agency cd: USGS Site no: 340256117201901 001S004W31B001S Site name: 340256 Latitude: 34.0489023 Longitude: 1172019 Dec lat: Dec lon: -117.33948874 Coor meth: М NAD27 Coor accr: S Lationg datum: Dec lationg datum: NAD83 District: 06 State: 06 County: 071 US Land net: Not Reported Country: Location map: Not Reported Map scale: Not Reported Altitude: Altitude method: 886.00 М Altitude datum: NGVD29 Altitude accuracy: Not Reported Santa Ana. California. Area = 1680 sq.mi. Hydrologic: Topographic: Not Reported 19120101 Site type: Ground-water other than Spring Date construction: Date inventoried: Mean greenwich time offset: PST Not Reported Local standard time flag: Single well, other than collector or Ranney type Type of ground water site: Aquifer Type: Not Reported Aquifer: Not Reported Well depth: 298 Hole depth: 298 Source of depth data: Not Reported Project number: Not Reported Real time data flag: Not Reported Daily flow data begin date: Not Reported Daily flow data end date: Not Reported Daily flow data count: Not Reported Peak flow data end date: Peak flow data begin date: Not Reported Not Reported Peak flow data count: Not Reported Water quality data begin date: Not Reported Water quality data count: Water quality data end date:Not Reported Not Reported Ground water data begin date: Not Reported Ground water data end date: Not Reported Ground water data count: Not Reported

Ground-water levels, Number of Measurements: 0



FED USGS USGS3135887

USGS3135663

FED USGS

Agency cd: Site name: 340254 Latitude: Longitude: 1171956 Dec lon: Coor accr: S NAD83 Dec latlong datum: 06 State: Country: US Location map: 902.00 Altitude: Altitude accuracy: 10 Hydrologic: Topographic: Site type: Date inventoried: Local standard time flag: Type of ground water site: Aquifer Type: Aquifer: Weli depth: 130 Source of depth data: Real time data flag: Daily flow data end date: Peak flow data begin date: Not Reported Peak flow data count: Water quality data end date:Not Reported Ground water data begin date: Not Reported Ground water data count: Not Reported

USGS Site no: 340254117195601 001S004W31A002S Dec lat: 34.04834682 -117.33309962 Coor meth: м Lationg datum: NAD27 District: 06 County: 071 Land net: Not Reported Not Reported Map scale: Not Reported Altitude method: M Altitude datum: NGVD29 Santa Ana. California. Area = 1680 sq.mi. Not Reported Ground-water other than Spring Date construction: 19550101 Mean greenwich time offset: Not Reported PST Single well, other than collector or Ranney type Not Reported Not Reported Hole depth: 130 Not Reported Project number: Not Reported Daily flow data begin date: Not Reported Not Reported Not Reported Daily flow data count: Not Reported Peak flow data end date: Not Reported Not Reported Water quality data begin date: Not Reported Not Reported Water quality data count: Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

21 ESE I/2 - 1 Mile Lower			FED USGS	USGS3135985
Agency cd: Site name: Latitude:	USGS 002S004W05C001S 340153	Site no:	340153117192601	
Longitude:	1171926	Dec lat:	34 03140306	
Dec Ion:	-117 32476588	Coor meth	M	
Coor accr:	S	Lationg datum:	NAD27	
Dec lationg datum:	NAD83	District:	06	
State:	06	County:	071	
Country:	US	Land net:	Not Reported	
Location map:	SAN BERNARDINO SOUTH	Map scale:	24000	
Altitude:	Not Reported	Altitude method:	Not Reported	
Altitude accuracy:	Not Reported	Altitude datum:	Not Reported	
Hydrologic:	Santa Ana. California. Area = 16	80 sq.mi.	•	
Topographic:	Not Reported			
Site type:	Ground-water other than Spring	Date construction:	Not Reported	
Date inventoried:	Not Reported	Mean greenwich time offset:	PST	
Local standard time flag:	Y			
Type of ground water site:	Single well, other than collector of	or Ranney type		
Aquifer Type:	Not Reported			
Aquifer:	Not Reported			
Well depth:	266	Hole depth:	Not Reported	
Source of depth data:	Not Reported	Project number:	9479335800	
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported	
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported	
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported	

 Peak flow data count:
 Not Reported

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

 Ground water data count:
 Not Reported

Water quality data begin date:Not ReportedWater quality data count:Not ReportedGround water data end date:Not Reported

Ground-water levels, Number of Measurements: 0

22 SSE 1/2 - 1 Mile Lower			CA WELLS 2454
Water System Information Prime Station Code: FRDS Number: District Number: Water Type: Source Lat/Long: Source Name: System Number: System Name: Organization That Ope	n: 02S/04W-05E02 S 3310031096 14 Well/Groundwater 340135.6 1171944.0 VAN BUREN WELL 02 3310031 Riverside, City of erates System:	User ID: County: Station Type: Well Status: Precision:	WAT Riverside WELL/AMBNT/MUN/INTAKE Active Raw 10 Feet (1/10 Second)
Pop Served: Area Served:	3900 MAIN STREET RIVERSIDE, CA 92522 245000 RIVERSIDE	Connections:	58586
Sample Information: * On Sample Collected: Chemical:	ly Findings Above Detection Level A 12/06/1989 FLUORIDE (TEMPERATURE DEPENi	re Listed Findings: DENT)	.300 MG/L
Sample Collected: Chemical:	12/06/1989 NITRATE (AS NO3)	Findings:	5.000 MG/L
Sample Collected: Chemical:	12/13/1989 GROSS ALPHA	Findings:	6.500 PCI/L
Sample Collected: Chemical:	12/13/1989 GROSS ALPHA COUNTING ERROR	Findings:	2.100 PCI/L
Sample Collected: Chemical:	12/13/1989 URANIUM	Findings:	12.000 PCI/L
Sample Collected: Chemical:	12/13/1989 ATRAZINE	Findings:	1.100 UG/L
Sample Collected: Chemical:	03/23/1990 GROSS ALPHA	Findings:	2.000 PCI/L
Sample Collected: Chemical:	03/23/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
Sample Collected: Chemical:	03/23/1990 URANIUM	Findings:	12.000 PCI/L
Sample Collected: Chemical:	07/18/1990 SPECIFIC CONDUCTANCE	Findings:	840.000 UMHO
Sample Collected: Chemical:	07/18/1990 PH (LABORATORY)	Findings:	7.500
Sample Collected: Chemical:	07/18/1990 TOTAL ALKALINITY (AS CACO3)	Findings:	213.000 MG/L
Sample Collected: Chemical:	07/18/1990 BICARBONATE ALKALINITY	Findings:	259.000 MG/L

Sample Collected: Chemical:

07/18/1990 TOTAL HARDNESS (AS CACO3)	Findings:	301.000 MG/L
07/18/1990 CALCIUM	Findings:	92.000 MG/L
07/18/1990 MAGNESIUM	Findings:	17.000 MG/L
07/18/1990 SODIUM	Findings:	55.000 MG/L
07/18/1990 POTASSIUM	Findings:	5.000 MG/L
07/18/1990 CHLORIDE	Findings:	49.000 MG/L
07/18/1990 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.500 MG/L
07/18/1990 TOTAL DISSOLVED SOLIDS	Findings:	525.000 MG/L
07/18/1990 NITRATE (AS NO3)	Findings:	6.000 MG/L
07/24/1990 GROSS ALPHA	Findings:	17.000 PCI/L
07/24/1990 GROSS ALPHA COUNTING ERROR	Findings:	6.000 PCI/L
06/10/1991 GROSS ALPHA	Findings:	7.000 PCI/L
06/10/1991 GROSS ALPHA COUNTING ERROR	Findings:	2.000 PCI/L
06/10/1991 URANIUM	Findings:	11.000 PCI/L
07/10/1991 SPECIFIC CONDUCTANCE	Findings:	820.000 UMHO
07/10/1991 PH (LABORATORY)	Findings:	7.500
07/10/1991 TOTAL ALKALINITY (AS CACO3)	Findings:	215.000 MG/L
07/10/1991 BICARBONATE ALKALINITY	Findings:	262.000 MG/L
07/10/1991 TOTAL HARDNESS (AS CACO3)	Findings:	317.000 MG/L
07/10/1991 CALCIUM	Findings:	100.000 MG/L
07/10/1991 MAGNESIUM	Findings:	16.000 MG/L
07/10/1991 SODIUM	Findings:	57.000 MG/L
07/10/1991 POTASSIUM	Findings:	4.000 MG/L
07/10/1991 CHLORIDE	Findings:	48.000 MG/L
07/10/1991	Findings:	.500 MG/L

FLUORIDE (TEMPERATURE DEPENDENT)

Sample Collected: Chemical:

07/10/1991 BORON	Findings:	.300 UG/L
07/10/1991 FOAMING AGENTS (MBAS)	Findings:	.170 UG/L
07/10/1991 TOTAL DISSOLVED SOLIDS	Findings:	500.000 MG/L
07/10/1991 NITRATE (AS NO3)	Findings:	4.000 MG/L
01/10/1992 URANIUM	Findings:	15.000 PCI/L
04/02/1992 GROSS ALPHA	Findings:	15.300 PCI/L
04/02/1992 GROSS ALPHA COUNTING ERROR	Findings:	2.600 PCI/L
09/04/1992 GROSS ALPHA	Findings:	15.300 PCI/L
09/04/1992 GROSS ALPHA COUNTING ERROR	Findings:	2.300 PCI/L
09/04/1992 URANIUM	Findings:	17.000 PCI/L
06/08/1993 URANIUM	Findings:	16.000 PCI/L
09/17/1993 SPECIFIC CONDUCTANCE	Findings:	760.000 UMHO
09/17/1993 PH (LABORATORY)	Findings:	7.500
09/17/1993 TOTAL ALKALINITY (AS CACO3)	Findings:	205.000 MG/L
09/17/1993 BICARBONATE ALKALINITY	Findings:	250.000 MG/L
09/17/1993 NITRATE NITROGEN (NO3-N)	Findings:	500.000 UG/L
09/17/1993 TOTAL HARDNESS (AS CACO3)	Findings:	292.000 MG/L
09/17/1993 CALCIUM	Findings:	90.000 MG/L
09/17/1993 MAGNESIUM	Findings:	16.000 MG/L
09/17/1993 SODIUM	Findings:	54.000 MG/L
09/17/1993 POTASSIUM	Findings:	4.000 MG/L
09/17/1993 CHLORIDE	Findings:	53.000 MG/L
09/17/1993 FLUORIDE (TEMPERATURE DEPEN	Findings: IDENT)	.700 MG/L
09/17/1993 BORON	Findings:	300.000 UG/L
09/17/1993 TOTAL DISSOLVED SOLIDS	Findings:	480.000 MG/L

Sample Collected: Chemical:

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Sample Collected: Chemical:

12/13/1993 TETRACHLOROETHYLENE	Findings:	.600 UG/L
03/03/1994 GROSS ALPHA	Findings:	22.000 PCI/L
03/03/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.800 PCI/L
03/03/1994 URANIUM	Findings:	14.000 PCI/L
03/03/1994 TETRACHLOROETHYLENE	Findings:	.700 UG/L
06/01/1994 TETRACHLOROETHYLENE	Findings:	.800 UG/L
09/07/1994 NITRATE (AS NO3)	Findings:	6.600 MG/L
09/07/1994 GROSS ALPHA	Findings:	13.350 PCI/L
09/07/1994 GROSS ALPHA COUNTING ERROR	Findings:	7.690 PCI/L
09/07/1994 URANIUM	Findings:	8.530 PCI/L
09/07/1994 URANIUM COUNTING ERROR	Findings:	.370 PCI/L
03/10/1995 GROSS ALPHA	Findings:	8.760 PCI/L
03/10/1995 GROSS ALPHA COUNTING ERROR	Findings:	2.210 PCI/L
03/10/1995 URANIUM	Findings:	8.950 PCI/L
03/10/1995 URANIUM COUNTING ERROR	Findings:	.370 PCI/L
06/05/1995 SPECIFIC CONDUCTANCE	Findings:	630.000 UMHO
06/05/1995 PH (LABORATORY)	Findings:	7.600
06/05/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	160.000 MG/L
06/05/1995 BICARBONATE ALKALINITY	Findings:	160.000 MG/L
06/05/1995 TOTAL HARDNESS (AS CACO3)	Findings:	230.000 MG/L
06/05/1995 CALCIUM	Findings:	73.000 MG/L
06/05/1995 MAGNESIUM	Findings:	13.000 MG/L
06/05/1995 SODIUM	Findings:	50.000 MG/L
06/05/1995 POTASSIUM	Findings:	5.300 MG/L
06/05/1995 CHLORIDE	Findings:	48.000 MG/L

Sample Collected: Chemical:

06/05/1995	Findings:	.540 MG/L
FLUORIDE (TEMPERATURE DEPEN	DENT)	
06/05/1995 TOTAL DISSOLVED SOLIDS	Findings:	450.000 MG/L
06/05/1995 NITRATE (AS NO3)	Findings:	11.000 MG/L
09/04/1995 GROSS ALPHA	Findings:	5.580 PCI/L
09/04/1995 GROSS ALPHA COUNTING ERROR	Findings:	2.020 PCI/L
09/04/1995 URANIUM	Findings:	7.280 PCI/L
09/04/1995 URANIUM COUNTING ERROR	Findings:	1.290 PCI/L
03/08/1996 RADIUM 228 COUNTING ERROR	Findings:	.228 PCI/L
03/08/1996 GROSS ALPHA	Findings:	7.700 PCI/L
03/08/1996 GROSS ALPHA COUNTING ERROR	Findings:	2.420 PCI/L
03/08/1996 RADIUM 226 COUNTING ERROR	Findings:	.050 PCI/L
03/08/1996 URANIUM	Findings:	9.260 PCI/L
03/08/1996 URANIUM COUNTING ERROR	Findings:	1.400 PCI/L
07/16/1996 GROSS ALPHA	Findings:	10.000 PCI/L
07/16/1996 GROSS ALPHA COUNTING ERROR	Findings:	2.000 PCI/L
07/16/1996 RADIUM 226 COUNTING ERROR	Findings:	1.000 PCI/L
07/16/1996 URANIUM	Findings:	4.000 PCI/L
07/16/1996 URANIUM COUNTING ERROR	Findings:	2.000 PCI/L
09/04/1996 ODOR THRESHOLD @ 60 C	Findings:	2.000 TON
09/04/1996 SPECIFIC CONDUCTANCE	Findings:	680.000 UMHO
09/04/1996 PH (LABORATORY)	Findings:	7.500
09/04/1996 TOTAL ALKALINITY (AS CACO3)	Findings:	173.000 MG/L
09/04/1996 BICARBONATE ALKALINITY	Findings:	211.000 MG/L
09/04/1996 TOTAL HARDNESS (AS CACO3)	Findings:	232.000 MG/L
09/04/1996 CALCIUM	Findings:	72.100 MG/L

Sample Collected: Chemical:

09/04/1996 MAGNESIUM	Findings:	13.600 MG/L
09/04/1996 SODIUM	Findings:	44.400 MG/L
09/04/1996 POTASSIUM	Findings:	3.800 MG/L
09/04/1996 CHLORIDE	Findings:	44.200 MG/L
09/04/1996 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.850 MG/L
09/04/1996 ARSENIC	Findings:	2.700 UG/L
09/04/1996 BORON	Findings:	275.000 UG/L
09/04/1996 TOTAL DISSOLVED SOLIDS	Findings:	368.000 MG/L
09/04/1996 NITRATE (AS NO3)	Findings:	12.800 MG/L
09/04/1996 TURBIDITY (LAB)	Findings:	.100 NTU
09/04/1996 NITRATE + NITRITE (AS N)	Findings:	2890.000 UG/L
09/04/1996 GROSS ALPHA	Findings:	6.000 PCI/L
09/04/1996 GROSS ALPHA COUNTING ERROR	Findings:	2.000 PCI/L
09/04/1996 URANIUM	Findings:	7.000 PCI/L
09/04/1996 URANIUM COUNTING ERROR	Findings:	2.000 PCI/L
12/09/1996 GROSS ALPHA	Findings:	5.000 PCI/L
12/09/1996 GROSS ALPHA COUNTING ERROR	Findings:	2.000 PCI/L
12/09/1996 URANIUM	Findings:	5.000 PCI/L
12/09/1996 URANIUM COUNTING ERROR	Findings:	2.000 PCI/L
03/27/1997 GROSS ALPHA	Findings:	5.000 PCI/L
03/27/1997 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
03/27/1997 URANIUM	Findings:	7.000 PCI/L
03/27/1997 URANIUM COUNTING ERROR	Findings:	2.000 PCI/L
09/16/1997 SPECIFIC CONDUCTANCE	Findings:	670.000 UMHO
09/16/1997 PH (LABORATORY)	Findings:	7.500

Sample Collected: Chemical:	09/16/1997 TOTAL ALKALINITY (AS CACO3)	Findings:	178.000 MG/L
Sample Collected: Chemical:	09/16/1997 BICARBONATE ALKALINITY	Findings:	217.000 MG/L
Sample Collected: Chemical:	09/16/1997 TOTAL HARDNESS (AS CACO3)	Findings:	224.000 MG/L
Sample Collected: Chemical:	09/16/1997 CALCIUM	Findings:	71.800 MG/L
Sample Collected: Chemical:	09/16/1997 MAGNESIUM	Findings	12.700 MG/L
Sample Collected: Chemical:	09/16/1997 SODIUM	Findings:	41.500 MG/L
Sample Collected: Chemical:	09/16/1997 POTASSIUM	Findings:	2.700 MG/L
Sample Collected: Chemical:	09/16/1997 CHLORIDE	Findings:	47.000 MG/L
Sample Collected: Chemical:	09/16/1997 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.622 MG/L
Sample Collected: Chemical:	09/16/1997 BORON	Findings:	238.000 UG/L
Sample Collected: Chemical:	09/16/1997 TOTAL DISSOLVED SOLIDS	Findings:	369.000 MG/L
Sample Collected: Chemical:	09/16/1997 NITRATE (AS NO3)	Findings:	13.900 MG/L
Sample Collected: Chemical:	09/16/1997 TURBIDITY (LAB)	Findings:	.100 NTU
Sample Collected: Chemical:	09/16/1997 NITRATE + NITRITE (AS N)	Findings:	3140.000 UG/L

# 23 SE 1/2 - 1 Mile Lower

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#### CA WELLS 2453

Water System Information:					
Prime Station Code:	02S/04W-05E01 S	User ID:	WAT		
FRDS Number:	3310031095	County:	Riverside		
District Number:	14	Station Type:	WELL/AMBNT/MUN/INTAKE		
Water Type:	Weil/Groundwater	Well Status:	Active Raw		
Source Lat/Long:	340137.8 1171937.9	Precision:	10 Feet (1/10 Second)		
Source Name:	VAN BUREN WELL 01				
System Number:	3310031				
System Name:	Riverside, City of				
Organization That Op	erates System:				
-	3900 MAIN STREET				
	RIVERSIDE, CA 92522				
Pop Served:	245000	Connections:	58586		
Area Served:	RIVERSIDE				
Sample Information: * O	niv Findings Above Detection Level A	re Listed			
Sample Collected:	12/06/1989	Findings:	.300 MG/L		
Chemical:	FLUORIDE (TEMPERATURE DEPEN	IDENT)			
Sample Collected: Chemical:	12/06/1989 NITRATE (AS NO3)	Findings:	8.000 MG/L		

Sample Collected: Chemical:

12/13/1989 GROSS ALPHA	Findings:	10.500 PCI/L
12/13/1989 GROSS ALPHA COUNTING ERROR	Findings:	2.600 PCI/L
12/13/1989 URANIUM	Findings:	9.000 PCI/L
03/23/1990 GROSS ALPHA	Findings:	3.400 PCI/L
03/23/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
03/23/1990 CHLOROFORM (THM)	Findings:	.800 UG/L
03/23/1990 TETRACHLOROETHYLENE	Findings:	1.000 UG/L
03/23/1990 URANIUM	Findings:	12.000 PCI/L
07/18/1990 SPECIFIC CONDUCTANCE	Findings:	830.000 UMHC
07/18/1990 PH (LABORATORY)	Findings:	7.500
07/18/1990 TOTAL ALKALINITY (AS CACO3)	Findings:	213.000 MG/L
07/18/1990 BICARBONATE ALKALINITY	Findings:	259.000 MG/L
07/18/1990 TOTAL HARDNESS (AS CACO3)	Findings:	302.000 MG/L
07/18/1990 CALCIUM	Findings:	96.000 MG/L
07/18/1990 MAGNESIUM	Findings:	17.000 MG/L
07/18/1990 SODIUM	Findings:	51.000 MG/L
07/18/1990 POTASSIUM	Findings:	4.000 MG/L
07/18/1990 CHLORIDE	Findings:	54.000 MG/L
07/18/1990 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.500 MG/L
07/18/1990 BORON	Findings:	.100 UG/L
07/18/1990 TOTAL DISSOLVED SOLIDS	Findings:	545.000 MG/L
07/18/1990 NITRATE (AS NO3)	Findings:	9.000 MG/L
07/24/1990 GROSS ALPHA	Findings:	16.000 PCI/L
07/24/1990 GROSS ALPHA COUNTING ERROR	Findings:	4.000 PCI/L
10/02/1990 CHLOROFORM (THM)	Findings:	1.200 UG/L

Sample Collected: Chemical:

10/02/1990 TETRACHLOROETHYLENE	Findings:	.600 UG/L
10/02/1990 TOTAL TRIHALOMETHANES	Findings:	1.200 UG/L
04/04/1991 CHLOROFORM (THM)	Findings:	1.600 UG/L
04/04/1991 TOTAL TRIHALOMETHANES	Findings:	1.600 UG/L
07/23/1991 CHLOROFORM (THM)	Findings:	2.000 UG/L
07/23/1991 TOTAL TRIHALOMETHANES	Findings:	2.000 UG/L
07/23/1991 GROSS ALPHA	Findings:	16.600 PCI/L
07/23/1991 GROSS ALPHA COUNTING ERROR	Findings:	2.200 PCI/L
07/23/1991 URANIUM	Findings:	14.000 PCI/L
07/23/1991 SPECIFIC CONDUCTANCE	Findings:	850.000 UMHO
07/23/1991 PH (LABORATORY)	Findings:	7.500
07/23/1991 TOTAL ALKALINITY (AS CACO3)	Findings:	228.000 MG/L
07/23/1991 BICARBONATE ALKALINITY	Findings:	278.000 MG/L
07/23/1991 TOTAL HARDNESS (AS CACO3)	Findings:	322.000 MG/L
07/23/1991 CALCIUM	Findings:	100.000 MG/L
07/23/1991 MAGNESIUM	Findings:	17.000 MG/L
07/23/1991 SODIUM	Findings:	50.000 MG/L
07/23/1991 POTASSIUM	Findings:	4.000 MG/L
07/23/1991 CHLORIDE	Findings:	51.000 MG/L
07/23/1991 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.500 MG/L
07/23/1991 BORON	Findings:	.200 UG/L
07/23/1991 FOAMING AGENTS (MBAS)	Findings:	.080 UG/L
07/23/1991 TOTAL DISSOLVED SOLIDS	Findings:	500.000 MG/L
07/23/1991 NITRATE (AS NO3)	Findings:	12.000 MG/L
07/23/1991 TURBIDITY (LAB)	Findings:	.100 NTU

Sample Collected: Chemical:

10/15/1991 CHLOROFORM (THM)	Findings:	1.800 UG/L
10/15/1991 TOTAL TRIHALOMETHANES	Findings:	1.800 UG/L
01/10/1992 GROSS ALPHA	Findings:	7.900 PCI/L
01/10/1992 GROSS ALPHA COUNTING ERROR	Findings:	2.200 PCI/L
01/10/1992 CHLOROFORM (THM)	Findings:	1.500 UG/L
01/10/1992 TETRACHLOROETHYLENE	Findings:	.800 UG/L
01/10/1992 TOTAL TRIHALOMETHANES	Findings:	1.500 UG/L
04/23/1992 CHLOROFORM (THM)	Findings:	1.500 UG/L
04/23/1992 TOTAL TRIHALOMETHANES	Findings:	1.500 UG/L
07/24/1992 CHLOROFORM (THM)	Findings:	1.500 UG/L
07/24/1992 TOTAL TRIHALOMETHANES	Findings:	1.500 UG/L
07/24/1992 SPECIFIC CONDUCTANCE	Findings:	830.000 UMHO
07/24/1992 PH (LABORATORY)	Findings:	7.400
07/24/1992 TOTAL ALKALINITY (AS CACO3)	Findings:	225.000 MG/L
07/24/1992 BICARBONATE ALKALINITY	Findings:	275.000 MG/L
07/24/1992 TOTAL HARDNESS (AS CACO3)	Findings:	306.000 MG/L
07/24/1992 CALCIUM	Findings:	94.000 MG/L
07/24/1992 MAGNESIUM	Findings:	17.000 MG/L
07/24/1992 SODIUM	Findings:	50.000 MG/L
07/24/1992 POTASSIUM	Findings:	15.000 MG/L
07/24/1992 CHLORIDE	Findings:	52.000 MG/L
07/24/1992 FLUORIDE (TEMPERATURE DEPEN	Findings: IDENT)	.700 MG/L
07/24/1992 BORON	Findings:	.200 UG/L
07/24/1992 FOAMING AGENTS (MBAS)	Findings:	.080 UG/L
07/24/1992 TOTAL DISSOLVED SOLIDS	Findings:	520.000 MG/L

Sample Collected: Chemical:

07/24/1992 NITRATE (AS NO3)	Findings:	12.000 MG/L
10/07/1992 CHLOROFORM (THM)	Findings:	1.000 UG/L
10/07/1992 TOTAL TRIHALOMETHANES	Findings:	1.000 UG/L
03/11/1993 GROSS ALPHA	Findings:	9.900 PCI/L
03/11/1993 GROSS ALPHA COUNTING ERROR	Findings:	1.900 PCI/L
03/11/1993 URANIUM	Findings:	11.000 PCI/L
07/07/1993 SPECIFIC CONDUCTANCE	Findings:	770.000 UMHO
07/07/1993 PH (LABORATORY)	Findings:	7.600
07/07/1993 TOTAL ALKALINITY (AS CACO3)	Findings:	208.000 MG/L
07/07/1993 BICARBONATE ALKALINITY	Findings:	253.000 MG/L
07/07/1993 TOTAL HARDNESS (AS CACO3)	Findings:	298.000 MG/L
07/07/1993 CALCIUM	Findings:	94.000 MG/L
07/07/1993 MAGNESIUM	Findings:	15.000 MG/L
07/07/1993 SODIUM	Findings:	56.000 MG/L
07/07/1993 POTASSIUM	Findings:	4.000 MG/L
07/07/1993 CHLORIDE	Findings:	50.000 MG/L
07/07/1993 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.500 MG/L
07/07/1993 BORON	Findings:	200.000 UG/L
07/07/1993 FOAMING AGENTS (MBAS)	Findings:	.090 UG/L
07/07/1993 TOTAL DISSOLVED SOLIDS	Findings:	495.000 MG/L
07/07/1993 NITRATE (AS NO3)	Findings:	6.000 MG/L
09/17/1993 SPECIFIC CONDUCTANCE	Findings:	770.000 UMHO
09/17/1993 PH (LABORATORY)	Findings:	7.500
09/17/1993 TOTAL ALKALINITY (AS CACO3)	Findings:	208.000 MG/L
09/17/1993 BICARBONATE ALKALINITY	Findings:	253.000 MG/L



Sample Collected: Chemical:

NITRATE (AS NO3)

09/17/1993 NITRATE NITROGEN (NO3-N)	Findings:	9000.000 UG/L
09/17/1993 TOTAL HARDNESS (AS CACO3)	Findings:	302.000 MG/L
09/17/1993 CALCIUM	Findings:	94.000 MG/L
09/17/1993 MAGNESIUM	Findings:	16.000 MG/L
09/17/1993 SODIUM	Findings:	52.000 MG/L
09/17/1993 POTASSIUM	Findings:	4.000 MG/L
09/17/1993 CHLORIDE	Findings:	52.000 MG/L
09/17/1993 FLUORIDE (TEMPERATURE DEPEN	Findings: IDENT)	.600 MG/L
09/17/1993 BORON	Findings:	200.000 UG/L
09/17/1993 TOTAL DISSOLVED SOLIDS	Findings:	485.000 MG/L
09/17/1993 NITRATE (AS NO3)	Findings:	4.000 MG/L
10/06/1993 CHLOROFORM (THM)	Findings:	.600 UG/L
10/06/1993 TOTAL TRIHALOMETHANES	Findings:	.600 UG/L
07/12/1994 SPECIFIC CONDUCTANCE	Findings:	790.000 UMHO
07/12/1 <del>9</del> 94 PH (LABORATORY)	Findings:	7.500
07/12/1994 TOTAL ALKALINITY (AS CACO3)	Findings:	200.000 MG/L
07/12/1994 BICARBONATE ALKALINITY .	Findings:	200.000 MG/L
07/12/1994 TOTAL HARDNESS (AS CACO3)	Findings:	270.000 MG/L
07/12/1994 CALCIUM	Findings:	99.000 MG/L
07/12/1994 MAGNESIUM	Findings:	15.000 MG/L
07/12/1994 SODIUM	Findings:	33.000 MG/L
07/12/1994 CHLORIDE	Findings:	45.000 MG/L
07/12/1994 FLUORIDE (TEMPERATURE DEPEI	Findings: NDENT)	.500 MG/L
07/12/1994 TOTAL DISSOLVED SOLIDS	Findings:	420.000 MG/L
07/12/1994	Findings:	6.600 MG/L

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Sample Collected: Chemical:

07/12/1994 GROSS ALPHA COUNTING ERROR	Findings:	7.120 PCI/L
08/17/1994 SPECIFIC CONDUCTANCE	Findings:	570.000 UMHO
08/17/1994 PH (LABORATORY)	Findings:	7.300
08/17/1994 TOTAL ALKALINITY (AS CACO3)	Findings:	220.000 MG/L
08/17/1994 BICARBONATE ALKALINITY	Findings:	220.000 MG/L
08/17/1994 TOTAL HARDNESS (AS CACO3)	Findings:	190.000 MG/L
08/17/1994 CALCIUM	Findings:	60.000 MG/L
08/17/1994 MAGNESIUM	Findings:	9.900 MG/L
08/17/1994 SODIUM	Findings:	39.000 MG/L
08/17/1994 POTASSIUM	Findings:	2.900 MG/L
08/17/1994 CHLORIDE	Findings:	20.000 MG/L
08/17/1994 COPPER	Findings:	90.000 UG/L
08/17/1994 TOTAL DISSOLVED SOLIDS	Findings:	320.000 MG/L
08/17/1994 NITRATE (AS NO3)	Findings:	17.000 MG/L
01/18/1995 NITRATE (AS NO3)	Findings:	7.800 MG/L
01/19/1995 NITRATE (AS NO3)	Findings:	7.200 MG/L
07/09/1995 SPECIFIC CONDUCTANCE	Findings:	640.000 UMHO
07/09/1995 PH (LABORATORY)	Findings:	7.500
07/09/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	190.000 MG/L
07/09/1995 BICARBONATE ALKALINITY	Findings:	190.000 MG/L
07/09/1995 TOTAL HARDNESS (AS CACO3)	Findings:	260.000 MG/L
07/09/1995 CALCIUM	Findings:	82.000 MG/L
07/09/1995 MAGNESIUM	Findings:	14.000 MG/L
07/09/1995 SODIUM	Findings:	49.000 MG/L
07/09/1995 POTASSIUM	Findings:	5.900 MG/L

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Sample Collected: Chemical:

07/09/1995 CHLORIDE	Findings:	45.000 MG/L
07/09/1995 TOTAL DISSOLVED SOLIDS	Findings:	440.000 MG/L
07/09/1995 NITRATE (AS NO3)	Findings:	9.000 MG/L
07/09/1995 GROSS ALPHA	Findings:	6.600 PCI/L
07/09/1995 GROSS ALPHA COUNTING ERROR	Findings:	2.050 PCI/L
07/09/1995 URANIUM	Findings:	7.750 PCI/L
07/09/1995 URANIUM COUNTING ERROR	Findings:	1.340 PCI/L
01/02/1996 GROSS ALPHA	Findings:	7.700 PCI/L
01/02/1996 GROSS ALPHA COUNTING ERROR	Findings:	2.510 PCI/L
01/02/1996 RA 226 + RA 228	Findings:	.870 PCI/L
01/02/1996 RA 226 + RA 228 COUNTING ERROR	Findings:	.420 PCI/L
01/02/1996 URANIUM	Findings:	10.050 PCI/L
01/02/1996 URANIUM COUNTING ERROR	Findings:	1.460 PCI/L
04/21/1996 RADIUM 228 COUNTING ERROR	Findings:	.292 PCI/L
04/21/1996 GROSS ALPHA	Findings:	8.700 PCI/L
04/21/1996 GROSS ALPHA COUNTING ERROR	Findings:	2.600 PCI/L
04/21/1996 URANIUM	Findings:	8.200 PCI/L
04/21/1996 URANIUM COUNTING ERROR	Findings:	1.300 PCI/L
07/12/1996 GROSS ALPHA	Findings:	8.000 PCI/L
07/12/1996 GROSS ALPHA COUNTING ERROR	Findings:	2.000 PCI/L
07/12/1996 RADIUM 226 COUNTING ERROR	Findings:	1.000 PCI/L
07/12/1996 URANIUM	Findings:	8.000 PCI/L
07/12/1996 URANIUM COUNTING ERROR	Findings:	2.000 PCI/L
07/16/1996 SOURCE TEMPERATURE C	Findings:	21.100 C
07/16/1996 SPECIFIC CONDUCTANCE	Findings:	700.000 UMHO

Sample Collected: Chemical:

07/16/1996 PH (LABORATORY)	Findings:	7.630
07/16/1996 TOTAL ALKALINITY (AS CACO3)	Findings:	188.000 MG/L
07/16/1996 BICARBONATE ALKALINITY	Findings:	229.000 MG/L
07/16/1996 TOTAL HARDNESS (AS CACO3)	Findings:	248.000 MG/L
07/16/1996 CALCIUM	Findings:	78.400 MG/L
07/16/1996 MAGNESIUM	Findings:	14.300 MG/L
07/16/1996 SODIUM	Findings:	37.000 MG/L
07/16/1996 POTASSIUM	Findings:	1.900 MG/L
07/16/1996 CHLORIDE	Findings:	43.300 MG/L
07/16/1996 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.700 MG/L
07/16/1996 ARSENIC	Findings:	3.800 UG/L
07/16/1996 BORON	Findings:	231.000 UG/L
07/16/1996 TOTAL DISSOLVED SOLIDS	Findings:	388.000 MG/L
07/16/1996 NITRATE (AS NO3)	Findings:	8.100 MG/L
07/16/1996 NITRATE + NITRITE (AS N)	Findings:	1830.000 UG/L
10/07/1996 NITRATE (AS NO3)	Findings:	8.400 MG/L
10/07/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
10/07/1996 RADIUM 226 COUNTING ERROR	Findings:	1.000 PCI/L
10/07/1996 URANIUM	Findings:	7.000 PCI/L
10/07/1996 URANIUM COUNTING ERROR	Findings:	2.000 PCI/L
04/11/1997 GROSS ALPHA	Findings:	8.000 PCI/L
04/11/1997 GROSS ALPHA COUNTING ERROR	Findings:	2.000 PCI/L
04/11/1997 URANIUM	Findings:	8.000 PCI/L
04/11/1997 URANIUM COUNTING ERROR	Findings:	2.000 PCI/L
07/07/1997 ODOR THRESHOLD @ 60 C	Findings:	2.000 TON

Sample Collected: Chemical:	07/07/1997 SPECIFIC CONDUCTANCE	Findings:	710.000 UMHO
Sample Collected: Chemical:	07/07/1997 PH (LABORATORY)	Findings:	7.450
Sample Collected: Chemical:	07/07/1997 TOTAL ALKALINITY (AS CACO3)	Findings:	189.000 MG/L
Sample Collected: Chemical:	07/07/1997 BICARBONATE ALKALINITY	Findings:	231.000 MG/L
Sample Collected: Chemical:	07/07/1997 TOTAL HARDNESS (AS CACO3)	Findings:	235.000 MG/L
Sample Collected: Chemical:	07/07/1997 CALCIUM	Findings:	82.000 MG/L
Sample Collected: Chemical:	07/07/1997 MAGNESIUM	Findings:	7.300 MG/L
Sample Collected: Chemical:	07/07/1997 SODIUM	Findings:	49.000 MG/L
Sample Collected: Chemical:	07/07/1997 POTASSIUM	Findings:	3.800 MG/L
Sample Collected: Chemical:	07/07/1997 CHLORIDE	Findings:	45.100 MG/L
Sample Collected: Chemical:	07/07/1997 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.554 MG/L
Sample Collected: Chemical:	07/07/1997 BORON	Findings:	281.000 UG/L
Sample Collected: Chemical:	07/07/1997 TOTAL DISSOLVED SOLIDS	Findings:	397.000 MG/L
Sample Collected: Chemical:	07/07/1997 NITRATE (AS NO3)	Findings:	7.900 MG/L
Sample Collected: Chemical:	07/07/1997 TURBIDITY (LAB)	Findings:	.300 NTU
Sample Collected: Chemical:	07/07/1997 NITRATE + NITRITE (AS N)	Findings:	1780.000 UG/L
Sample Collected: Chemical:	02/03/1998 DIBROMOCHLOROPROPANE (DBCI	Findings: P)	.030 UG/L

#### 24 ESE 1/2 - 1 Mile

Lower

Water System Information:

Prime Station Code: FRDS Number: District Number: Water Type: Source Lat/Long: Source Name: 02S/04W-05C01 S 3310031012 14 Well/Groundwater 340153.1 1171918.4 DEBERRY User ID: County: Station Type: Well Status: Precision: CA WELLS 2452

WAT Riverside WELL/AMBNT/MUN/INTAKE/SUPPLY Active Raw 10 Feet (1/10 Second)

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	System Number: System Name: Organization That Opt	3310031 Riverside, City of erates System: 3900 MAIN STREET		
	Pop Served: Area Served:	RIVERSIDE, CA 92522 245000 RIVERSIDE	Connections:	58586
Sa	mple Information: • On Sample Collected: Chemical:	ly Findings Above Detection Level A 11/04/1987 GROSS ALPHA	re Listed Findings:	7.000 PCI/L
	Sample Collected: Chemical:	11/04/1987 GROSS ALPHA COUNTING ERROR	Findings:	3.000 PCI/L
	Sample Collected: Chemical:	07/11/1988 GROSS ALPHA	Findings:	6.200 PCI/L
	Sample Collected: Chemical:	07/11/1988 GROSS ALPHA COUNTING ERROR	Findings:	3.900 PCI/L
	Sample Collected: Chemical:	05/11/1989 GROSS ALPHA	Findings:	6.000 PCI/L
	Sample Collected: Chemical:	05/11/1989 GROSS ALPHA COUNTING ERROR	Findings:	2.000 PCI/L
	Sample Collected: Chemical:	11/16/1989 GROSS ALPHA	Findings:	4.400 PCI/L
	Sample Collected: Chemical:	11/16/1989 GROSS ALPHA COUNTING ERROR	Findings:	2.200 PCI/L
	Sample Collected: Chemical:	11/16/1989 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.500 MG/L
	Sample Collected: Chemical:	11/16/1989 URANIUM	Findings:	7.000 PCI/L
	Sample Collected: Chemical:	11/16/1989 NITRATE (AS NO3)	Findings:	14.000 MG/L
	Sample Collected: Chemical:	02/13/1990 URANIUM	Findings:	10.000 PCI/L
	Sample Collected: Chemical:	07/18/1990 SPECIFIC CONDUCTANCE	Findings:	940.000 UMHO
	Sample Collected: Chemical:	07/18/1990 PH (LABORATORY)	Findings:	7.200
	Sample Collected: Chemical:	07/18/1990 TOTAL ALKALINITY (AS CACO3)	Findings:	255.000 MG/L
	Sample Collected: Chemical:	07/18/1990 BICARBONATE ALKALINITY	Findings:	311.000 MG/L
	Sample Collected: Chemical:	07/18/1990 TOTAL HARDNESS (AS CACO3)	Findings:	354.000 MG/L
	Sample Collected: Chemical:	07/18/1990 CALCIUM	Findings:	102.000 MG/L
	Sample Collected: Chemical:	07/18/1990 MAGNESIUM	Findings:	24.000 MG/L
	Sample Collected: Chemical:	07/18/1990 SODIUM	Findings:	65.000 MG/L
	Sample Collected: Chemical:	07/18/1990 POTASSIUM	Findings:	5.000 MG/L

Sample Collected: Chemical:

07/18/1990 CHLORIDE	Findings:	58.000 MG/L
07/18/1990 BORON	Findings:	.100 UG/L
07/18/1990 TOTAL DISSOLVED SOLIDS	Findings:	600.000 MG/L
07/18/1990 NITRATE (AS NO3)	Findings:	11.000 MG/L
07/27/1990 GROSS ALPHA	Findings:	13.000 PCI/L
07/27/1990 GROSS ALPHA COUNTING ERROR	Findings:	4.000 PCI/L
05/13/1991 GROSS ALPHA	Findings:	11.000 PCI/L
05/13/1991 GROSS ALPHA COUNTING ERROR	Findings:	2.000 PCI/L
05/13/1991 URANIUM	Findings:	21.000 PCI/L
03/20/1992 GROSS ALPHA	Findings:	12.100 PCI/L
03/20/1992 GROSS ALPHA COUNTING ERROR	Findings:	2.100 PCI/L
03/20/1992 URANIUM	Findings:	13.000 PCI/L
06/19/1992 GROSS ALPHA	Findings:	9.300 PCI/L
06/19/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.900 PCI/L
06/19/1992 URANIUM	Findings:	12.000 PCI/L
07/14/1992 SPECIFIC CONDUCTANCE	Findings:	810.000 UMHO
07/14/1992 PH (LABORATORY)	Findings:	7.300
07/14/1992 TOTAL ALKALINITY (AS CACO3)	Findings:	250.000 MG/L
07/14/1992 BICARBONATE ALKALINITY	Findings:	305.000 MG/L
07/14/1992 TOTAL HARDNESS (AS CACO3)	Findings:	322.000 MG/L
07/14/1992 CALCIUM	Findings:	97.000 MG/L
07/14/1992 MAGNESIUM	Findings:	19.000 MG/L
07/14/1992 SODIUM	Findings:	50.000 MG/L
07/14/1992 POTASSIUM	Findings:	5.000 MG/L
07/14/1992 CHLORIDE	rindings:	56.000 MG/L

Sample Collected: Chemical:

07/14/1992 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.900 MG/L
07/14/1992 BORON	Findings:	.200 UG/L
07/14/1992 FOAMING AGENTS (MBAS)	Findings:	.060 UG/L
07/14/1992 TOTAL DISSOLVED SOLIDS	Findings:	520.000 MG/L
07/14/1992 NITRATE (AS NO3)	Findings:	8.000 MG/L
10/01/1992 GROSS ALPHA	Findings:	8.800 PCI/L
10/01/1992 GROSS ALPHA COUNTING ERROR	Findings:	2.200 PCI/L
10/01/1992 URANIUM	Findings:	12.000 PCI/L
10/07/1992 GROSS ALPHA	Findings:	11.900 PCI/L
10/07/1992 GROSS ALPHA COUNTING ERROR	Findings:	2.300 PCI/L
10/07/1992 URANIUM	Findings:	13.000 PCI/L
12/11/1992 GROSS ALPHA	Findings:	7.400 PCI/L
12/11/1992 GROSS ALPHA COUNTING ERROR	Findings:	2.100 PCI/L
12/11/1992 URANIUM	Findings:	11.000 PCI/L
04/07/1993 GROSS ALPHA	Findings:	9.800 PCI/L
04/07/1993 GROSS ALPHA COUNTING ERROR	Findings:	2.200 PCI/L
07/20/1993 SPECIFIC CONDUCTANCE	Findings:	680.000 UMHO
07/20/1993 PH (LABORATORY)	Findings:	7.500
07/20/1993 TOTAL ALKALINITY (AS CACO3)	Findings:	200.000 MG/L
07/20/1993 BICARBONATE ALKALINITY	Findings:	244.000 MG/L
07/20/1993 NITRATE NITROGEN (NO3-N)	Findings:	1300.000 UG/L
07/20/1993 TOTAL HARDNESS (AS CACO3)	Findings:	229.000 MG/L
07/20/1993 CALCIUM	Findings:	68.000 MG/L
07/20/1993 MAGNESIUM	Findings:	14.000 MG/L
07/20/1993	Findings:	48.000 MG/L

Sample Collected: Chemical:

07/20/1993 POTASSIUM	Findings:	4.000 MG/L
07/20/1993 CHLORIDE	Findings:	42.000 MG/L
07/20/1993 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.700 MG/L
07/20/1993 BORON	Findings:	300.000 UG/L
07/20/1993 TOTAL DISSOLVED SOLIDS	Findings:	420.000 MG/L
07/20/1993 NITRATE (AS NO3)	Findings:	6.000 MG/L
09/16/1993 GROSS ALPHA	Findings:	3.200 PCI/L
09/16/1993 GROSS ALPHA COUNTING ERROR	Findings:	1.900 PCI/L
09/16/1993 URANIUM	Findings:	5.000 PCI/L
09/12/1994 NITRATE (AS NO3)	Findings:	9.600 MG/L
09/23/1994 SPECIFIC CONDUCTANCE	Findings:	620.000 UMHO
09/23/1994 PH (LABORATORY)	Findings:	7.400
09/23/1994 TOTAL ALKALINITY (AS CACO3)	Findings:	260.000 MG/L
09/23/1994 BICARBONATE ALKALINITY	Findings:	260.000 MG/L
09/23/1994 TOTAL HARDNESS (AS CACO3)	Findings:	190.000 MG/L
09/23/1994 CALCIUM	Findings:	58.000 MG/L
09/23/1994 MAGNESIUM	Findings:	12.000 MG/L
09/23/1994 SODIUM	Findings:	54.000 MG/L
09/23/1994 POTASSIUM	Findings:	3.600 MG/L
09/23/1994 CHLORIDE	Findings:	3.900 MG/L
09/23/1994 TOTAL DISSOLVED SOLIDS	Findings:	380.000 MG/L
09/23/1994 NITRATE (AS NO3)	Findings:	9.300 MG/L
07/06/1995 SPECIFIC CONDUCTANCE	Findings:	700.000 UMHO
07/06/1995 PH (LABORATORY)	Findings:	7.000
07/06/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	200.000 MG/L

Sample Collected: Chemical:

07/06/1995 BICARBONATE ALKALINITY	Findings:	200.000 MG/L
07/06/1995 TOTAL HARDNESS (AS CACO3)	Findings:	310.000 MG/L
07/06/1995 CALCIUM	Findings:	77.000 MG/L
07/06/1995 MAGNESIUM	Findings:	15.000 MG/L
07/06/1995 SODIUM	Findings:	52.000 MG/L
07/06/1995 POTASSIUM	Findings:	5.800 MG/L
07/06/1995 CHLORIDE	Findings:	91.000 MG/L
07/06/1995 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.650 MG/L
07/06/1995 TOTAL DISSOLVED SOLIDS	Findings:	450.000 MG/L
07/06/1995 NITRATE (AS NO3)	Findings:	10.000 MG/L
03/01/1996 NITRATE (AS NO3)	Findings:	5.200 MG/L
03/05/1996 RADIUM 228 COUNTING ERROR	Findings:	.294 PCI/L
03/05/1996 GROSS ALPHA	Findings:	4.910 PCI/L
03/05/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.930 PCI/L
03/05/1996 RADIUM 226 COUNTING ERROR	Findings:	.070 PCI/L
03/05/1996 URANIUM	Findings:	5.030 PCI/L
03/05/1996 URANIUM COUNTING ERROR	Findings:	1.040 PCI/L
06/20/1996 GROSS ALPHA	Findings:	4.020 PCI/L
06/20/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.370 PCI/L
09/30/1996 NITRATE (AS NO3)	Findings:	7.800 MG/L
09/30/1996 GROSS ALPHA	Findings:	2.000 PCI/L
09/30/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
09/30/1996 RADIUM 226 COUNTING ERROR	Findings:	1.000 PCI/L
09/30/1996 URANIUM	Findings:	5.000 PCI/L
09/30/1996 URANIUM COUNTING ERROR	Findings:	2.000 PCI/L

Sample Collected: Chemical:

12/05/1996 GROSS ALPHA	Findings:	4.000	PCI/L
12/05/1996 GROSS ALPHA COUNTING ERROR	Findings:	2.000	PCI/L
12/05/1996 RADIUM 226 COUNTING ERROR	Findings:	1.000	PCI/L
12/05/1996 URANIUM	Findings:	4.000	PCI/L
12/05/1996 URANIUM COUNTING ERROR	Findings:	2.000	PCI/L
03/24/1997 NITRATE (AS NO3)	Findings:	8.400	MG/L
03/24/1997 GROSS ALPHA	Findings:	3.000	PCI/L
03/24/1997 GROSS ALPHA COUNTING ERROR	Findings:	2.000	PCI/L
03/24/1997 URANIUM	Findings:	5.000	PCI/L
03/24/1997 URANIUM COUNTING ERROR	Findings:	2.000	PCI/L
10/10/1997 GROSS ALPHA	Findings:	5.000	PCI/L
10/10/1997 GROSS ALPHA COUNTING ERROR	Findings:	2.000	PCI/L
10/10/1997 URANIUM	Findings:	8.000	PCI/L
10/10/1997	Findings:	3.000	PCI/L

URANIUM COUNTING ERROR

### 25 NNE

1/2 - 1 Mile Lower

> Agency cd: Site name: Latitude:

Longitude: Dec Ion: Coor accr: Dec lationg datum:

State:

Country:

Location map: Altitude: Altitude accuracy: Hydrologic: Topographic: Site type: Date inventoried: FED USGS USGS3135675

USGS	Site no:	340302117195301
001S004W30R001S		
340302		
1171953	Dec lat:	34.05056896
-117.33226627	Coor meth:	М
S	Latlong datum:	NAD27
NAD83	District:	06
06	County:	071
US	Land net:	Not Reported
Not Reported	Map scale:	Not Reported
903.00	Altitude method:	M
10	Altitude datum:	NGVD29
Santa Ana, California, Area = 16	80 sq.mi.	
Not Reported		
Ground-water other than Spring	Date construction:	19580101
Not Reported	Mean greenwich time offset:	PST

Local standard time flag: Y Type of ground water site: Single well, other than collector or Ranney type Aquifer Type: Not Reported Aquifer: Not Reported Well depth: 107 Source of depth data: Not Reported Not Reported Real time data flag: Daily flow data end date: Not Reported Peak flow data begin date: Not Reported Peak flow data count: Not Reported Water quality data end date:Not Reported Ground water data begin date: Not Reported Ground water data count: Not Reported

Hole depth:119Project number:Not ReportedDaily flow data begin date:Not ReportedDaily flow data count:Not ReportedPeak flow data end date:Not ReportedWater quality data begin date:Not ReportedWater quality data count:Not ReportedGround water data end date:Not Reported

Ground-water levels, Number of Measurements: 0

### AREA RADON INFORMATION

### State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
—			<u> </u>
92324	7	0	0.00

### Federal EPA Radon Zone for SAN BERNARDINO 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 Zip Code: 92324

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L	
Living Area - 1st Floor	0.000 pCi/L	100%	0%	0%	
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported	
Basement	Not Reported	Not Reported	Not Reported	Not Reported	

### **TOPOGRAPHIC INFORMATION**

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

Source: United States Geologic Survey

EDR acquired the USGS 7.5<sup>-</sup> 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 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

**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 Oit and Gas Well Locations for District 2, 3, 5 and 6 Source: Department of Conservation Telephone: 916-323-1779

#### RADON

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

**Area Radon Information** 

Source: USGS

Telephone: 703-356-4020

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

### **EPA Radon Zones**

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

#### OTHER

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

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

**California Earthquake Fault Lines:** The fault lines displayed on EDR's Topographic map are digitized quatemary 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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"Linking Technology with Tradition"®

# Sanborn® Map Report

	Ship To:	Zach Freem	an	Order	Date:	3/28/20	06	Completion Date:	3/28/2006
łi		Leighton A	ssociates	Inquiry	y #:	164350	5.3		
11		10532 Acad	ia Street	P.O. #:	:	NA			
łż		Rancho Cuo	camonga, CA	Site Na	ame:	Litton A	Ave a	and Bostick Ave	
[`					Addr	ess:	Litt	on Ave/Bostick Ave	
L in	Customer	Project:	NA		City/	State:	Col	ton, CA 92324	
[]	1083881BA	R	909-484-2205		Cros	s Stree	ets:		
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			NO	COVE	RAG	E			
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	This Report contai	ns certain informati	on obtained from a variety of nublic and other so	UICES reason	ably availa	ble to Finite	nment	al Data Resources. Inc. It cannot	be concluded from this
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### The EDR-City Directory Abstract

Litton Ave and Bostick Ave Litton Ave/Bostick Ave Colton, CA 92324

Inquiry Number: 1643505.6

Latitude = 34.0373 Longitude = 117.338

Wednesday, March 29, 2006

### The Standard in Environmental Risk Management 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

### **City Directory Abstract**

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. The city directory is a sophisticated tool for locating individuals and businesses. With each address, the directory lists the name of the corresponding occupant.

#### References

To meet the prior use requirements of ASTME 1527-05, Section 8.3.2, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTME 1527-05, Section 8.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. ASTME 1527-05 requires "All obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary and both reasonably ascertainable and likely to be useful." (ASTM E 1527-05, Section 8.3.2) Reasonably ascertainable means information that is publicly available, obtainable from a source within reasonable time and cost constraints, and practically reviewable.

EPA's Standards and Practices for All Appropriate Inquiries (AAI), Section § 312.24, identifies the historical sources of information necessary to achieve the objectives and performance factors of § 312.20. According to AAI, "historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

#### Data Gaps

In order to address data gaps, additional sources of information may be consulted. According the AAI, Section § 312.20 (g), "to the extent there are data gaps (as defined in § 312.10) in the information developed...that affect the ability of persons (including the environmental professional) conducting the all appropriate inquiries to identify conditions indicative of releases or threatened releases...such persons should identify such data gaps, identify the sources of information consulted to address such data gaps, and comment upon the significance of such data gaps." According to ASTME 1527-05, Section 8.3.2.3, "historical research is complete when either. (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met....If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for their exclusion."

Thank you for your business.

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

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### SUMMARY

### • City Directories:

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2003. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/8th of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources: Mar 29, 2006

Target Property: Litton Ave/Bostick Ave Colton, CA 92324

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<u>Year</u>	Uses	Source
1922	Address Not Listed in Research Source	Los Angeles Directory Co Publisher
1923	Address Not Listed in Research Source	Los Angeles Directory Company
1926	Address Not Listed in Research Source	Los Angeles Directory Company
1930	Address Not Listed in Research Source	San Bernardino Directory Co.
1931	Address Not Listed in Research Source	Los Angeles Directory Co.
1934	Address Not Listed in Research Source	Los Angeles Directory Co.
1936	Address Not Listed in Research Source	San Bernardino Directory Co.
1938	Address Not Listed in Research Source	Los Angeles Directory Co.
1940	Address Not Listed in Research Source	Los Angeles Directroy Co Publisher
1941	Address Not Listed in Research Source	Associated Telephone Company Limited
1942	Address Not Listed in Research Source	San Bernardino Directory Co.
1945	Address Not Listed in Research Source	Southern California Telephone Company
1946	Address Not Listed in Research Source	Los Angeles Directory Company Publishers
1949	Address Not Listed in Research Source	San Bernardino Directory Co. Publishers
1950	Address Not Listed in Research Source	The Pacific Telephone and Telegraph Co

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<u>Year</u>	<u>Uses</u>	Source
1951	Address Not Listed in Research Source	Los Angeles Directory Company Publishers
1955	Address Not Listed in Research Source	The Pacific Telephone and Telegraph Co
1956	Address Not Listed in Research Source	General Telephone Company Publishers
1960	Address Not Listed in Research Source	Luskey Brothers & Co Publishers
1961	Address Not Listed in Research Source	Luskey Brothers& Co Publishers
1964	Address Not Listed in Research Source	Luskey Brothers & Co
1965	Address Not Listed in Research Source	GTE
1970	Address Not Listed in Research Source	General Telephone Company of California
1975	Address Not Listed in Research Source	General Telephone Company of California
1980	Address Not Listed in Research Source	GTE General Telephone Company of California
1981	Address Not Listed in Research Source	General Telephone Company of California
1985	Address Not Listed in Research Source	GTE
1990	Address Not Listed in Research Source	GTE California Incorporated
1991	Address Not Listed in Research Source	GTE California Incorporated
1995	Address Not Listed in Research Source	GTE Directories
1996	Address Not Listed in Research Source	GTE
2002	Address Not Listed in Research Source	SBC PACFIC BELL
2003	Address Not Listed in Research Source	Haines & Co Publishers

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### Adjoining Properties

### SURROUNDING

Multiple Addresses Colton, CA 92324

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<u>Year</u>	Uses	<u>Source</u>
1922	Address Not Listed in Research Source	Los Angeles Directory Co Publisher
1923	Address Not Listed in Research Source	Los Angeles Directory Company
1926	Address Not Listed in Research Source	Los Angeles Directory Company
1930	Address Not Listed in Research Source	San Bernardino Directory Co.
1931	Address Not Listed in Research Source	Los Angeles Directory Co.
1934	Address Not Listed in Research Source	Los Angeles Directory Co.
1936	Address Not Listed in Research Source	San Bernardino Directory Co.
1938	Address Not Listed in Research Source	Los Angeles Directory Co.
1940	Address Not Listed in Research Source	Los Angeles Directroy Co Rublisher
1941	Address Not Listed in Research Source	Associated Telephone Company Limited
1942	Address Not Listed in Research Source	San Bernardino Directory Co.
1945	Address Not Listed in Research Source	Southern California Telephone Company
1946	Address Not Listed in Research Source	Los Angeles Directory Company Publishers
1949	Address Not Listed in Research Source	San Bernardino Directory Co. Publishers
1950	Address Not Listed in Research Source	The Pacific Telephone and Telegraph Co
1951	Address Not Listed in Research Source	Los Angeles Directory Company Publishers

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<u>Year</u>	<u>Uses</u>	Source
1955	Address Not Listed in Research Source	The Pacific Telephone and Telegraph Co
1956	Address Not Listed in Research Source	General Telephone Company Publishers
1960	Address Not Listed in Research Source	Luskey Brothers & Co Publishers
1961	Address Not Listed in Research Source	Luskey Brothers& Co Publishers
1964	Address Not Listed in Research Source	Luskey Brothers & Co
1965	Address Not Listed in Research Source	GTE
1970	**DELLA LN**	General Telephone Company of California
	ACOSTA PHILLP D (11800)	
	TERRACE VIEW DR	General Telephone Company of California
	STEVENSON BURTON (11770)	
1975	**TERRACE VIEW DR**	General Telephone Company of California
	STEVENSON BURTON (11770)	
1980	Address Not Listed in Research Source	GTE General Telephone Company of California
1981	Address Not Listed in Research Source	General Telephone Company of California
1985	Address Not Listed in Research Source	GTE
1990	Address Not Listed in Research Source	GTE California Incorporated
1991	**CORDOVA AVE**	GTE California Incorporated
	SHIFFLETT JAMES (1913)	
	SCARBORO W (1923)	
	**DELLA LN**	GTE California Incorporated
	OESTERBLAD MARSHALL D (11897)	
	-LITTON AVE-	GTE California Incorporated
	KNICKERBOCKER LESTER E (21272)	
	**TERRACE VIEW DR**	GTE California Incorporated
	STEVENSON BURTON (11770)	

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<u>Year</u> 1991 (*	Uses continued	Source
	**BOSTICK AV E**	GTE California Incorporated
	WATERMAN FRANCIS C (2170)	
	BALLOU ROBT (2171)	
	DOCTOR COMPLAINTS SEE GOVERNMENT LISTINGS UNDER CALFORNIA S (2180)	
	DPURE ALVERNA SBDO (2180)	
	DR HYDRO SEED (2180)	
	OR HYDRO SEED (2180)	
	RUSSELL JOHN (2180)	
1995	Address Not Listed in Research Source	GTE Directories
1996	Address Not Listed in Research Source	GTE
2002	**CORDOVA AVE*	SBC PACIFIC BELL
	GABRIEL OLIVIA (1922)	
	**DELLA LN**	SBC PACIFIC BELL
	MENDOCHA JOHN (11800)	
	MENDOCHA JOHN (11800)	
	OESTERBLAD MARSHALL D (11807)	
	CARRILLO CAULKING (11840)	
	COATINGS (11840)	
	**BOSTICK AVE*	SBC PACIFIC BELL
	YAMANUHA HAROLD (2170)	
2003	**CORDOVA AVE**	Haines & Co Publishers
	WEALTH CODE (1933)	
	X CARMODY (1933)	
	**CORDOVA**	Haines & Co Publishers
	LANDEROS DENISE (1903)	
	RAMIREZNICOLE (1913)	
	GABREL OLMA (1922)	
	EDMOND SAMNUEL 00 A (1923)	
	LORDLARRY 00 B (1932)	
	MERCADO STEVEN (1933)	
		Unines & Co Dublishers
		rightes a co rubustiers

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<u>Year</u> 2003 (	<u>Uses</u> (continued) MENDOCHA JOHN (11800)	Source
	OESTERBLAD MARSHALL D (11807)	
	WILLHIDE MICHAEL (11823)	
	CARRILLOALBER (11840)	
	KERKMARGO (11850)	
		Haines & Co Publishers
	KNICKERBOCKE L (21272)	
	**TERRACE VIEW DR**	Haines & Co Publishers
	WHITAKER LOMA (11754)	
	WLCOXEN KEVIN (11770)	
	WORTHAM MAXINE (11795)	
	X LITTON AV W (11795)	
	**TERRACE VIEW RD**	Haines & Co Publishers
	WEALTH CODE (11795)	
	**BOSTICK AV P**	Haines & Co Publishers
	WELLINGTON THOMAS (2170)	
	YAMANUHA HARO (2170)	
	ALBACHTEN ANTHONY (2171)	
	PEREZPEDRO (2180)	
	EARD DANIEL (2181)	
	PAULJOHN 00 C (11585)	
	OTILLEY ROBERT (11730)	
	3 ZARAGOZA MICAELA 00 0 C (11746)	

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- Appendix G Assessor's Map

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### Appendix I – Important Information About Your Geoenvironmental Report



## The EDR Environmental Lien Search Report

### LITTON AVENUE/BOSTICK AVENUE COLTON, CALIFORNIA

Monday, April 03, 2006

Project Number: L06-1420

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

### LITTON AVENUE/BOSTICK AVENUE COLTON, CALIFORNIA

### DEED INFORMATION

Type of Deed: WD 🗌 QCD 🛛 Other 🗌 DEED

Title is vested in: W&P La Loma Hills, Inc., a California Corporation

Title received from: William J. West and Helen W. West

Deed Dated: 12-22-1988 Deed Recorded: 05-23-1989 Instrument: 89-185400

#### LEGAL DESCRIPTION

Description: All that certain piece or parcel of land being a portion of Lot 11, Rosedale Tract, as per map recorded in Book 12 of Maps, Page 41 and a portion of Section 31, Township 1 South, Range 4 West, and a portion of Section 36, Township 1 South, Range 5 West, lying and situate in the City of Colton, County of San Bernardino, State of California.

Assessor's Parcel Numbers: 0275-081-01-0000 and 0275-081-02-0000

### ENVIRONMENTAL LIEN

				5.0
Environmental	l ien	Yes	No	IXI
Livitoinnentai	LIGH.	100	 	<u> </u>

If yes:

1<sup>st</sup> Party:

2<sup>nd</sup> Party:

Dated:
Recorded:
Book:
Page:
Comments:

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

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# Leighton and Associates, Inc.

March 28, 2006

California Regional Water Quality Control Board 3737 Main St., Suite 500 Riverside, CA 92501

Attention: Laura Gallardo

VIA FACSIMILE: (213) 576-6625

Subject: File Review

Leighton Consulting, Inc. (Leighton Consulting) is requesting information for the properties located at the southwest corner of Litton Avenue and Bostick Avenue, Colton Ca 92324 (APN 0275-081-01). We are requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmental sensitive spills, responses or concerns. Thank you for your assistance.

Sincerely,

LEIGHTON AND ASSOCIATES.

プ 1PM

Zach Freeman Staff Geologist (909) 484-2205 xt. 120

## LEIGHTON CONSULTING, INC.

	Distribution: Author: Z. Freeman
	Project Title: Mc Khann West Property Project No. 021906-002
[]	TELEPHONE CONVERSATION RECORD
	Company: <u>RWQCB</u> Telephone No
E ·	Contact: Dawn Johnson
	Purpose: File Review
	Comments: RWQCB 15 unable to research sites without
	a physical/numerical address.
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	REQUEST F	FOR R	ECORDS RESEAR	CH			
					Г	For O	flice Use Only
					1	Reference No	.:
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z						Dessist No.	
This request is being faxed or e-maile	d. The original form will be mail	led on _03	3_/_29_/_2006 along with	. 74.00		Receipt No	
a check or money order made payab	le to San Bernardino County Fire	Departme	ent for the amount of:	\$ <u>71.00</u>	-L	Date	
		SITE I	NFORMATION		an mark	ANA AVALAN	In State of State of State
acility Name / Owner Name	Site Address	100 10 10 10 10 10 10 10 10 10 10 10 10			City/Co	mmunity	
20 Acre Site	Southwest Corner	of Litto	on Avenue and Bostick	Avenue	Coltor	1	
	SPEC		CORDS REQUESTED	or Heldestream the	Australi		NAL AND IN SOME
Record Type	Dates		Record 1	Гуре		1.1.2.1.1.1.1	Dates
ALL RECORDS							
Active Permit Records	To	[	Risk Management Plan	(RMP)/ CalARP	21-0		To
Hazardous Waste Generator	To	l	Underground Storage T	and Removal Re	cords		- 10
Hazardous Materials Handler	To		Site Remediation	and the second star inte	00103		To
Underground Storage Tank	То		Hazmat Incident/Emerg	ency Response			То
Aboveground Storage Tank	To						To
dress range (125-135 E. Main St.), TE: To obtain records informati	<ol> <li>If no site address exists, p street corner (NW Corner M on for sites within the City</li> </ol>	fiease pr fain St. & of Victo	Elm Ave.), legal descriptor ville, contact the Victor	ation information tion (Township, F ville City Fire De	, such a Range, S partme	is an Asses Section), and int at (760) !	sor's Parcel Nui d/or a map. 955-5229.
	RE	QUEST	OR INFORMATION				
AME	TITLE (If in	ndividual, lea	ave blank)	COMPANY (If individ	tual, leave	blank)	
ach Freeman	Staff G	Seologis	st	Leighton and	d Asso	ciates	
AILING ADDRESS		CITY				STATE	ZIP CODE
0532 Acacia Street Suite	B-6	Colto	n			Ca	91730
ELEPHONE	FAX	1	EMAIL ADDRESS				
09-484-2205	909-484-2170		zfreeman@leightonco	onsulting.com			
	Contraction of the second s	PURPOS	SE OF REQUEST				
1. Phase I site assessment or due	diligence AT THE SITE		7. Owner	or operator of the	above	facility or pro	operty
2 Environmental consultant or en	gineer involved with remediat	tion AT T	"HE SITE 🗌 8. Genera	interest/Commu	nity awa	areness	
] 3. Phase I site assessment or due	diligence NEARBY		9. Potentia	al buyer			
4. Environmental consultant or en	gineer involved with remediat	tion NEA	RBY 10. Real Es	tate Agent, Lend	er, App	raiser	
5. Proposed School Site			11. Legal reasons				
S. Proposed School Site     In Legal reasons			12. Other:				
6. Proposed Drinking Water Well	SUBMITTED WITH THIS R	EQUEST	T. A SEPARATE REQUES	T MUST BE MA	DE FOI	R EACH SIT	E.
6. Proposed Drinking Water Well PAYMENT OF \$71.00 MUST BE		form m	ust be mailed or delivere (any request received af	d in person with ter 5:00 PM will	the ap be logg origina	propriate p ed in on th I form with	ayment. Your e following the fee by sepa
6. Proposed Drinking Water Well PAYMENT OF \$71.00 MUST BE This form can be faxed or e-mail faxed or e-mailed request will business morning). Check the mail. PLEASE NOTE THAT TH	alled. However, the original be logged at the time it is re box in the upper left corne IE SEARCH WILL NOT BEG	eceived er of this GIN UNT	form to indicate that yo IL PAYMENT IS RECEIVE	u have sent the ED.			
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## OUNTY FIRE DEPARTMENT

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COUNTY OF SAN BERNARDINO PUBLIC AND SUPPORT SERVICES GROUP

\*FFICE OF THE FIRE MARSHAL AZARDOUS MATERIALS DIVISION v20 South "E" Street • San Bernardino, CA 92415-0153 (909) 386-8401 • Fax (909) 386-8460



PETER R. HILLS Fire Chief County Fire Warden



April 7, 2006

Leighton Consulting, Inc. 10532 Acacia St., Suite B-6 Rancho Cucamonga CA 91730

ATTENTION: Zach Freeman, Staff Geologist

SUBJECT: REQUEST FOR RECORDS INFORMATION

### RE: Assessor Parcel No. 0275-081-01, -02 SWC Litton and Bostick Colton, California

This is to confirm that the Hazardous Materials Division has searched its records for any file(s) pertaining to the subject property, as described in your request, and finds <u>no</u> <u>records</u> maintained in this office by the above site description(s).

Records searched include permit database systems for facilities with permits as hazardous waste generators, hazardous materials handlers, and/or underground storage tanks, including inactive and/or out of business records; logs of permits issued for the removal and/or installation of underground storage tanks; records and databases pertaining to illicit dumping and releases; records of non-permitted facilities; sites undergoing remediation for contaminated soil and/or groundwater; and incidents responded to by the hazardous materials emergency response team.

FLIZABETH A. KING

Environmental Specialist II OFM/Hazardous Materials Division eking@sbcfire.org (909) 386-8468 (909) 386-8460 fax

MARK H. UFFER County Administrative Officer

NORMAN A. KANOLD Assistant County Administrator Public and Support Services Group



### Leighton and Associates.

### A LEIGHTON GROUP COMPANY

The attached documents may contain confidential information. This information is intended solely for use by the individual or entity named as the "Recipient" below. If you are not the intended recipient, be aware that any disclosure, copying, distribution, or use of the contents of this transmission is prohibited. If you have received this transmission in error, please immediately notify us by telephone so we may arrange to retrieve this transmission at no cost to you.

Date:	March 28, 2006	Project #:	021906-002	
Recipient:	Ms. Julie Johnson			
Company:	Department of Toxic Substances Control			
Fax Number:	(714) 484-5318			
Sender:	Zach Freeman			
Subject:	File Review			

Dear Ms. Johnson,

File Review Request for Hazardous Materials, Substances or Waste at or within the Vicinity of the southwest corner of Bostick Avenue and Litton Avenue (APN 0275-081-01) Colton, Ca

If you have any questions please give me a call at (909) 484-2205 x 120.

team

Zach Freeman Staff Geologist

Total number of pages		
(including cover sheet):	1	

Original will \_\_\_\_\_ / will not \_X\_\_\_ follow

10532 Acacia Street, Suite B-6 Rancho Cucamonga, CA 91730 909.484.2205 FAX 909.484.2170
 www.leightonconsulting.com





**Department of Toxic Substances Control** 

Maureen F. Gorsen, Director 5796 Corporate Avenue Cypress, California 90630 LEIGHTON MAR 3 1 2006

Arnold Schwarzenegger Governor

1

Alan C. Lloyd, Ph.D. Agency Secretary Cal/EPA

March 30, 2006

Mr. Zach Freeman Staff Geologist Leighton and Associates 10532 Acacia Street, Suite B-6 Rancho Cucamonga, California 91730

SW CORNER OF BOSTICK AVENUE AND LITTON AVENUE (APN 0275-081-01) COLTON, CALIFORNIA PR#40329062

Dear Mr. Freeman:

The Department of Toxic Substances Control has received your letter to review Records under the Public Records Act.

After a thorough review of our files we have found that no such records exist at this office pertaining to the site/facility referenced above.

If you have any questions or would like further information regarding your request, please contact our Regional Records Coordinators at (714) 484-5337.

Sincerely,

hallness

Sofia Olmedo Regional Records Coordinator

brm



## Leighton and Associates, Inc.

March 28, 2006

Ms. Jone Barrio Department of Toxic Substances Control 1011 North Grandview Avenue Glendale, CA 91201 VIA FACSIMILE: (818) 551-2976

Subject: <u>File Review</u>

Dear Ms. Barrio:

Leighton and Associates (Leighton) is requesting information for the property located at the southwest corner of Litton Avenue and Bostick Avenue, Colton Ca 92324 (APN 0275-081-01). We are requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmental sensitive spills, responses or concerns. Thank you for your assistance.

Thank you very much for your time and assistance. Please contact Zach Freeman at (909) 484-2205 or send an email to zfreeman@leightonconsulting.com if you have any questions or need additional information.

Sincerely,

Leighton and Associates.

Ulu

Zach Freeman Staff Geologist (909) 484-2205

Attachments: Site Map and Parcel Map




**Department of Toxic Substances Control** 



Arnold Schwarzenegger

Governor

Alan C. Lloyd, Ph.D. Agency Secretary Cal/EPA Maureen F. Gorsen, Director 1011 North Grandview Avenue Glendale, California 91201-2205 LEIGHTON



March 29, 2006

Mr. Zach Pilzer Leighton Consulting, Inc. 10532 Acacia Street, Suite B-6 Rancho Cucamonga, CA 91730

Southwest corner of Litton Avenue and Bostick Avenue, Colton, CA 92324 PR30329069

Dear Mr. Pilzer:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control.

After a thorough review of our files we have found that no such records exist at this office pertaining to the site/facility referenced above.

If you have any questions or would like further information regarding your request, please contact me at (818) 551-2886.

Sincerely,

Johe Barrio Regional Records Coordinator



# Important Information About Your Geoenvironmental Report

Geoenvironmental studies are commissioned to gain information about environmental conditions on and beneath the surface of a site. The more comprehensive the study, the more reliable the assessment is likely to be. But remember: Any such assessment is to a greater or lesser extent based on professional opinions about conditions that cannot be seen or tested. Accordingly, no matter how many data are developed, risks created by unanticipated conditions will always remain. *Have realistic expectations*. Work with your geoenvironmental consultant to manage known and unknown risks. Part of that process should already have been accomplished, through the risk allocation provisions you and your geoenvironmental professional discussed and included in your contract's general terms and conditions. This document is intended to explain some of the concepts that may be included in your agreement, and to pass along information and suggestions to help you manage your risk.

# Beware of Change; Keep Your Geoenvironmental Professional Advised

The design of a geoenvironmental study considers a variety of factors that are subject to change. Changes can undermine the applicability of a report's findings, conclusions, and recommendations. *Advise your geoenvironmental professional about any changes you become aware of.* Geoenvironmental professionals cannot accept responsibility or liability for problems that occur because a report fails to consider conditions that did not exist when the study was designed. Ask your geoenvironmental professional about the types of changes you should be particularly alert to. Some of the most common include:

- modification of the proposed development or ownership group,
- sale or other property transfer,
- replacement of or additions to the financing entity,
- amendment of existing regulations or introduction of new ones, or
- changes in the use or condition of adjacent property.

Should you become aware of any change, *do not rely on a geoenvi*ronmental report. Advise your geoenvironmental professional immediately; follow the professional's advice.

#### **Recognize the Impact of Time**

A geoenvironmental professional's findings, recommendations, and conclusions cannot remain valid indefinitely. The more time that passes, the more likely it is that important latent changes will occur. *Do not rely on a geoenvironmental report if too much time has elapsed since it was completed.* Ask your environmental professional to define "too much time." In the case of Phase I Environmental Site Assessments (ESAs), for example, more than 180 days after submission is generally considered "too much."

#### Prepare To Deal with Unanticipated Conditions

The findings, recommendations, and conclusions of a Phase I ESA report typically are based on a review of historical information, interviews, a site "walkover," and other forms of noninvasive research. When site subsurface conditions are not sampled in any way, the risk of unanticipated conditions is higher than it would otherwise be.

While borings, installation of monitoring wells, and similar invasive test methods can help reduce the risk of unanticipated conditions, *do not overvalue the effectiveness of testing*. Testing provides information about actual conditions only at the precise locations where samples are taken, and only when they are taken. Your geoenvironmental professional has applied that specific information to develop a general opinion about environmental conditions. *Actual conditions in areas not sampled may differ (sometimes sharply) from those predicted in a report.* For example, a site may contain an unregistered underground storage tank that shows no surface trace of its existence. *Even conditions in areas that were tested can change*, sometimes suddenly, due to any number of events, not the least of which include occurrences at

# LIMITED PHASE II SOIL SAMPLING REPORT, SOUTHWEST CORNER OF LITTON AVENUE AND BOSTICK AVENUE, COLTON, CALIFORNIA

Prepared for:

# SCOTT MCKHANN

1448 Andalusian Drive Norco, California 92860

Project No. 021906-003

April 25, 2006



Leighton and Associates, Inc.

A LEIGHTON GROUP COMPANY



# Leighton and Associates, Inc.

April 24, 2006

Project No. 021906-003

To:	Scott McKhann
	1448 Andalusian Drive
	Norco, California 92860

Attention: Mr. Scott McKhann

Subject: Limited Phase II Soil Sampling Report, Southwest Corner of Litton Avenue and Bostick Avenue, Colton, California

Reference: Leighton and Associates, Inc., 2006, Phase I Environmental Site Assessment Report, Southwest Corner of Litton Avenue and Bostick Avenue, Colton, California, dated April 25, 2006

# **Introduction**

Leighton and Associates, Inc. (Leighton and Associates) is pleased to present this report summarizing Limited Phase II soil sampling investigation conducted Southwest Corner of Litton Avenue and Bostick Avenue, Colton, California (Figure 1).

During the Phase I Environmental Site Assessment (ESA), documents showed that the site was historically used as part of an orchard during the 1930's through the 1960's (Leighton and Associates, 2006).

The work included the advancement of five hand auger borings and the collection of ten soil samples, to evaluate the surface soils on the site for total petroleum hydrocarbons (TPH), organochlorine pesticides (OCPs), polynuclear aromatic hydrocarbons (PAHs), and California Code of Regulations (CCR) Title 22 Metals. Results of the laboratory analyses are summarized in Table 1.

# <u>Soil Borings</u>

On April 6, 2006, Leighton and Associates personnel performed field activities including advancement of five exploratory soil borings, designated B-1 through B-5, in selected areas throughout the Site. Locations of the borings are shown on Figure 2. Prior to the borings, Underground Service Alert of Southern California was contacted to mark underground utilities in the area. The boring locations were selected in areas of the Site that were previously associated with orchard activities conducted the Site, identified in aerial photographs (Leighton and Associates, 2006). The borings to a depth of (bgs) to 2.5-feet below round surface (bgs). The soil borings were advanced utilizing a 3-inch diameter hand auger.

# Soil Sampling

Soil samples were collected B-1 through B-5 at 0.5- and 2.5-feet bgs using a slide hammer equipped with a 2-inch diameter brass sleeve within the sampler. The soil samples were transported to Enviro-Chem, Inc. Laboratories in Pomona, California.

Sampling equipment was decontaminated between boreholes by washing in a detergent solution and water, rinsing with de-ionized water, and final rinsing with de-ionized water.

# Soil Description

Soils encountered in borings B-2, B-3, and B-5 were predominantly a moist brown sandy silt, with no evidence of staining or odors, at both 0.5-feet bgs and 2.5-feet bgs. Soils encountered in Borings B-1 and B-4 were predominantly a moist brown fine to medium grained sand, with no evidence of staining or odors, at both 0.5-feet bgs and 2.5-feet bgs.

# Laboratory Analysis

The 0.5-foot bgs samples were analyzed for organochlorine pesticides (OCPs) by EPA Method 8081A, the full range of total petroleum hydrocarbons by EPA Method 8015M, for polynuclear aromatic hydrocarbons (PAHs) by EPA Method 8310, and for California Code of Regulations (CCR) Title 22 Metals by EPA Methods 6010B and 7141A. The 2.5-foot bgs samples were frozen for future analysis if necessary.

# Soil Sample Laboratory Results

None of the soil samples analyzed had detectable concentrations of OCPs or PAHs. Three samples, (B-1-0.5, B-3-0.5, and B-5-0.5), had detectable concentrations of heavy-end hydrocarbons (C22-C35) of 50.8 milligrams per kilogram (mg/kg), 40.8J mg/kg, and 48.4J



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Leighton

mg/kg. (J flags indicate trace concentrations which fall between the method detection limit and the practical quantitation limit.)

The soil samples analyzed had detectable limits of some CAM 17 Metals. However, the maximum detectable concentration for each metal was below the Preliminary Remediation Goal (PRG) published by the EPA, with the exception of arsenic. Three of the soil samples analyzed had detectable levels of Arsenic which exceeded the California Modified PRG. However, the maximum detectable concentration for arsenic on the Site was 1.54 mg/kg (detected in soil sample B-5-0.5) is less than the average background concentrations of arsenic found in California of 3.5 mg/kg, according to the *Kearney Foundations Special Report on Background Concentrations of Trace and Major Elements in California Soils*, published in March of 1996. Copies of the laboratory analytical reports and chain-of-custody documentation are included in Appendix A.

### **Disposal Activities**

Soil cuttings were used as backfill for the borings. Decontamination water generated during this subsurface investigation was disposed of at the Site.

### **Conclusions**

Based on the analytical results, it is Leighton and Associates opinion that the Site has not been significantly impacted by the use of pesticides on the Site. The presence of trace amounts of heavy-end hydrocarbons on the Site appear to indicate that smudge pots may have been utilized on the Site. However, based on the low detectable amounts of hydrocarbons, the absence of detectable PAHs, the potential for significant impact of the Site from smudge pots is considered to be low.

In the event that, during grading operations, stained, discolored, or odorous soils are encountered, those soils should be segregated from other soils on the Site, appropriately characterized, and disposed of according to local, State, and Federal regulations.



If you have any questions regarding our report, please contact this office. We appreciate this opportunity to be of service.

Respectfully submitted,

LEIGHTON AND ASSOCIATES, INC.

PHILIP L. GILCHRIST Senior Staff Scientist

ANTHONY M. CHAKURIAN, PG Project Geologist

PLG/AMC/rsh

 Attachments:
 Figure 1 - Site Location Map

 Figure 2 - Boring Location Map

 Table 1 - Soil Boring Sample Results

 Appendix A – Laboratory Analytical Data and Chain-of-Custody Documentation

 Appendix B – Important Information About Your Geoenvironmental Report

Distribution: (3) Addressee



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021906-003

#### TABLE 1 SOIL BORING SAMPLE RESULTS 20-Acre West Property Southwest Corner of Litton Avenue and Bostick Avenue Colton, California

#### SUMMARY OF TOTAL PETROLEUM HYDROCARBONS

Sample # (depth in feet)	Sample Date	C4-C12 (mg/kg)	C12-C22 (mg/kg)	C22-C35 (mg/kg)
B-1-0.5	4/6/2006	<5.0	<5,0	50.8
B-2-0.5	4/6/2006	<5.0	<5.0	<25.0
B-3-0.5	4/6/2006	<5.0	<5.0	40.8J
B-4-0.5	4/6/2006	<5.0	<5.0	<25.0
B-5-0.5	4/6/2006	<5.0	<5.0	48.4J

#### SUMMARY OF CCR TITLE 22 METALS

Sample #	Sample	Antimony	Arsenic	Barium	Bergfliunt	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zioc
(depth in feet)	Date	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
B-1-0.5	4/6/2006	<0.250	<0.248	90.50	< 0180	<0.119	14,10	4.64	15.50	9.21	<0.0062	<0.274	9.91	< 0.234	<0.414	*0.432	33,00	49.40
B-2-0.5	4/6/2006	<0.250	1.19	84.30	<,0180	<0.119	13.90	4.54	14.70	9.15	<0.0062	<0.274	9.65	<0.234	<0.414	<0,432	32.20	48.80
B-3-0.5	4/6/2006	<0.250	0.829	74.40	< 0180	<0.119	12.70	4.04	26.00	10.90	<0.0062	<0.274	8,90	< 0.234	<0.414	<0.432	28,90	53,50
B-4-0.5	4/6/2006	<0.250	<0.248	57.90	< 0180	<0.119	3 38	2 31	10.00	1.79	<0.0062	<0.274	2.25	< 0.234	<0.414	< 0:432	16.40	22.60
8-5-0.5	4/6/2006	<0.250	1.54	104.00	<.0180	<0119	12.80	4.47	13.80	8.16	<0.0062	<0.274	8.73	< 0.234	<0.414	<0.432	30.10	45.90
Average Bachground Metal Data - From the Kear Average Kearney Background Concetrations	ney Backgrou	nd Study 0.60	3.50	509.0	1.28	0.36	122.00	14,90	29.70	48.50	0.26	1 30	57.00	0.058	0,80	4716.00	112.0	149.0
Average Kearney Background Concetrations	_	0,60	3.50	509,0	1.28	0.36	122.00	14,90	29.70	48.50	0.26	1 30	57.00	0.058	0.80	4716.00	112.0	149.0
Maximum Site Samole Concentratio	n	0.00	1.54	104.00	0.00	0.00	14,10	4.64	26.00	10.90	0.00	0.00	9.91	0.00	0.00	0.00	33.00	53.50
Average Site Sample Concentration		0.00	1.186	87.22	0.00	0.00	11.376	4.00	16.00	7.842	0.00	0.00	7.888	0.00	0.00	0.00	28.12	11.04
Average Site Background Concentrari		0.60	1.50	509.00	1.28	0.36	122.00	14.90	29.70	48.50	0.26	1.30	57.00	0.058	0.50	4716.00	112.00	149.00
Residential PRGs		31	0.062*	5,400	150	37	210	900	3100.0	150*	23	390	1600.0	390	390	5.2	78	23,000

PRGs = Premliminary Remediation Goals

· = California Modified PRG

mg/kg = milligrams per kilogram

J = Trace concentration between MDL & PQL ug/L = microgram per liter

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: April 13, 2006

Mr. Tony Chakurian Leighton Consulting 10532 Acacia, Suite B-6 Rancho Cucamonga, CA 91730 Tel(909)484-2205 Fax(909)484-2170

Project: McKahn 20-Acre West Project No.: 021906-003 Lab I.D.: 060406-35 through -44

Dear Mr. Chakurian:

The **analytical results (except for 8310)** for the soil samples, received by our lab on April 6, 2006, are attached. All samples were received chilled, intact and with chain of custody record.

Trace concentrations between the MDL and the PQL have been reported with a "J" flag indicator.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtís Desilets Vice President/Program Manger

Jesse Tu, Ph.D. Laboratory Manager

# 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

#### LABORATORY REPORT

CUSTOMER: Leighton Consulting 10532 Acacia, Suite B-6 Rancho Cucamonga, CA 91730 Tel(909)484-2205 Fax(909)484-2170 PROJECT: McKahn 20 Acre West DROTECT No. 021006-003 DAME DECETUED. 04/06/06

REPORT TO: Mr. TONY CHAKURIAN	DATE REPORTED: 04/13/06
SAMPLING DATE: <u>04/06/06</u>	DATE ANALYZED: <u>04/07/06</u>
MATRIX: <u>SOIL</u>	DATE EXTRACTED: 04/07/06
PROJECT NO.: UZIGUO-UUS	DATE RECEIVED: <u>04706706</u>

# TOTAL PETROLEUM HYDROCARBONS(TPH) - CARBON CHAIN ANALYSIS

METHOD: LUFT/EPA 8015M

#### UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C4-C12	C12-C22	C22-C35	DF
B-1-0.5	060406-35	ND	ND	50.8	_1
B-2-0.5	060406-37	ND	ND	ND	1
B-3-0.5	060406-39	ND	ND	40.8J	1
B-4-0.5	060406-41	ND	ND	ND	1
B-5-0.5	060406-43	ND	ND	48.4J	1
METHOD BLANF	ζ	ND	<u>ND</u>	ND	1
	MDL	5	5	25	
	POL	10	10	50	

#### COMMENTS

C4-C12 = GASOLINE RANGE C12-C22 = DIESEL RANGE C22-C35 = MOTOR OIL RANGE DF = DILUTION FACTOR MDL = METHOD DETECTION LIMIT PQL = PRACTICAL QUANTITATION LIMIT J = TRACE CONCENTRATION BETWEEN MDL AND PQL ACTUAL DETECTION LIMIT = DF X PQL ND = NON-DETECTED OR BELOW THE ACTUML DETECTION LIMIT

Data Reviewed and Approved by:\_ CAL-DHS ELAP CERTIFICATE No.: 1555

214 E. L	exinaton /									
	<b>U</b>	Avenue,	Pomona,	CA 9176	66 Te	el (909)59(	0-5905	Fax (909)5	90-5907	
8015M Soil/Solid QC										
Analyze	d:	<u>4/7/200</u>	<u>6</u>				Units:	<u>mg/Kg (P</u>	<u>PM)</u>	
ix:	<u>Solid</u>	/Slud	ge							
Matrix Spike (MS)/Matrix Spike Duplicate (MSD)										
ed Samp	le Lab I.D	.:	06040	96-41						
e	SR	spk conc	MS	<u>%MS</u>	MSD	%MSD	%RPD	ACP %MS	ACP RPD	
STD REC /te 222 Range	OVERY: spk conc 200 Reviewe	LCS 178 d By:	% REC 89%	ACP 75-125						
	Analyzed ix: x Spike ( ed Samp 222 Range STD REC /22 Range //zed and Reviewe	Analyzed: x: Solid x Spike (MS)/Matr ed Sample Lab I.D SR 22 Range 0 STD RECOVERY: rte spk conc 22 Range 200 /zed and Reviewer Reviewer:	Analyzed: 4/7/200   ix: Solid/Slud   ix: Solid/Slud   x Spike (MS)/Matrix Spike I   ad Sample Lab I.D.:   ad Sample Lab I.D.:   ad Sample Lab I.D.:   ad Sample Lab I.D.:   strip Recover:   22 Range   200   178   /zed and Reviewed By:	8015N         Analyzed:       4/7/2006         x:       SOlid/Sludge         x Spike (MS)/Matrix Spike Duplicate         ad Sample Lab I.D.:       06040         a       SR       spk conc         22 Range       0       2500       2584         STD RECOVERY:         te       spk conc       LCS       % REC         22 Range       200       178       89%         /// Conc         // zed and Reviewed By:	Build Sold Sold         Analyzed:       4/7/2006         ix:       Solid/Sludge         x Spike (MS)/Matrix Spike Duplicate (MSD)         ad Sample Lab I.D.:       060406-41         a       SR       spk conc       MS       %MS         22 Range       0       2500       2584       103%         STD RECOVERY:       10       10       178       89%       75-125         yzed and Reviewed By:	Butsm Soil/Soil         Analyzed: <u>Aralyzed:</u> x: <u>Solid/Sludge</u> x Spike (MS)/Matrix Spike Duplicate (MSD)         ad Sample Lab I.D.: <u>D60406-41</u> <u>Stange 0 2500 2584 103% 2591</u> STD RECOVERY: <u>tange 200 178 89% 75-125</u> yzed and Reviewed By: <u>yzed and Reviewed By:</u>	Butstin Solid/Solid QC         Analyzed: <u>4/7/2006</u> Main       Solid/Sludge         x Spike (MS)/Matrix Spike Duplicate (MSD)         ad Sample Lab I.D.: <u>M60406-41</u> <u>122 Range 0 2500 2584 103% 2591 104%</u> STD RECOVERY: <u>122 Range 200 178 89% 75-125</u> yzed and Reviewed By: <u>W</u> Reviewer: <u>W</u>	Butsm Soli/Solid QC         Analyzed: <u>47/2006</u> x: <u>Solid/Sludge</u> x spike (MS)/Matrix Spike Duplicate (MSD)         ad Sample Lab I.D: <u>Matrix Spike Conc MS MMS MSD MMSD MMSD MMSD MMSD MMSD MM</u>	Suppose of the provided and the pr	

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# 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

#### LABORATORY REPORT

CUSTOMER:	Leighton Consulting	,	
	10532 Acacia, Suite	B-6	
	Rancho Cucamonga, C	A 91730	
	Tel(909)484-2205 Fa	x(909)484-217	70
PROJECT: M	icKahn 20 Acre West		
PROJECT No	.: 021906-003	DATE	RECEIVED: 04/06/06
MATRIX:SOT	L	DATE	$FXTRACTED \cdot 04 / 07 / 0$

MATRIX: SOILDATE EXTRACTED: 04/07/06SAMPLING DATE: 04/06/06DATE ANALYZED: 04/07/06REPORT TO: Mr. TONY CHAKURIANDATE REPORTED: 04/13/06

SAMPLE I.D.: **B-1-0.5** 

LAB I.D.: 060406-35

#### Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: Mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0001	1
beta-BHC	ND	0,001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0001	1
alpha-Chlordane	ND	0.001	0.0001	1
gamma-Chlordane	ND	0.001	0.0001	1
4,4'-DDD	ND	0.001	0.0001	1
4,4'-DDE	ND	0.001	0.0001	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0001	1
<u>Endosulfan I</u>	ND	0.001	0.0001	1
Endosulfan II	<u>ND</u>	0.001	0.0001	<u> </u>
<u>Endosulfan Sulfate</u>	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0001	<u> </u>
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	<u>ND</u>	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0001_	1
Heptachlor	<u>ND</u>	0.001	0.0001	1
Methoxyclor	ND	0.001	0.0001	1
Toxaphene	<u>ND</u>	0.200	0.0200	1

COMMENTS:

DF = Dilution Factor MDL = Method Detection Limit Actual Detection Limit = PQL X DF PQL = Practical Quantitation Limit J = Trace Concentration between MDL and PQL ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: CAL-DHS CERTIFICATE # 1555

# 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER:	Leighton Consulting		
	10532 Acacia, Suite B-6		
	Rancho Cucamonga, CA 91730		
	Tel(909)484-2205 Fax(909)44	84-2170	
PROJECT: M	icKahn 20 Acre West		
PROJECT No	.: 021906-003	DATE F	21

PROJECT No.: 021906-003	DATE RECEIVED: 04/06/06
MATRIX: <u>SOIL</u>	DATE EXTRACTED: 04/07/06
SAMPLING DATE: 04/06/06	DATE ANALYZED: 04/07/06
REPORT TO: Mr. TONY CHAKURIAN	DATE REPORTED: 04/13/06

SAMPLE I.D.: **B-2-0.5** 

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LAB I.D.: 060406-37

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Organochlorine Pesticides Analysis Method: EPA 8081A

Unit: Mg/Kg = Milligram Per Kilogram = PPM


PARAMETER	SAMPLE RESULT	PQL	MDL	DF
<u>Aldrin</u>	<u>ND</u>	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0001	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	_ 1
delta-BHC	ND	0.001	0.0001	1
alpha-Chlordane	ND	0.001	0.0001	1
gamma-Chlordane	ND	0.001	0.0001	1
4,4'-DDD	<u>ND</u>	0.001	0.0001	1
<u>4,4'-DDE</u>	ND	0.001	0.0001	1
4,4'-DDT	<u>ND</u>	0.001	0.0001	1
<u>Dieldrin</u>	ND	0.001	0.0001	1
Endosulfan I	<u>ND</u>	0.001	0.0001	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0001	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0001	1
Heptachlor	ND	0.001	0.0001	1
Methoxyclor	ND	0.001	0.0001	1
Toxaphene	ND	0.200	0.0200	1

COMMENTS:

DF = Dilution Factor MDL = Method Detection Limit Actual Detection Limit = PQL X DF PQL = Practical Quantitation Limit J = Trace Concentration between MDL and PQL ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: CAL-DHS CERTIFICATE # 1555

# 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

#### LABORATORY REPORT

CUSTOMER:	Leighton Consulting		
	10532 Acacia, Suite	в-б	
	Rancho Cucamonga, C	A 91730	
	Tel(909)484-2205 Fa:	к(909)484-217	0
PROJECT: M	cKahn 20 Acre West		
PROJECT No	.: 021906-003	DATE	RECEIVED: 04/06/06
MATRIX: SOI	L	DATE	EXTRACTED: 04/07/0
SAMPLING D	ATE:04/06/06	DATE	ANALYZED · 04/07/06

MATRIX: SOIL	DATE EXTRACTED: 04/07/06
SAMPLING DATE: 04/06/06	DATE ANALYZED: 04/07/06
REPORT TO: Mr. TONY CHAKURIAN	DATE REPORTED: 04/13/06

SAMPLE I.D.: **B-3-0.5** 

LAB I.D.: 060406-39

# Organochlorine Pesticides Analysis Method: EPA 8081A

Unit: Mg/Kg = Milligram Per Kilogram = PPM

Parameter	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0001	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0001	1
<u>alpha-Chlordane</u>	ND	0.001	0.0001	1
gamma-Chlordane	ND	0.001	0.0001	1
<u>4,4'-DDD</u>	ND	0.001	0.0001	1
4, 4' - DDE	<u>ND</u>	0.001	0.0001	1
4,4'-DDT	ND	0.001	0.0001	1
<u>Dieldrin</u>	<u>ND</u>	0.001	0.0001	1
Endosulfan I	ND	0.001	0.0001	1
Endosulfan II	ND	0.001	0.0001	<u> </u>
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	<u>ND</u>	0.001	0.0001_	1
Endrin Aldehyde	ND	0.001	0.0001	<u>1</u>
Endrin Ketone	<u>ND</u>	0.001	0.0001	1
Heptachlor Epoxide	<u>ND</u>	0.001	0.0001_	1
Heptachlor	ND	0.001	0.0001	1
Methoxyclor	ND	0.001	0.0001	1
Toxaphene	ND	0.200	0.0200	1

COMMENTS:

DF = Dilution Factor MDL = Method Detection Limit Actual Detection Limit = PQL X DF PQL = Practical Quantitation Limit J = Trace Concentration between MDL and PQL ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: CAL-DHS CERTIFICATE # 1555

#### 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

#### LABORATORY REPORT

CUSTOMER:	Leighton Consulting 10532 Acacia, Suite B- Rancho Cucamonga, CA S Tel(909)484-2205 Fax(9	-6 )1730 )09)484-217	, o
PROJECT: M	cKahn 20 Acre West	·	
PROJECT No	.: 021906-003	DATE	RECEIVED:04/06/06
MATRIX: <u>SOI</u>	L	DATE	EXTRACTED: 04/07/06
SAMPLING D	ATE: <u>04/06/06</u>	DATE	ANALYZED: 04/08/06
REPORT TO:	Mr. TONY CHAKURIAN	DATE	REPORTED: 04/13/06

SAMPLE I.D.: B-4-0.5 

LAB I.D.: 060406-41

#### Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: Mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0001	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0001	1
alpha-Chlordane	ND_	0.001	0.0001	1
gamma-Chlordane	ND	0.001	0.0001	1
4,4'-DDD	ND	0.001	0.0001	1
4,4'-DDE	ND	0.001	0.0001	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0001	1
Endosulfan I	ND	0.001	0.0001	1
Endosulfan II	<u>ND</u>	0.001	0.0001	1
Endosulfan Sulfate	ND	0,001	0.0001	1
Endrin	ND_	0.001	0.0001	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	_ND_	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0001	1
Heptachlor	ND	0.001	0.0001	1
Methoxyclor	ND	0.001	0.0001	1
Toxaphene	ND	0.200	0.0200	1

#### COMMENTS:

DF = Dilution Factor MDL = Method Detection Limit Actual Detection Limit = PQL X DF PQL = Practical Quantitation Limit J = Trace Concentration between MDL and PQL ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: CAL-DHS CERTIFICATE # 1555

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# 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: Leighton Consulting 10532 Acacia, Suite B-6 Rancho Cucamonga, CA 91730 Tel(909)484-2205 Fax(909)484-2170 PROJECT: McKahn 20 Acre West

DECTECT No . 021006-002

PROJECT No.: 021906-003	DATE	RECEIVED: 04/06/06
MATRIX: SOIL	DATE	EXTRACTED: 04/07/06
SAMPLING DATE: 04/06/06	DATE	ANALYZED: 04/08/06
REPORT TO: Mr. TONY CHAKURIAN	DATE	REPORTED: 04/13/06

SAMPLE I.D.: **B-5-0.5** 

LAB I.D.: 060406-43

Organochlorine Pesticides Analysis

# Method: EPA 8081A

Unit: Mg/Kg = Milligram Per Kilogram = PPM

Parameter	SAMPLE RESULT	PQL	MDL	DF
<u>Aldrin</u>	ND	0.001	0.0001 _	1
alpha-BHC	ND	0.001	0.0001	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
<u>delta-BHC</u>	ND	0.001	0.0001	1
alpha-Chlordane	ND	0.001	0.0001	1
gamma-Chlordane	<u>ND</u>	0.001	0.0001	1
<u>4,4'-DDD</u>	ND	0.001	0.0001	1
<u>4,4'-DDE</u>	<u>ND</u>	0.001	0.0001	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0001	1
<u>Endosulfan I</u>	<u>ND</u>	0.001	0.0001	1
Endosulfan_II	ND	0.001	0.0001	1
Endosulfan Sulfate	<u>ND</u>	0.001	0.0001	1
Endrin	<u>ND</u>	0.001	0.0001	<u> </u>
Endrin Aldehyde	<u>ND</u>	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0001	1
Heptachlor	<u>ND</u>	0.001	0.0001	1
Methoxyclor	<u>ND</u>	0.001	0.0001	1
Toxaphene	ND	0.200	0.0200	1

#### COMMENTS:

DF = Dilution Factor MDL = Method Detection Limit Actual Detection Limit = PQL X DF PQL = Practical Quantitation Limit J = Trace Concentration between MDL and PQL ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: CAL-DHS CERTIFICATE # 1555

# 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

M CUSTOMER: Leighton Cor 10532 Acacia Rancho Cucan Tel(909)484- PROJECT: McKahn 20-Acre	ETHOD BLANK REP asulting 4, Suite B-6 aonga, CA 91730 2205 Fax(909)484-2170 2 West / 021906-003	ORT		
	DATE RE	CEIVED: 04/	06/06	
MATRIX: SOIL	DATE EX	TRACTED: 04	/07/06	
SAMPLING DATE: 04/06/06	DATE AN	ALYZED: 04/	07706	
REPORT TO:MF. TONY CHAP	URIAN DATE RE	PORTED: <u>04</u> /	13/06	
METHOD BLANK	FOR LAB I.D.:060406-35	,-37,-39,-	41,-43	
Orga: Unit: Mg	nochlorine Pesticides A Method: EPA 8081A /Kg = Milligram Per Kil	nalysis .ogram = PH	РМ	
PARAMETER	SAMPLE RESULT	PQL	MDL	DF
<u>Aldrin</u>	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0001	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	<u>ND</u>	0.001	0.0001	<u>1</u>
delta-BHC	ND	0.001	0.0001	1
alpha-Chlordane	<u>ND</u>	0.001	0.0001	1
<u>qamma-Chlordane</u>	ND	0.001	0.0001	1
<u>4,4'-DDD</u>	<u>ND</u>	0.001	0.0001	1
<u>4,4'-DDE</u>	ND	0.001	0.0001	1
<u>4,4'-DDT</u>	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0001	1
<u>Endosulfan I</u>	ND	0.001	0.0001	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	<u>ND</u>	0.001	0.0001	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	<u>ND</u>	0.001	0.0001	<u>1</u>
Heptachlor Epoxide	ND	0.001	0.0001	
<u>Heptachlor</u>	ND	0.001	0.0001	<u>1</u>
<u>Methoxyclor</u>	ND	0.001	0.0001	<u>1</u>
Toxaphene	ND	0.200	0.0200	<u> </u>

#### COMMENTS:

DF = Dilution Factor MDL = Method Detection Limit Actual Detection Limit = PQL X DF PQL = Practical Quantitation Limit J = Trace Concentration between MDL and PQL ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: CAL-DHS CERTIFICATE # 1555

m

	Enviro-Chem, Inc.								
	1214 E	Lexington A	venue, Pom	ona, CA 9176	6 Tel (90	9)590-5905 1	Fax (909)590-5	907	
		FF	DA 808	81 QA		?enor	<b>f</b>		
			74.000			(cpoi	<u> </u>		
Matrix	Soil				Date Analy	rad.	417-912006		
l Init	ma/Ka				Date Analy	260.	4/1~0/2000		
	mgang								
<u>Matrix Spike (MS)</u>	/Matrix Spi	ke Duplicat	<u>e (MSD)</u>						
Spiked Sample La	ab I.D.:		<u>060406</u>	<u>-35</u>					
Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.050	0.0407	81%	0.0400	80%	2%	0-20%	70-130
Aldrin	0.000	0.050	0.0462	92%	0.0460	92%	0%	0-20%	70-130
4,4-DDE	0.000	0.050	0.0531	106%	0.0542	108%	2%	0-20%	70-130
Lab Control Spike	e (LCS) Rec	overy:							
Analyte	spk conc	LCS	% REC	ACP	%REC	1			
Gamma-BHC	0.0050	0.0046	92%	75-	125				
Aldrin	0.0050	0.0047	94%	75-	125				
4,4-DDE	0.0050	0.0051	103%	75-	125				
Dieldrin									
surrogate Recover	ν	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	<u> </u>		MB	060406-35	060406-37	060406-39	060406-41	060406-43	060407-39
Tetra-chloro-meta-xylene		50-150	94%	89%	87%	89%	88%	89%	92%
Decachlorobipheny	/1	50-150	98%	84%	83%	86%	87%	85%	89%
Surrogate Recover	· · · · · · · · · · · · · · · · · · ·	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	·	060407-40	060407-41	060407-42	060407-44	060407-45	060407-46	060407-47	060407-52
Tetra-chloro-meta-	xylene	92%	97%	107%	85%	87%	85%	87%	87%
Decachlorobipheny	/1	86%	80%	81%	88%	86%	87%	86%	87%
								·	
Surrogate Recover	у	%REC	<u>%REC</u>	%REC	<u>%REC</u>	%REC	%REC		
Sample I.D.		060407-53	060407-54	060407-55					
Tetra-chloro-meta-	xylene	89%	87%	88%					
Decachlorobipheny	/	94%	94%	93%		l		!	
:       * = Surrogale fail due to matrix interference (If Marked)         Spk conc = Spike Concentration       Note: LCS, MS, MSD are in control therefore results are in control.         VPEC = Percent Percence       *									
ACP %RPD = Acceptal	ble Percent RP	D Range							1
ACP %REC = Acceptal	ble Percent Re	covery Range							
Analyzed and Reviewed By:									
inal Reviewer:	op	-							
						•			
:									

# 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

#### LABORATORY REPORT

CUSTOMER:	Leighton Consulting	
	10532 Acacia, Suite B-6	
	Rancho Cucamonga, CA 9173	0
	Tel(909)484-2205 Fax(909)	484-2170
PROJECT: M	CKahn 20-Acre West / 02190	6-003
MATRIX: SOI	<u>L</u>	DATE RECEIVED: <u>04/06/06</u>
SAMPLING D	ATE: 04/06/06	DATE ANALYZED: 04/07-10/06
REPORT TO:	<u>Mr. TONY CHAKURIAN</u>	DATE REPORTED: 04/13/06
SAMPLE I.D	.: B-1-0.5	LAB I.D.: 060406-35

### TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

ELEMENT	SAMPLE				TTLC	STLC	EPA
ANALYZED	RESULT	PQL	MDL	DF	LIMIT	LIMIT	METHOD
Antimony(Sb)	ND	1.0	0.250	1	500	15	6010B
Arsenic(As)	ND	0.3	0.248	1	500	5.0	6010B
Barium(Ba)	90.5	5.0	0.143	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	0.180	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	0.119	1	100	1.0	6010B
Chromium Total(Cr)	14.1	0.5	0.138	1	2,500	560/50	9 6010B
Chromium VI (Cr6)		0.2	0.0156	1	500	5.0	7196A
Cobalt(Co)	4.64	1.0	0.156	1	8,000	80	6010B
Copper(Cu)	15.5	1.0	0.203	1	2,500	25	6010B
Lead (Pb)	9.21	0.5	0.192	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.1	0.0062	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	0.274	1	3,500	350	6010B
Nickel(Ni)	9.91	2.5	0.165	1	2,000	20	6010B
Selenium(Se)	ND	1.0	0.234	1	100	1.0	6010B
Silver(Ag)	ND	1.0	0.414	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	0.432	1	700	7.0	6010B
Vanadium(V)	33.0	5.0	0.171	1	2,400	24	6010B
Zinc (Zn)	49.4	0.5	0.131	1	5,000	250	6010B

#### COMMENTS

DF = Dilution Factor MDL = Method Detection Limit PQL = Practical Quantitation Limit J = Trace Concentration between MDL and PQL Actual Detection Limit = PQL X DF ND = Below the Actual Detection Limit or non-detected TTLC = Total Threshold Limit Concentration STLC = Soluble Threshold Limit Concentration @ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5 \* = STLC analysis for the metal <u>is</u> recommended (if marked) \*\*\* = Additional Analysis required, please call to discuss (if marked) \*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked) -- = Not analyzed/not requested

CAL-DHS ELAP CERTIFICATE No.: 1555

#### 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

#### LABORATORY REPORT

CUSTOMER: PROJECT: M	Leighton Consulting 10532 Acacia, Suite B- Rancho Cucamonga, CA 9 Tel(909)484-2205 Fax(9 CKahn 20-Acre West / 02	6 1730 09)484-2170 1906-003	
MATRIX: <u>SOI</u> SAMPLING D REPORT TO:	<u>L</u> ATE: <u>04/06/06</u> <u>Mr. TONY CHAKURIAN</u>	DATE RECEIVED: <u>04/06</u> DATE ANALYZED: <u>04/07</u> DATE REPORTED: <u>04/13</u>	<u>/06</u> -10/06 /06
SAMPLE I.D	.: B-2-0.5	LAB I.D.: 060406-37	

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

ELEMENT	SAMPLE				TTLC	STLC	EPA
ANALYZED	RESULT	PQL	MDL	DF	LIMIT	LIMIT	METHOD
Antimony(Sb)	ND	1.0	0.250	1	500	15	6010B
Arsenic(As)	1.19	0.3	0.248	1	500	5.0	6010B
Barium(Ba)	84.3	5.0	0.143	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	0.180	1	75	0.75	5 6010B
Cadmium(Cd)	ND	0.5	0.119	1	100	1.0	6010B
Chromium Total(Cr)	13.9	0.5	0.138	1	2,500	560/50	6010B
Chromium VI (Cr6)		0.2	0.0156	1	500	5.0	7196A
Cobalt(Co)	4.54	1.0	0.156	1	8,000	80	6010B
Copper(Cu)	14.7	1.0	0.203	1	2,500	25	6010B
Lead(Pb)	9.15	0.5	0.192	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.1	0.0062	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	0.274	1	3,500	350	6010B
Nickel(Ni)	9.65	2.5	0.165	1	2,000	20	6010B
Selenium(Se)	ND	1.0	0.234	1	100	1.0	6010B
Silver(Ag)	ND	1.0	0.414	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	0.432	1	700	7.0	6010B
Vanadium(V)	32.2	5.0	0.171	1	2,400	24	6010B
Zinc (Zn)	48.8	0.5	0.131	1	5,000	250	6010B

#### COMMENTS

DF = Dilution Factor MDL = Method Detection Limit PQL = Practical Quantitation Limit J = Trace Concentration between MDL and PQL Actual Detection Limit = PQL X DF ND = Below the Actual Detection Limit or non-detected TTLC = Total Threshold Limit Concentration STLC = Soluble Threshold Limit Concentration @ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5 \* = STLC analysis for the metal <u>is</u> recommended (if marked) \*\*\* = Additional Analysis required, please call to discuss (if marked) \*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked) -- = Not analyzed/not requested

CAL-DHS ELAP CERTIFICATE No.: 1555

# 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

-003
DATE RECEIVED: 04/06/06
DATE ANALYZED: 04/07-10/06
DATE REPORTED: 04/13/06
LAB I.D.: 060406-39

#### TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

ELEMENT	SAMPLE				TTLC	STLC	EPA
ANALYZED	RESULT	PQL	MDL	DF	LIMIT	LIMIT	METHOD
Antimony(Sb)	ND	1.0	0.250	1	500	15	6010B
Arsenic(As)	0.829	0.3	0.248	1	500	5.0	6010B
Barium(Ba)	74.4	5.0	0.143	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	0.180	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	0.119	1	100	1.0	6010B
Chromium Total(Cr)	12.7	0.5	0.138	1	2,500	560/50	6010B
Chromium VI (Cr6)		0.2	0.0156	1	500	5.0	7196A
Cobalt(Co)	4.04	1.0	0.156	1	8,000	80	6010B
Copper(Cu)	26.0	1.0	0.203	1	2,500	25	6010B
Lead (Pb)	10.9	0.5	0.192	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.1	0.0062	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	0.274	1	3,500	350	6010B
Nickel(Ni)	8.90	2.5	0.165	1	2,000	20	6010B
Selenium(Se)	ND	1.0	0.234	1	100	1.0	6010B
Silver(Ag)	ND	1.0	0.414	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	0.432	1	700	7.0	6010B
Vanadium(V)	28.9	5.0	0.171	1	2,400	24	6010B
Zinc (Zn)	53.5	0.5	0.131	1	5,000	250	6010B
COMMENTS							
DF = Dilution Factor	r						
MDL = Method Detect	- ion Limit						
POL = Practical Quar	ntitation Li	mit					
J = Trace Concentra	tion between	MDL an	d POL				
Actual Detection Li	mit = POL X	DF					

ND = Below the Actual Detection Limit or non-detected

TTLC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5

\* = STLC analysis for the metal <u>is</u> recommended (if marked)

\*\* = Additional Analysis required, please call to discuss (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is

defined as hazardous waste as per CCR-TITLE 22 (if marked)

-- = Not analyzed/not requested

Data Reviewed and Approved by: \_\_\_\_\_ CAL-DHS ELAP CERTIFICATE No.: 1555

#### 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

#### LABORATORY REPORT

CUSTOMER:	Leighton Consulting 10532 Acacia, Suite Rancho Cucamonga, C. Tel(909)484-2205 Fax Kabp 20-Acro Nost (	B-6 A 91730 x(909)484-217	0	
MATRIX: <u>SOI</u> SAMPLING D. REPORT TO:	L ATE: <u>04/06/06</u> Mr. TONY CHAKURIAN	DATE DATE DATE	RECEIVED: <u>04/06/0</u> ANALYZED: <u>04/07-1</u> REPORTED: <u>04/13/0</u>	) <u>6</u> .0706 )6
SAMPLE I.D	.: <b>B-4-0.5</b>	LAB 1	 	

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TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

ELEMENT	SAMPLE				TTLC	STLC	EPA
ANALYZED	RESULT	PQL	MDL	DF	LIMIT	LIMIT	METHOD
Antimony(Sb)	ND	1.0	0.250	1	500	15	6010B
Arsenic(As)	ND	0.3	0.248	1	500	5.0	6010B
Barium(Ba)	57.9	5.0	0.143	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	0.180	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	0.119	1	100	1.0	6010B
Chromium Total(Cr)	3.38	0.5	0.138	1	2,500	560/50	6010B
Chromium VI (Cr6)		0.2	0.0156	1	500	5.0	7196A
Cobalt(Co)	2.31	1.0	0.156	1	8,000	80	6010B
Copper(Cu)	10.0	1.0	0.203	1	2,500	25	6010B
Lead (Pb)	1.79	0.5	0.192	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.1	0.0062	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	0.274	1	3,500	350	6010B
Nickel(Ni)	2.25	2.5	0.165	1	2,000	20	6010B
Selenium(Se)	ND	1.0	0.234	1	100	1.0	6010B
Silver(Ag)	ND	1.0	0.414	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	0.432	1	700	7.0	6010B
Vanadium(V)	16.4	5.0	0.171	1	2,400	24	6010B
Zinc (Zn)	22.6	0.5	0.131	1	5,000	250	6010B

#### COMMENTS

DF = Dilution Factor

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

J = Trace Concentration between MDL and PQL

Actual Detection Limit = PQL X DF

ND = Below the Actual Detection Limit or non-detected

TTLC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
\* = STLC analysis for the metal <u>is</u> recommended (if marked)

\*\* = Additional Analysis required, please call to discuss (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is
defined as hazardous waste as per CCR-TITLE 22 (if marked)

-- = Not analyzed/not requested

#### 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

#### LABORATORY REPORT

CUSTOMER:	Leighton Consulting 10532 Acacia, Suite B-	б 1720	
	kancho Cucamonga, CA 9	1/30	
	Tel(909)484-2205 Fax(9	09)484-217	0
PROJECT: MC	Kahn 20-Acre West / 02	1906-003	
MATRIX: SOIL		DATE	RECEIVED: 04/06/06
SAMPLING DA	TE: <u>04/06/06</u>	DATE	ANALYZED: 04/07-10.
REPORT TO:M	r. TONY CHAKURIAN	DATE	REPORTED: 04/13/06

SAMPLE I.D.: **B-5-0.5** 

LAB I.D.: 060406-43 \_

10/06 <u>'06</u>

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

ELEMENT	SAMPLE				TTLC	STLC	epa
ANALYZED	RESULT	PQL	MDL	DF	LIMIT	LIMIT	METHOD
Antimony(Sb)	ND	1.0	0.250	1	500	15	6010B
Arsenic(As)	1.54	0.3	0.248	1	500	5.0	6010B
Barium(Ba)	104	5.0	0.143	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	0.180	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	0.119	1	100	1.0	6010B
Chromium Total(Cr)	12.8	0.5	0.138	1	2,500	560/5@	6010B
Chromium VI (Cr6)	~ ~	0.2	0.0156	1	500	5.0	7196A
Cobalt(Co)	4.47	1.0	0.156	1	8,000	80	6010B
Copper(Cu)	13.8	1.0	0.203	1	2,500	25	6010B
Lead (Pb)	8.16	0.5	0.192	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.1	0.0062	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	0.274	1	3,500	350	6010B
Nickel(Ni)	8.73	2.5	0.165	1	2,000	20	6010B
Selenium(Se)	ND	1.0	0.234	1	100	1.0	6010B
Silver(Ag)	ND	1.0	0.414	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	0.432	1	700	7.0	6010B
Vanadium(V)	30.1	5.0	0.171	1	2,400	24	6010B
Zinc (Zn)	45.9	0.5	0.131	1	5,000	250	6010B

#### COMMENTS

DF = Dilution Factor

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

J = Trace Concentration between MDL and PQL

Actual Detection Limit = PQL X DF

ND = Below the Actual Detection Limit or non-detected

TTLC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5 \* = STLC analysis for the metal <u>is</u> recommended (if marked)

\*\* = Additional Analysis required, please call to discuss (if marked) \*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked) -- = Not analyzed/not requested

Data Reviewed and Approved by:\_ CAL-DHS ELAP CERTIFICATE No.: 1555

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Enviro – Chem, Inc. 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT CUSTOMER: Leighton Consulting 10532 Acacia, Suite B-6 Rancho Cucamonga, CA 91730 Tel (909)484-2205 Fax(909)484-2170 PROJECT: McKahn 20-Acre West / 021906-003 MATRIX:SOIL DATE RECEIVED: 04/06/06 SAMPLING DATE: 04/06/06 DATE ANALYZED: 04/07-10/06 REPORT TO: Mr. TONY CHAKURIAN DATE REPORTED: 04/13/06 METHOD BLANK FOR LAB I.D.:060406-35,-37,-39,-41,-43								
TO TO	TAL THRESHOLD LI NIT: MG/KG = MII	MIT CON	NCENTRAT: PER KILO	ION DGRA	ANALYSIS M = PPM			
ELEMENT	SAMPLE				TTLC	STLC	EPA	
ANALYZED	RESULT	PQL	MDL	DF	LIMIT	LIMIT I	METHOD	
Antimony(Sb)	ND	1.0	0.250	1	500	15	6010B	
Arsenic(As)	ND	0.3	0.248	1	500	5.0	6010B	
Barium(Ba)	ND	5.0	0.143	1	10,000	100	6010B	
Beryllium(Be)	ND	0.5	0.180	1	75	0.75	6010B	
Cadmium(Cd)	ND	0.5	0.119	1	100	1.0	6010B	
Chromium Total (	Cr) ND	0.5	0.138	1	2,500	560/5@	6010B	
Chromium VI (Cr	5)	0.2	0.0156	1	500	5.0	7196A	
Cobalt(Co)	ND	1.0	0.156	1	8,000	80	6010B	
Copper(Cu)	ND	1.0	0.203	1	2,500	25	6010B	
Lead (Pb)	ND	0.5	0.192	1	1,000	5.0	6010B	
Mercury(Hg)	ND	0.1	0.0062	1	20	0.2	7471A	
Molybdenum(Mo)	ND	5.0	0.274	1	3,500	350	6010B	
Nickel(N1)	ND	2.5	0.165	1	2,000	20	6010B	
Selenium(Se)	ND	1.0	0.234	1	100	1.0	6010B	
Sliver(Ag)	ND	1.0	0.414	1	500	5.0	6010B	
Vonadium (V)	ND	5.0	0.432	1	2 400	24	6010B	
2inc(2n)	ND	0.5	0.131	1	2,400	24	6010B	
	ND							
COMMENTS DF = Dilution Factor MDL = Method Detection Limit PQL = Practical Quantitation Limit J = Trace Concentration between MDL and PQL Actual Detection Limit = PQL X DF ND = Below the Actual Detection Limit or non-detected TTLC = Total Threshold Limit Concentration STLC = Soluble Threshold Limit Concentration @ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5 * = STLC analysis for the metal <u>is</u> recommended (if marked) *** = Additional Analysis required, please call to discuss (if marked) *** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked) = Not analyzed/not requested Data Reviewed and Approved by: CAL-DHS ELAP CERTIFICATE No.: 1555								

# QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

# Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 4/7/2006

Unit : <u>Mg/KG(ppm)</u>

Analysis	Spk.Sample	LCS	LCS	LCS	Sample	Spike	MS	% Rec	MSD	% Rec	% RPD
<u>.</u>	ID	CONC.	%Rec.	STATUS	Result	Conc.		MS		MSD	
Arsenic (As)	060406-41	1.00	99.5	PASS	0	50.0	45.9	92%	46.8	94%	2%
Copper (Cu)	060406-41	1.00	101	PASS	10.0	50.0	45.0	70%	45.5	71%	1%
Lead (Pb)	060406-41	1.00	101	PASS	0	50.0	45.3	91%	45.8	92%	1%
ANAL											
Analysis	Spk.Sample	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	060410-50	0.300	97	PASS	0	0.300	0.277	92%	0.269	90%	3%
MS/MSD Status	1	<sup>*</sup> •			]						
Analysis	%MS	%MSD	%LCS	<u>%RPD</u>							
Arsenic (As)	PASS	PASS	PASS	PASS	ļ						
LEAD (Pb)	PASS	PASS	PASS	PASS							
Copper (Cu)	PASS	PASS	PASS	PASS	Į						
MERCURY (Hg)	PASS	PASS	PASS	PASS							
Accepted Range	75 ~ 125	75 ~ 125	85~115	0 ~ 20			11	<b>1</b> -7			
						ANALYST:	140				
·						FINAL REVIE	WER:	$( \rightarrow)$			
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#### 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: April 14, 2006

Mr. Tony Chakurian Leighton Consulting 10532 Acacia, Suite B-6 Rancho Cucamonga, CA 91730 Tel(909)484-2205 Fax(909)484-2170

Project: McKahn 20-Acre West Project No.: 021906-003 Lab I.D.: 060406-35 through -44

Dear Mr. Chakurian:

The **8310 results** for the soil samples, received by our lab on April 6, 2006, are attached. All samples were received chilled, intact and with chain of custody record.

Trace concentrations between the MDL and the PQL have been reported with a J' flag indicator.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets Vice President/Program Manger

Jesse Tu, Ph.D. Laboratory Manager

# 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: Leighton Consult 10532 Acacia, Sui	ing te B-6						
Rancho Cucamonga,	CA 91730						
Tel(909)484-2205 Fax(909)484-2170							
PROJECT: McKahn 20-Acre West	/ 021906-003						
	DATE RECEI	IVED:04/06/	06				
MATRIX: SOIL	DATE EXTRA	ACTED: 04/07	/06				
SAMPLING DATE: <u>04/06/06</u>	DATE ANALY	ZED: 04/07/	06				
REPORT TO: Mr. TONY CHAKURIAN	DATE REPOR	RTED: 04/14/	06				
SAMPLE I.D.: B-1-0.5	LAB I.D.:	060406-35					
Polynuclear A	romatic Hydrocarbons	Analysis					
Unit: Ma/Ka =	Metnod: EPA 8310 Milligram per Kilog	ram - DDM					
PARAMETER	SAMPLE RESULT	PQL	MDL	DF			
ACENAPHTHENE	ND	0.02	0.01_	1			
ACENAPHTHENE ACENAPHTHYLENE	ND ND	0.02	0.01	<u> </u>			
ACENAPHTHENE ACENAPHTHYLENE ANTHRACENE	ND ND ND	0.02 0.02 0.02	0.01 0.01 0.01	$\frac{1}{1}$			
ACENAPHTHENE ACENAPHTHYLENE ANTHRACENE BENZO ( a ) ANTHRACENE	ND ND ND ND	0.02 0.02 0.02 0.02	0.01 0.01 0.01 0.01	$\begin{array}{r} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \end{array}$			
ACENAPHTHENE ACENAPHTHYLENE ANTHRACENE BENZO ( a ) ANTHRACENE BENZO ( a ) PYRENE	ND ND ND ND ND ND	0.02 0.02 0.02 0.02 0.02 0.02	0.01 0.01 0.01 0.01 0.01	$ \begin{array}{r} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \end{array} $			
ACENAPHTHENE ACENAPHTHYLENE ANTHRACENE BENZO ( a ) ANTHRACENE BENZO ( a ) PYRENE BENZO ( b ) FLUORANTHENE	<u>ND</u> ND ND ND ND ND ND	0.02 0.02 0.02 0.02 0.02 0.02 0.02	0.01 0.01 0.01 0.01 0.01 0.01	$ \begin{array}{c} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 $			
ACENAPHTHENE ACENAPHTHYLENE ANTHRACENE BENZO ( a ) ANTHRACENE BENZO ( a ) PYRENE BENZO ( b ) FLUORANTHENE BENZO ( k ) FLUORANTHENE	ND ND ND ND ND ND ND ND ND	$\begin{array}{r} 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \end{array}$	0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 1 1 1 1 1 1			
ACENAPHTHENE ACENAPHTHYLENE ANTHRACENE BENZO ( a ) ANTHRACENE BENZO ( a ) PYRENE BENZO ( b ) FLUORANTHENE BENZO ( k ) FLUORANTHENE BENZO ( q , h, i ) PERYLENE	ND ND ND ND ND ND ND ND ND ND	0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01				
ACENAPHTHENE ACENAPHTHYLENE ANTHRACENE BENZO (a) ANTHRACENE BENZO (a) PYRENE BENZO (b) FLUORANTHENE BENZO (b) FLUORANTHENE BENZO (c, h, i) PERYLENE CHRYSENE	ND ND ND ND ND ND ND ND ND ND ND ND	$\begin{array}{r} 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \end{array}$	$\begin{array}{r} 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \end{array}$				
ACENAPHTHENE ACENAPHTHYLENE ANTHRACENE BENZO (a) ANTHRACENE BENZO (a) PYRENE BENZO (b) FLUORANTHENE BENZO (b) FLUORANTHENE BENZO (c, h, i) PERYLENE CHRYSENE DIBENZ (a, h) ANTHRACENE	ND ND ND ND ND ND ND ND ND ND ND ND ND N	$\begin{array}{r} 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \end{array}$	$\begin{array}{r} 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \end{array}$				
ACENAPHTHENE ACENAPHTHYLENE ANTHRACENE BENZO (a) ANTHRACENE BENZO (a) PYRENE BENZO (b) FLUORANTHENE BENZO (b) FLUORANTHENE BENZO (c, h, i) PERYLENE CHRYSENE DIBENZ (a, h) ANTHRACENE FLUORANTHENE	ND ND ND ND ND ND ND ND ND ND ND ND ND N	$\begin{array}{c} 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \\ 0.02 \end{array}$	$\begin{array}{r} 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \end{array}$				
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DF = DILUTION FACTOR

MDL = METHOD DETECTION LIMIT ACTUAL DETECTION LIMIT = PQL X DF PQL = PRACTICAL QUANTITATION LIMIT J = TRACE CONCENTRATION BETWEEN MDL and PQL

ND = BELOW THE ACTUAL DETECTION LIMIT OR NON-DETECTED

# 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER:	Leighton Consulting
	10532 Acacia, Suite B-6
	Rancho Cucamonga, CA 91730
	Tel(909)484-2205 Fax(909)484-2170

PROJECT: McKahn 20-Acre West / 021906-003

	DATE RECEIVED: 04/06/06
MATRIX: <u>SOIL</u>	DATE EXTRACTED: 04/07/06
SAMPLING DATE: <u>04/06/06</u>	DATE ANALYZED: 04/07/06
REPORT TO: Mr. TONY CHAKURIAN	DATE REPORTED: 04/14/06

SAMPLE I.D.: **B-2-0.5** 

LAB I.D.: 060406-37

#### Polynuclear Aromatic Hydrocarbons Analysis Method: EPA 8310

Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
ACENAPHTHENE	<u>ND</u>	0.02	0.01	1
ACENAPHTHYLENE	ND	0.02	0.01	1
ANTHRACENE	ND	0.02	0.01	1
BENZO ( a ) ANTHRACENE	ND	0.02	0.01	1
BENZO (a) PYRENE	ND	0.02	0.01	1
BENZO (b) FLUORANTHENE	ND	0.02	0.01	1
BENZO(k)FLUORANTHENE	ND	0.02	0.01	1
BENZO (g, h, i) PERYLENE	ND	0.02	0.01	1
CHRYSENE	ND	0.02	0.01	1
DIBENZ(a, h) ANTHRACENE	ND	0.02	0.01	1
FLUORANTHENE	ND	0.02	0.01	1
FLUORENE	ND	0.02	0.01	1
INDENO(1,2,3-cd) PYRENE	ND	0.02	0.01	1
NAPHTHALENE	ND	0.02	0.01	1
PHENANTHRENE	ND	0.02	0.01	1
PYRENE	ND	0.02	0.01	1

#### COMMENTS

DF = DILUTION FACTOR MDL = METHOD DETECTION LIMIT ACTUAL DETECTION LIMIT = PQL X DF PQL = PRACTICAL QUANTITATION LIMIT J = TFACF CONCENTRATION BETWEEN MDL and PQL ND = BELOW THE ACTUAL DETECTION LIMIT OR NON-DETECTED

W

# 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

#### LABORATORY REPORT

CUSTOMER :	: Leighton Consulting
	10532 Acacia, Suite B-6
	Rancho Cucamonga, CA 91730
	Tel(909)484-2205 Fax(909)484-2170

PROJECT: McKahn 20-Acre West / 021906-003

MATRIX: <u>SOIL</u> SAMPLING DATE: <u>04/06/06</u> REPORT TO: <u>Mr. TONY CHAKURIAN</u>	DATE RECEIVED: <u>04/06/06</u> DATE EXTRACTED: <u>04/07/06</u> DATE ANALYZED: <u>04/07/06</u> DATE REPORTED: <u>04/14/06</u>

SAMPLE I.D.: B-3-0.5

LAB I.D.: 060406-39

# Polynuclear Aromatic Hydrocarbons Analysis

Method: EPA 8310

Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
ACENAPHTHENE	ND	0.02	0.01	1
ACENAPHTHYLENE	ND	0.02	0.01	1
ANTHRACENE	ND	0.02	0.01	1
BENZO (a) ANTHRACENE	ND	0.02	0.01	1
BENZO(a) PYRENE	ND	0.02	0.01	1
BENZO (b) FLUORANTHENE	ND	0.02	0.01	1
BENZO(k) FLUORANTHENE	ND	0.02	0.01_	1
BENZO(q,h,i) PERYLENE	ND	0.02	0.01	1
CHRYSENE	ND	0.02	0.01	1
DIBENZ (a, h) ANTHRACENE	ND	0.02	0.01	1
FLUORANTHENE	ND	0.02	0.01	1
FLUORENE	ND	0.02	0.01	1
INDENO(1,2,3-cd) PYRENE	ND	0.02	0.01	1
NAPHTHALENE	ND	0.02	0.01	1
PHENANTHRENE	ND_	0.02	0.01	1
PYRENE	ND	0.02	0.01	1
COMMENTER				

COMMENTS

DF = DILUTION FACTOR MDL = METHOD DETECTION LIMIT ACTUAL DETECTION LIMIT = PQL X DF

POL = PRACTICAL QUANTITATION LIMIT

J = TRACE CONCENTRATION BETWEEN MDL and PQL

ND = BELOW THE ACTUAL DETECTION LIMIT OR NON-DETECTED

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# 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

### LABORATORY REPORT

CUSTOMER:	Leighton Consulting
	10532 Acacia, Suite B-6
	Rancho Cucamonga, CA 91730
	Tel(909)484-2205 Fax(909)484-2170

PROJECT: McKahn 20 Acre West

PROJECT No.: 021906-003	DATE RECEIVED: 04/06/06
MATRIX: SOIL	DATE EXTRACTED: 04/07/06
SAMPLING DATE: 04/06/06	DATE ANALYZED: 04/07/06
REPORT TO: Mr. TONY CHAKURIAN	DATE REPORTED: 04/14/06

SAMPLE I.D.: **B-4-0.5** 

LAB I.D.: 060406-41

#### Polynuclear Aromatic Hydrocarbons Analysis Method: EPA 8310

Unit: Mg/Kg = Milligram per Kilogram = PPM

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# SAMPLE RESULT

PQL (X1)

ACENAPHTHENE	ND	0.02
ACENAPHTHYLENE	ND	0.02
ANTHRACENE	ND	0.02
BENZO(a) ANTHRACENE	ND	0.02
BENZO (a) PYRENE	ND	0.02
BENZO(b) FLUORANTHENE	ND	0.02
BENZO(k) FLUORANTHENE	ND	0.02
BENZO(q,h,i) PERYLENE	ND	0.02
CHRYSENE	ND	0.02
DIBENZ(a, h) ANTHRACENE	ND	0.02
FLUORANTHENE	ND	0.02
FLUORENE	ND	0.02
INDENO(1,2,3-cd) PYRENE	ND	0.02
NAPHTHALENE	ND	0.02
PHENANTHRENE	ND	0.02
PYRENE	ND	0.02

#### COMMENTS

PQL = PRACTICAL QUANTITATION LIMIT ND = NON-DETECTED OR BELOW THE PQL ANALYSIS CONDUCTED BY AETL LABS, BURBANK, CA

#### 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

#### LABORATORY REPORT

CUSTOMER :	Leighton Consulting
	10532 Acacia, Suite B-6
	Rancho Cucamonga, CA 91730
	Tel(909)484-2205 Fax(909)484-2170
	Mattaha 20 Name Mark

PROJECT: McKahn 20 Acre West PROJECT No.: 021906-003

MATRIX: SOIL SAMPLING DATE:04/06/06

REPORT TO: Mr. TONY CHAKURIAN

DATE RECEIVED:04/06/06 DATE EXTRACTED:04/07/06 DATE ANALYZED: 04/07/06 DATE REPORTED: 04/14/06 

SAMPLE I.D.: **B-5-0.5** 

LAB I.D.: 060406-43

# Polynuclear Aromatic Hydrocarbons Analysis

Method: EPA 8310

Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER

SAMPLE RESULT

PQL (X1)

ACENAPHTHENE	ND	0.02
ACENAPHTHYLENE	ND	0.02
ANTHRACENE	ND	0.02
BENZO (a) ANTHRACENE	ND	0.02
BENZO(a) PYRENE	ND	0.02
BENZO(b) FLUORANTHENE	ND	0.02
BENZO(k) FLUORANTHENE	ND	0.02
BENZO(g,h,i) PERYLENE	ND	0.02
CHRYSENE	ND	0.02
DIBENZ (a, h) ANTHRACENE	ND	0.02
FLUORANTHENE	ND	0.02
FLUORENE	ND	0.02
INDENO(1,2,3-cd) PYRENE	ND	0.02
NAPHTHALENE	ND	0.02
PHENANTHRENE	ND	0.02
PYRENE	ND	0.02

#### COMMENTS

PQL = PRACTICAL QUANTITATION LIMIT ND = NON-DETECTED OR BELOW THE PQL ANALYSIS CONDUCTED BY AETL LABS, BURBANK, CA

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# ANALYTICAL RESULTS

Ordered By

Enviro Chem I	boratories	
1214 E. Lexing	on Avenue	12
Pomona, CA 91	766-	

060406-35-43

Telephone: (909)590-5905

Attn: Curtis Desilets

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Page:

Project ID:

AETL-Job-Number	Submitted	Client	
36897	04/07/2006	ENVIRO	

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

QC Batch No: 040706

Our Lab I.D.			Method Black		36897.02	1:136897.03	= 36897,04
Client Sample I.D.		L		060406-35	060406-37	060406-39	060406-41
Date Sampled				04/06/2006	04/06/2006	04/06/2006	04/06/2006
Datc Prepared			04/07/2006	04/07/2006	04/07/2006	04/07/2006	04/07/2006
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed		<u>[</u>	04/07/2006	04/07/2006	04/07/2006	04/07/2006	04/07/2006
Matrix		<u> </u>	Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1		1 1		1
Analytes	MDL _ = =	POL	Results	Results	Results	Regults	Results
Bcnzo(a)anthracene	0.010	0.020	ND	םא	ND	סא	ND
Bcnzo(a)pyrene	0.010	0.020	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.010	0.020	ND	ND	ND	ND	ND
Bcnzo(k)fluoranthene	0.010	0.020	ND	D	ND	ND	ND
Chrysene	0.010	0.020	ND	DND	ND	ND	ND
Dibenzo(a,h)anthracene	0.010	0.020	ND	לסא	סא	ND	ND
Indeno(1,2,3-cd)pyrcne	0.010	0.020	ON I	סא	DK	ND	ND
Accnaphthene	0.010	0.020	ND	ND	<u> </u>	ND	ND
Acenaphthylene	0.010	0.020	ND	CIK	מא ו	ND	ND
Anthracene	0.010	0.020	ND	ND	ND	ND .	ND
Benzo(g,h,i)perylene	0.010	0.020	ND	ND	ND	ND ·	ND
Fluoranthenc	0.010	0.020	Np	ND	ND .	ND	ND
Pluorenc	0.010	0.020	ND	ND	ND	ND	CTX
Naphthalcne	0.010	0.020 -	ND	. מא	ND	ND.	. ND
Phenanthrene	0.010	0.020	ND	ND	ND	ND	סא
Pyrene	0.010	0.020	ND	DND	ND	ND	D CIN

Our Lab I.D.			-36897.01	36897.02	-36897.03	36897.04
Surrogatas	Rec.Limit	:::\$::Rec	* Rec.	S Rec	* Rec	* Rec.
p-Tcrphenyl-D14	75-125	90	87	83	86	95

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# ANALYTICAL RESULTS

Ordered By

Enviro-Chem Laboratories	
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Pomona, CA'91766-	

Telephone	: (909)590-5905
Attn:	Curtis Desilets

Page: Project ID:

060406-35-43

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AETL Job Number	Submitted	Client
36897	04/07/2006	ENVIRO

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

QC Batch No: 040706

Our Lab LD.			36897,05				
Client Sample I.D.			060406-43				1
Date Sampled			04/06/2006		1	1	
Date Prepared			04/07/2006	1	- ) · <b></b>	1	1
Preparation Method			3550B				· · · · · · · · · · · · · · · · · · ·
Date Analyzed			04/07/2006		<u> </u>		
Matrix	i		Soil		1		
Units	i.		mg/Kg				<u> </u>
Dilution Factor			· · · 1		1		
Analytes	MDL	PQL	Results				
Benzo(a)anthracene	0.010	0.020	ND	i	1		1
Benzo(a)pyrene	0.010	0.020	ND	!		1	
Bcnzo(b)fluoranthene	0.020	0.020	ND	1			Ţ
Bcnzo(k)fluoranthene	0.010	0,020	ND				Ī
Chrysene	0.010	0,020	ND	{		1	
Dibenzo(a,h)anthracene	0.010	0.020	ND	1	ĺ		1
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND				{
Acchaphthene	0.010	0.020	ND				1
Accnaphthylene	0.010	0.020	ND				
Anthracene	0.010	0,020	QX )			· ·	
Benzo(g,h,i)perylene	0.010	0.020	ND		1	1	
Fluoranthene	0.010	0.020	ND	<u> </u>			
Fluorene	C.010	0.020	ND		: <u> </u>	••	
Naphthalenc	0.010	0.020	ND			•	
Phenanthrenc	0.010	0.020	DK				1
Pyrenc	0.010	0,020	סא				

Our Lab LD,		-36897.05		
Surrogates	SRec Limit	* Rec.		······································
p-Terphenyl-D14	75-125	87	<u> </u>	
American Environmental Testing Laboratory Inc.



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### ANALYTICAL RESULTS

Ordered By

Enviro-Chem Laboratories 1214 E. Lexington Avenue Pomona, CA 91766-

Telephone: (909)590-5905 Atun: Curtis Desilets

Page: Project ID:

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060406-35-43

AETL Job Number	Submitted	Client
36897	04/07/2006	ENVIRO

### Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846) QUALITY CONTROL REPORT

QC Batch No: 040706 Sample Spiked: 36897.03 QC Prepared: 04/07/2006 QC Analyzed: 04/07/2006 Units: mg/Kg

	Sample	MS	MS	MS	MS DUP	MS DUP	MS DUP	RPD	MS/MSD	MS RPD
Analytes	Result	Солсеп	Recov	% REC	Concen	Recov	% REC	%	% Limit	% Limit
Benzo(a)anthracene	0,0	0.05	0.05	99	0.05	0.05	102	3.0	75-125	<20
Benzo(a)pyrene	0.0	0.05	0,05	98	0.05	0.05	100	2.0	75-125	<20
Naphthalenc	0.0	0.50	0.51	101	0.50	0.51	101	<1	75-125	<20

QC Batch No: 040706 Sample Spiked: 36897.03 QC Prepared: 04/07/2006 QC Analyzed: 04/07/2006 Units: mg/Kg

	LCS	LCS	LCS	LCS/LCSD			i			ļ
Analytes	Concen	Recov	% REC	% Limit		{				
Benzo(a)anthracene	0.05	0.05	105	75-125		į —			i	τ ι ·
Benzo(a)pyrenc	0.05	0.05	99	75-125					1	
Naphthalene	0.50	0.51	102	75-125					<u> </u>	i
LCS										
Accnaphthene	0.50	0.49	99	75-125		i		1		
Accnaphthylenc	1.00	1.01	101	75-125						i
Anthracene	0.05	0.05	107	75-125				1		
Bcnzo(b)fluoranthene	0.10	0.10	101	75-125					!	
Bcnzo(g,h,i)pcrylenc	0.10	0.10	101	75-125						
Benzo(k)fluoranthene	0.05	0.05	103	75-125	· · · ·	[	<u> </u>			
Chrysenc	0.05	0.05	105	75-125						i "
Dibenzo(a,h)anthracene	0.10	0.10	100	75-125			1			
Fluoranthene	0.10	0.10	96	75-125		·	]		i	
Fluorene	0.10	0.10	99	75-125						<u> </u>
Indeno(1,2,3-cd)pyrenc	0.05	0.06	110	75-125		i				
Phenanthrenc	0.05	0.05	99	75-125						
Pyrcne	0.05	0.05	95	75-125						

Enviro-Criem, Inc. Laboratories 1214 E. Lexington Avenue, Pomona, CA 91766 Tel: (909) 590-5905 Fax: (909) 590-5907 CA-DHS ELAP CERTIFICATE # 1555		0 Same 0 24 Ho 0 24 Ho 0 48 Ho 0 72 Ho 0 72 Ho 0 1 Wee Other:	roun Day wis wis ek (Standard)	×	- CONTAINERS	ERATURE	ERVATION	All S					[]	1		/ marti	
SAMPLE ID		S DA	AMPLING TE TIME	MATR	No. O	TEMP	PRESI		Analysis Requ					ed	•	COMMENTS	5
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1 -31	36897.02			1	1												
- 39	36897.03																
-41	36897.04																
V -49	36897.05	V		V	1		V	$\star$	·						ŀ		
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Address: 1214 El	exingtont	m?			Tel:	6	109-0	ĤŌ	-59	05		P	roject Na In L	ame/ID:	: Malau	,35-43	
City/State/Zip: POMON	RIGA 417	66	I		Fax:	.9	<u>89-50</u>	10-	<u>590</u>	77-	<u></u>		00	1071	-01	,-	
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## Enviro – Chem, Inc. 1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

MET CUSTOMER: Leighton Consul 10532 Acacia, & Rancho Cucamong Tel(909)484-220 PROJECT: McKahn 20-Acre We	HOD BLANK REPOR lting Suite B-6 ya, CA 91730 D5 Fax(909)484-2170 est / 021906-003 DATE RECEI	YED - 04 (06)	(06	
MATRIX: SOIL	DATE EXTRA	CTED: 04/07	7/06	
SAMPLING DATE:04/06/06	DATE ANALY	ZED:04/07/	<u>/06</u>	
REPORT TO: Mr. TONY CHAKUR	IAN DATE REPOR	TED: 04/14/	06	
METHOD BLANK FOR	R LAB I.D.:060406-35,-3	7,-39,-41,	-43	
Polynuclear Unit: Mg/Kg	Aromatic Hydrocarbons Method: EPA 8310 = Milligram per Kilogr	Analysis am = PPM		
PARAMETER	SAMPLE RESULT	PQL	MDL	DF
ACENAPHTHENE	ND	0.02	0.01	1
ACENAPHTHYLENE	ND	0.02	0.01	1
ANTHRACENE	ND	0.02	0.01	1
BENZO ( a ) ANTHRACENE	<u>ND</u>	0.02	0.01	<u>1</u>
BENZO (a) PYRENE	ND	0.02	0.01	1
BENZO (b) FLUORANTHENE	ND	0.02	0.01	<u>1</u>
BENZO(k)FLUORANTHENE	ND	0.02	0.01	<u>1</u>
BENZO(g,h,i)PERYLENE	ND	0.02	0.01	1
CHRYSENE	<u>ND</u>	0.02	0.01	1
DIBENZ(a, h) ANTHRACENE	ND	0.02	0.01	<u>    1</u>
FLUORANTHENE	ND	0.02	0.01	1
FLUORENE	ND	0.02	0.01	
INDENO(1,2,3-cd) PYRENE	<u>ND</u>	0.02	0.01	1
NAPHTHALENE	<u>ND</u>	0.02	0.01	$-\frac{1}{1}$
PHENANTHRENE	ND	0.02	0.01	
PYRENE	<u>ND</u>	0.02	0.01	
DF = DILUTION FACTOR MDL = METHOD DETECTION LIN ACTUAL DETECTION LIMIT = 1 PQL = PRACTICAL QUANTITAT: J = TRACE CONCENTRATION BI ND = BELOW THE ACTUAL DET	MIT PQL X DF ION LIMIT ETWEEN MDL and FQL ECTION LIMIT OR NON-DET	ECTED		

DATA REVIEWED AND APPRO CAL-DHS CERTIFICATE # 1555

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<b>E o-C n</b> , <b>I L</b> 1214 E. Lexington Ave Pomona, CA 91766 Tel: (909) 590-5905 Fax: <b>CA-DHS ELAP CERTIFICA</b>	a <b>atoh</b> nue, (909) 590-5907 TE <b>#</b> 1555	Turngrouped Time 0 Same Day 0 24 Hours 0 48 Hours 0 72 Hours 1 Week (Standard) Other:	×	- CONTAINERS	ERATURE	ERVATION	Ocp. a.	TH BOCK	CAM 12 600				SC.	•
SAMPLE ID	LAB ID	SAMPLING DATE TIME	MATR	No. OI	TEMP	PRES		Ana	lysis	Req	uired		СОМ	MENTS
B-1-0.5	060406-35	4/6/04	soil	J	4° c	NO	$\square$	$\overline{\mathcal{N}}$	$\square$					
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B-2-05	-31						$\square$	$\Delta Z$	14				ļ	
B-2-2.5	-38										-		Hold	
8-3-05	-39	/_	┠	$\square$							┝─┥		ļ	
8-3-2.5	-40	<u>  </u>			- -								Hold	
B-4-0.5	-41	<b>  _</b>			$\square$		$\bowtie$	Δ			-		ļ	·
B-4-25	-42		┨╌┧──	$\square$									HOLD	
8-5-0.5	-43	<b> </b>						$\angle \!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$			- +		ļ	
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Address:		· · · ·		Tel:	90	9)4	84 -	2203	5	Proje	ct Name	110: ahn 2	.O -there hi	)est
City/State/Zip:	Ranchy Lucan	nonga. CA	[	Fax: (	99	9348	39-	2170	>		02	1906	-003	
Relinquished by:	<b>.</b>	Received	by: N	2SA	cr\$			Date		1805	Instruc	ctions for S	ample Storage	After Analysi
Relinquished by:		Received	by:		- T			Date &	& Time:		O Dispos	e of ORetu	um to Client O Sto	re (30 Days)
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# Important Information About Your Geoenvironmental Report

Geoenvironmental studies are commissioned to gain information about environmental conditions on and beneath the surface of a site. The more comprehensive the study, the more reliable the assessment is likely to be. But remember: Any such assessment is to a greater or lesser extent based on professional opinions about conditions that cannot be seen or tested. Accordingly, no matter how many data are developed, risks created by unanticipated conditions will always remain. *Have realistic expectations*. Work with your geoenvironmental consultant to manage known and unknown risks. Part of that process should already have been accomplished, through the risk allocation provisions you and your geoenvironmental professional discussed and included in your contract's general terms and conditions. This document is intended to explain some of the concepts that may be included in your agreement, and to pass along information and suggestions to help you manage your risk.

### Beware of Change; Keep Your Geoenvironmental Professional Advised

The design of a geoenvironmental study considers a variety of factors that are subject to change. Changes can undermine the applicability of a report's findings, conclusions, and recommendations. *Advise your geoenvironmental professional about any changes you become aware of.* Geoenvironmental professionals cannot accept responsibility or liability for problems that occur because a report fails to consider conditions that did not exist when the study was designed. Ask your geoenvironmental professional about the types of changes you should be particularly alert to. Some of the most common include:

- modification of the proposed development or ownership group,
- sale or other property transfer,
- replacement of or additions to the financing entity,
- amendment of existing regulations or introduction of new ones, or
- changes in the use or condition of adjacent property.

Should you become aware of any change, *do not rely on a geoenvi*ronmental report. Advise your geoenvironmental professional immediately; follow the professional's advice.

### Recognize the Impact of Time

A geoenvironmental professional's findings, recommendations, and conclusions cannot remain valid indefinitely. The more time that passes, the more likely it is that important latent changes will occur. *Do not rely on a geoenvironmental report if too much time has elapsed since it was completed.* Ask your environmental professional to define "too much time." In the case of Phase I Environmental Site Assessments (ESAs), for example, more than 180 days after submission is generally considered "too much."

### Prepare To Deal with Unanticipated Conditions

The findings, recommendations, and conclusions of a Phase I ESA report typically are based on a review of historical information, interviews, a site "walkover," and other forms of noninvasive research. When site subsurface conditions are not sampled in any way, the risk of unanticipated conditions is higher than it would otherwise be.

While borings, installation of monitoring wells, and similar invasive test methods can help reduce the risk of unanticipated conditions, *do not overvalue the effectiveness of testing*. Testing provides information about actual conditions only at the precise locations where samples are taken, and only when they are taken. Your geoenvironmental professional has applied that specific information to develop a general opinion about environmental conditions. *Actual conditions in areas not sampled may differ (sometimes sharply) from those predicted in a report.* For example, a site may contain an unregistered underground storage tank that shows no surface trace of its existence. *Even conditions in areas that were tested can change*, sometimes suddenly, due to any number of events, not the least of which include occurrences at