Appendix E – Phase I Environmental Site Assessment



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M&A Project No. MA-2003-2

Phase I Environmental Site Assessment of a 60-acre Property (APNs 174-281-13 and 299-213-11, 12, and 13) Redlands, California

Prepared for:

GRIFFIN INDUSTRIES Inland Empire Division 4710 Riverwalk Parkway Riverside, California 92505

Attention: Bruce Strickland

Prepared by:

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22 January 2003

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Stanley Yeh Staff Scientist

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William C. Hass, P.E. Senior Engineer (C033772)

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LIST OF ACRONYMS

ASTM	Lawrence	American Society for Testing Materials
bgs		below ground surface
DOGGR		Division of Oil, Gas, and Geothermal Resources
DWR		California Department of Water Resources
EDR		Environmental Data Resources, Inc.
ESA		Phase I Environmental Site Assessment
M&A		Meredith & Associates, Inc.
msl		mean sea level
pCi/L		pico curies per liter
RWQCB		Santa Ana Regional Water Quality Control Board
USEPA		US Environmental Protection Agency
USGS		United States Geological Survey
UST		underground storage tank

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1.0 INTRODUCTION

Meredith & Associates (M&A) was retained by Griffin Industries to conduct a Phase I Environmental Site Assessment (ESA) of an approximately 60-acre property located in Redlands, California (hereinafter, the "Property"). The scope of work was in general accordance with ASTM's *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E 1527-00)*, published July 2000. M&A understands that Griffin Industries will be relying on the contents of this ESA report for purposes of evaluating risks associated with the proposed property acquisition.

The goal of M&A's investigation was to determine if environmentally sensitive uses occurred at the Property. General research activities performed for this assessment include:

- Property reconnaissance
- Agency environmental database search
- Agency file requests and reviews
- Historical and current maps review
- Historical aerial photographs review
- Environmental setting (e.g., geology, hydrology, etc.).

2.0 PROPERTY DESCRIPTION

2.1 LOCATION AND CURRENT USE

The Property is located in the City of Redlands, County of San Bernardino, California (see Figure 1). The Property is more specifically depicted as Parcel Nos. 174-281-13 (roughly 36 acres); 299-213-13 (roughly 9 acres); and 299-213-11 and 299-213-12 (roughly 15 acres) at the San Bernardino County Assessor's Office (see Figure 2) and in the Thomas Guide (1994) on map page 29/30 at coordinates F5/A5. It is bounded by farm houses and orchards to the north, residential housing to the west, undeveloped land to the east, and Interstate 10 to the south. At the time of the Property reconnaissance, the Property was vacant, undeveloped land.

2.2 TOPOGRAPHY

The Property is located variously in Section 6, Township 2 South, Range 2 West; Section 31, Township 1 South, Range 2 West; and Section 36, Township 3 West, Range 1 South on the Redlands Quadrangle (USGS 1967, Photo revised 1988) at approximate West Longitude 117° 8' 23.6" and North Latitude 34° 2' 11.4". Elevation across the Property varies from approximately 1,800 to 2,000 feet above mean sea level (msl). The regional topographic gradient in the vicinity of the Property generally is toward the west-northwest.

2.3 REGIONAL GEOLOGY AND HYDROGEOLOGY

The Property is located in the upper Santa Ana River valley (DWR, 1980) and lies within the Bunker Hill Groundwater Sub-basin, bounded by the northwest-trending San Andreas and San Jacinto faults (RWQCB, 1984). Several northeast-trending groundwater barriers divide portions of the basin into groundwater sub-basins. These hydrologic barriers are inferred from drops in the groundwater level and probably represent faults. According to the EDR Report, groundwater was measured at a depth of 150-175 feet below ground surface (bgs), approximately 0.8 mile east of the Property. Groundwater was reported to flow to the west-southwest.

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3.0 NEARBY LAND USES

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Land uses adjacent to and near the Property are shown on Figure 2. The Property is bordered by farm houses and orchards to the north, Interstate 10 to the south, residential housing to the west, and undeveloped land to the east. Electrical transmission lines were located along the southern border of the Property along Reservoir Road, which parallels Interstate 10.

4.0 RECORDS RESEARCH

Various records for the Property and surrounding area were researched, solicited, and/or reviewed, including environmental databases (i.e., site lists), street directories, and regulatory agency files. The results of these efforts are summarized in the following sections.

4.1 AGENCY LISTS/PUBLISHED DOCUMENTS REVIEW

A search of available Federal, State, and local environmental database records for the Property and nearby sites was requested from Environmental Data Resources (EDR), on 7 January 2003. In general, the databases include sites that generate, store, treat, or dispose of hazardous substances, as well as sites where hazardous substance releases have contaminated soil and/or groundwater. Sites of particular interest include those with historical or active underground storage tanks (USTs), especially in instances where the USTs have leaked. The EDR report meets the government records search requirements of ASTM E 1527-00; search distances were in accordance with this standard.

The Property was not identified in any of the databases searched by EDR. No sites of potential environmental interest were located within 1.0 mile from the Property. The complete EDR report is included as Appendix A.

4.2 HISTORICAL AERIAL PHOTOGRAPHS REVIEW

On 10 and 13 January 2003, M&A reviewed historical aerial photographs of the Property and surrounding area available from the Fairchild Aerial Photography Collection (Whittier College, Whittier, California) and from RUPP Aerial Photography (Corona, California). A list of the photographs reviewed, including date, flight number, and frame, is included in Table 1. Observations and interpretations derived from the photographs are summarized below:

- <u>1946</u> The Property was undeveloped land covered with scrub vegetation. No structures of any kind were observed. Four building structures were observed on lands north of the Property surrounded by cultivated fields (i.e., row crops).
- <u>1952</u> No changes were observed on the Property. No significant changes were observed in the surrounding area.
- <u>1953</u> No changes were observed on the Property. No significant changes were observed in the surrounding area.
- <u>1961</u> No changes were observed on the Property. No significant changes were observed in the surrounding area.
- <u>1967</u> A dirt road had been created at the southwest corner of the Property. No other changes were observed on the Property. The majority of the row crops on lands to the north of the Property had been removed. Interstate 10 was visible to the south of the Property.

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- <u>1978</u> A small area on the southwest part of the Property was cleared of scrub vegetation. A soil borrow area may have been present in this general area as identified on the 1980 and 1988 historical USGS quadrangle maps (see Section 4.3 herein). No significant changes were observed in the surrounding area.
- <u>1986</u> The cleared area on the southwest part of the Property appeared now to be covered again with scrub vegetation. No other changes were observed on the Property. Additional scattered farm houses and residences were observed in the surrounding area.
- <u>1997</u> No changes were observed on the Property. No significant changes were observed in the surrounding area.

4.3 HISTORICAL MAPS REVIEW

Fire Insurance Maps from the Sanborn Atlas Collection for the Property were researched by EDR. Maps that included the Property and vicinity were not found. However, historical USGS topographical quadrangle maps were obtained from EDR and were researched to identify previous land uses for the Property and surrounding area. Interpretations from these maps are summarized below; copies of the historical USGS quadrangle maps are included in Appendix B.

- <u>1901</u> The Property was vacant and void of any structures. The area surrounding the Property was similar in nature. The City of Redlands can be seen to the northwest.
- <u>1954</u> Wabash Avenue extended south to north through the approximate center of the Property. The western part of the Property was covered with scrub vegetation. Buildings or other structures were not identified on the Property. The surrounding area consisted variously of orchards and scrub vegetation. A dual highway with a median strip identified as Highway 70 and 99 was observed along the southern boundary of the Property.
- <u>1967</u> No changes were observed on the Property. Scattered building structures were observed in the surrounding area. The dual highway along the southern boundary of the Property was now identified as Interstate 10.
- <u>1980</u> A soil borrow area was noted on the southwest part of the Property. No other changes were observed on the Property. No significant changes were observed in the surrounding area.
- <u>1988</u> No changes were observed on the Property. No significant changes were observed in the surrounding area.

4.4 AGENCY CONTACTS/FILE REVIEWS

Environmental agencies typically will not have records for a site unless it is included in one of the database lists that are searched by EDR. As indicated in Section 4.1, the subject Property was not listed in any of the databases searched by EDR. Nevertheless, various State and regional agencies were contacted to determine if any historical activities were conducted at the Property. The results of these research efforts are summarized in the following sections.

4.4.1 City of Redlands

Files were requested and/or reviewed from the following City agencies:

• <u>Department of Building and Safety</u> – Files from this agency were reviewed to identify building permits and violations for the Property address. No records were found.

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Agency file requests for the City of Redlands relating to hazardous materials are handled by the County of San Bernardino.

4.4.2 County of San Bernardino

Files were requested and/or reviewed from the following County agencies:

- <u>Agricultural Commissioner</u> Records regarding current and historical use of pesticides at the Property were requested from this agency. No records were located.
- <u>Assessor's Office</u> Information regarding ownership records of the Property was obtained from this Agency. The current owners of record are listed in the following table:

Current Owner	Year	APN
Shen, Mei-Mei (HW/Ai-Ken)	1/9/80	174-281-13
King, James Yi-Min		
King, Lorraine Lan-Hang		
Hillside Partners	8/16/88	299-213-13
Totaro, Vincent		
Vergon, Michel E.	11/1/99	299-213-11
Cecile Family Trust		299-213-12

 <u>Fire Department (Hazardous Materials Division</u>) – Records regarding underground storage tanks and/or the storage or use of hazardous materials were requested for the Property. No records were located.

4.4.3 State of California

Files were requested and/or reviewed from the following State agencies:

- <u>Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR)</u> Maps were reviewed to identify the presence of current and/or past petroleum exploration and production on the Property. No oil wells/fields were located on or within a 0.5 mile radius of the Property as identified on DOGGR Map Sheet W1-7, dated 20 February 1988.
- 4.4.4 Federal Government

Information was requested from the following Federal agency:

United States Environmental Protection Agency (USEPA) – Information was requested from this agency to identify radon levels within San Bernardino County. The ranking system ranges from Zone 1 to Zone 3, with Zone 1 representing the highest risk. Zone 1 counties have a predicted average indoor radon screening level of greater than 4 pico curies per liter (pCi/L), the concentration at which USEPA recommends that actions be taken to reduce indoor radon air concentrations. The EDR report in Appendix A listed radon information for 2 sites tested in San Bernardino County. First floor residences had an average radon level of 0.5 pCi/L, a level which is less than the EPA prescribed action level of 4.0 pCi/L.

5.0 PREVIOUS INVESTIGATIONS

No records were located regarding previous environmental investigations or due diligence-type assessments that may have been conducted at the Property.

6.0 PROPERTY RECONNAISSANCE AND RELATED INTERVIEWS

M&A conducted a reconnaissance of the Property on 8 January 2003. Photographs documenting Property conditions at the time of the inspection are provided in Appendix C. A layout of the Property is displayed in Figure 2. M&A also contacted the Property owners to obtain available background information. M&A was told that the Property to their knowledge had always been undeveloped land.

At the time of the inspection, the Property was vacant and undeveloped land. In the southwest area of Parcel 2 of the Property, "paintball" shooting activities appeared to have occurred. Various wooden targets, shields, and hand-dug trenches were observed throughout this area. Numerous paintballs also were observed throughout this area. M&A has determined based on information obtained from <u>www.caimspaintball.com</u>, that paintballs are composed of water soluble paint encapsulated by a polyethylene glycol shell. When the shell is exposed to water, it slowly decomposes, leaving little or no permanent residue. Research further confirmed that ingredients of the paintballs are nontoxic and do not pose human health or an environmental risk.

Ranch houses, barns, and horse corrals existed along the northeastern border of the Property. Electrical transmission lines were present along the southern border of the Property. Interstate 10 was located farther to the south. An irrigation control structure was observed in the southwestern part of Parcel 1 of the Property. Water could be heard seeping into the structure.

Soil and debris (mostly asphalt and concrete) piles were observed on the southeast part of Parcel 1 of the Property. In addition, discarded items (e.g., cardboard boxes, beer bottles, furniture, appliances, tires, construction debris (wood fences, plasterboard, stone work, waste-plywood), sandbags) were observed along a dirt road on Parcels 2 and 3 of the Property. Evidence of hazardous materials or wastes was not observed in any of the soil and debris piles or among the discarded items.

Signs indicating the presence of a high pressure gas pipeline operated by Southern California Gas Company were observed throughout the Property. The exact alignment of the pipeline could not be discerned.

No evidence of building structures was observed at the Property. No staining or spillage of chemicals, discolored surfaces, distressed vegetation, or ponded liquid was evident. Evidence of underground/aboveground fuel or chemical storage tanks was not observed.

7.0 FINDINGS

Significant findings of this ESA are summarized in the following sections.

7.1 PROPERTY

• The Property presently is vacant and undeveloped land. Based on historical aerial photographs and historical topographic maps dating back to 1901, the Property has remained essentially unchanged.

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- A soil borrow area was identified on the southwest part of Parcel 1 of the Property on the 1980 and 1988 historical topographic maps. The Property reconnaissance confirmed the possibility of this prior use; the area and slope of operation would have been quite small.
- A small area on the southwest part of Parcel 2 of the Property recently was used for "paintball" shooting activities. Research confirmed that ingredients of paintballs are water soluble, nontoxic, and do not pose a human health risk or an environmental risk to this particular area of the Property.
- Soil and debris (mostly asphalt and concrete) piles were observed during the Property reconnaissance in the same general area on Parcel 1 where the soil borrow area had been identified. In addition, discarded items (e.g., furniture, appliances, etc.) were observed along a dirt road on Parcels 2 and 3 of the Property. Hazardous materials or wastes were not observed in any of the soil and debris piles or among the discarded items.
- The Property was not identified in any of the environmental regulatory databases searched in the EDR report. Research of agency files likewise did not reveal any environmental issues associated with the Property.

7.2 PROPERTY VICINITY

- The area surrounding the Property is comprised of farm houses, orchards, and residential housing. Historically, land use in the vicinity of the Property has not changed.
- No sites with documented environmental concerns were identified within at least a 0.5 mile radius of the Property in any of the environmental regulatory databases searched in the EDR report.

8.0 CONCLUSIONS

M&A has performed a Phase I ESA in conformance within the scope and limitations of ASTM E 1527-00 for an approximately 60-acre Property located in Redlands, California. Any exceptions to, or deletions from, this practice are described in Section 11.0 of this report. This assessment revealed no evidence of recognized environmental conditions in connection with the Property. It is M&A's opinion that the Property is suitable for its intended purposes and that no further environmental investigation is necessary at this time.

9.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

This ESA was conducted under the direct oversight of William C. Hass, P.E., a Senior Engineer with M&A Mr. Hass has more than 20 years of technical and management experience in due diligence-type site assessments, hazardous substance characterization, environmental audits, invasive site investigations, risk assessments, feasibility studies, and remediation projects. He is a registered professional engineer in the State of California; his registration number appears on the cover of this report.

10.0 LIMITATIONS

The ESA document has been based predominantly on information collected, compiled, or provided by entities other than M&A. The firm makes no representation as to the professionalism of those analysts, or to the thoroughness or validity of agency-generated information. M&A is not an insurer; any payments received pursuant to this Agreement are based solely on the value of M&A's services and are unrelated to the value of the client's property, or to the cost for the remediation of any environmental contamination or other environmental

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liabilities, if any. Changes in regulatory policy/requirements and technological advances that post-date the ESA report obviously are beyond its scope. Unless M&A has been negligent in performing this ESA, then M&A shall not be responsible for any direct, incidental, indirect, or consequential damages (including loss of profits) incurred by the client or by any third party occasioned by services performed by M&A, or by the application or use of the report by the client or others. Moreover, the client assumes all of the risks and liabilities associated with any environmental contamination of the referenced property, as well as any other environmental liability related to the property.

11.0 REFERENCES

American Society for Testing and Materials (ASTM). 2000. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. West Conshohocken, Pennsylvania.

California Regional Water Quality Control Board (RWQCB). 1984. Water Quality Control Plan, Santa Ana River Basin (8).

Department of Water Resources (DWR). 1980. Ground Water Basins in California, Bulletin 118-80.

Environmental Data Resources, Inc. (EDR). 2003. Historical Topographic Map Report for Sunset Drive/Wabash Avenue, Redlands, California 92374, 10 January 2003.

Environmental Data Resources, Inc. (EDR). 2003. Radius Map with Geocheck for Sunset Drive/Wabash Avenue, Redlands, California 92374, 7 January 2003.

United States Geological Survey (USGS). 1967. 7.5-Minute Topographic Sheet for the Redlands Quadrangle.

TABLE

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TABLE 1

Historical Aerial Photographs Reviewed For the Property Located in: Redlands, California

Date	Flight No.	Frame No(s).	Source
12/12/46	C-10835	1:142-144	Fairchild Aerial Photography Collection
8/15/52	C-17979	6:40-41; 8:93-95; 9:20-22	Fairchild Aerial Photography Collection
8/28/53	AXM-2K	5	RUPP Aerial Photo
6/14/61	AXM-2BB	134	RUPP Aerial Photo
7/15/67	AXM-5HH	122	RUPP Aerial Photo
9/20/78	278	No. 114	RUPP Aerial Photo
10/13/86	RSB	128	RUPP Aerial Photo
9/22/97		SB45	RUPP Aerial Photo

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FIGURES

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APPENDIX A

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ENVIRONMENTAL DATA RESOURCES (EDR) REPORT

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The EDR Radius Map with GeoCheck[®]

Sunset Drive/Wabash Avenue Sunset Drive/Wabash Avenue Redlands, CA 92374

Inquiry Number: 906792.5s

January 07, 2003

Eps[®] Environmental Data Resources, Inc.

The Source For Environmental Risk Management Data

3530 Post Road Southport, Connecticut 06890

Nationwide Customer Service

Telephone: 1-800-352-0050 Fax: 1-800-231-6802 Internet: www.edrnet.com

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

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A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

SUNSET DRIVE/WABASH AVENUE REDLANDS, CA 92374

COORDINATES

Latitude (North):	34.036500 - 34° 2' 11.4"
_ongitude (West):	117.139900 - 117° 8' 23.6"
Universal Tranverse Mercator:	Zone 11
JTM X (Meters):	487085.8
JTM Y (Meters):	3766017.2

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target	Property:
Source	:

2434117-A2 REDLANDS, CA USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

National Priority List
Proposed National Priority List Sites
Comprehensive Environmental Response, Compensation, and Liability Information
System
CERCLIS No Further Remedial Action Planned
Corrective Action Report
Resource Conservation and Recovery Information System
Resource Conservation and Recovery Information System
Resource Conservation and Recovery Information System
Emergency Response Notification System

STATE ASTM STANDARD

AWP	Annual Workplan Sites
Cal-Sites	Calsites Database
CHMIRS	California Hazardous Material Incident Report System
Cortese	"Cortese" Hazardous Waste & Substances Sites List

EXECUTIVE SUMMARY

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

FEDERAL ASTM SUPPLEMENTAL

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
FINDS	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS.	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES.	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, &
	Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST	Aboveground Petroleum Storage Tank Facilities
CLEANERS	Cleaner Facilities
CA WDS	Waste Discharge System
DEED	List of Deed Restrictions
CA SLIC	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
HAZNET	Hazardous Waste Information System
San Bern. Co. Permit.	Hazardous Material Permits

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas...... Former Manufactured Gas (Coal Gas) Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

EXECUTIVE SUMMARY

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

Site Name

REDLANDS - YUCAIPA RENTALS CHURCH ST. LANDFILL UNIVERSAL RUNDEL CITY OF REDLANDS WELL FIELD REDLANDS FARMING CO CHURCH STREET LANDFILL SAN TIMOTEO CANYON ROAD LLEGAL DUMP AG-JACINTO RANCHES S/E CORNER CITRUS/WABASH AVE COUNTY OF SAN BERNARDINO 1X RAM GURN INITIAL D S I Database(s)

LUST, Cortese, CA FID UST CERC-NFRAP CERC-NFRAP CERC-NFRAP CERC-NFRAP SWF/LF SWF/LF UST, San Bern. Co. Permit CA FID UST HAZNET HAZNET HAZNET



TARGET PROPERTY:	
ADDRESS:	
CITY/STATE/ZIP:	
LAT/LONG:	

January 07, 2003 1:24 pm



TARGET PROPERTY: ADDRESS: CITY/STATE/ZIP: LAT/LONG:

Sunset Drive/Wabash Avenue Sunset Drive/Wabash Avenue Redlands CA 92374 34.0365 / 117.1399 CUSTOMER: Meredith & Associates CONTACT: Stanley Yeh INQUIRY #: 906792.5s DATE: January 07, 2003 1:25 pm

MAP FINDINGS SUMMARY

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Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	<u>1/2 - 1</u>	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL Proposed NPL CERCLIS CERC-NFRAP CORRACTS RCRIS-TSD RCRIS Lg. Quan. Gen. RCRIS Sm. Quan. Gen. ERNS		1.000 1.000 0.500 0.250 1.000 0.500 0.250 0.250 TP	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NR NR 0 NR NR NR	NR NR NR NR NR NR NR NR	0 0 0 0 0 0 0 0 0
STATE ASTM STANDARD								
AWP Cal-Sites CHMIRS Cortese Notify 65 Toxic Pits State Landfill WMUDS/SWAT LUST CA Bond Exp. Plan UST VCP INDIAN UST CA FID UST HIST UST	NTAL	$\begin{array}{c} 1.000\\ 1.000\\ 1.000\\ 1.000\\ 1.000\\ 0.500\\ 0.500\\ 0.500\\ 1.000\\ 0.250\\ 0.250\\ 0.250\\ 0.250\\ 0.250\\ 0.250\\ \end{array}$	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		000000000 Norr	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NR NR NR NR NR NR NR NR NR NR NR NR NR N	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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STATE OR LOCAL ASTM SU	PPLEMENTA	<u>L</u>						
AST		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	<u>1/2 - 1</u>	> 1	Total Plotted
CLEANERS		0.250	0	0	NR	NR	NR	0
CAWDS		TP	NR	NR	NR	NR	NR	0
DEED		TP	NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	0	NR	NR	0
HAZNET		0.250	0	0	NR	NR	NR	0
San Bern. Co. Permit		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY HIST	ORICAL DATAB	ASES						
				Ø				
Coal Gas AQUIFLOW - see EDR F	hysical Setting	1.000 Source Adde	0 ndum	0	0	0	NR	0

TP = Target Property

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איי 1 NR = Not Requested at this Search Distance

* Sites may be listed in more than one database



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EDR ID Number Database(s) EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

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NO SITES FOUND

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City	EDR ID	Site Name	Site Address	Zip	Database(s)
MENTONE	S103958846	COUNTY OF SAN BERNARDINO	NW CORNER OF HWY 38 / OPAL ST	92374	HAZNET
REDLANDS	S102796384	1X RAM GURN	31583 AUTOHWY 10	92373	HAZNET
RÉDLANDS	1003877956	CHURCH ST. LANDFILL	CHURCH ST. (AT THE SANTA ANA RIVER)	92373	CERC-NFRAP
REDLANDS	S101591751	S/E CORNER CITRUS/WABASH AVE	SE CIR OF WABASH / CITR AVE	92374	CA FID UST
REDLANDS	U003784998	AG-JACINTO RANCHES	CITRUS & WABASH SE COR AVE	92374	UST, San Bern. Co. Permit
REDLANDS	S105003806	CHURCH STREET LANDFILL	N END OF CHURCH ST.; N OF PIONEER ST		SWF/LF
REDLANDS	1003877955	UNIVERSAL RUNDEL	OPAL AVE-300 FT. N OF SAN BERNARDINO AV.	92373	CERC-NFRAP
REDLANDS	S101629411	REDLANDS - YUCAIPA RENTALS	32194 OUTER HWY	92373	LUST, Cortese, CA FID UST
REDLANDS	S104568664	INITIAL D S I	32185 OUTER HWY AO	92373	HAZNET
REDLANDS	1003878710	CITY OF REDLANDS WELL FIELD	PENNSYLVANIA AVE	92373	CERC-NFRAP
REDLANDS	1003879085	REDLANDS FARMING CO	SAN BERNARDINO AVE E OF TEXAS	92373	CERC-NFRAP
RÉDLANDS	S104493110	SAN TIMOTEO CANYON ROAD LLEGAL DUMP	SAN TIMOTEO CANYON RD.		SWF/LF

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

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

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

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

Date of Government Version: 10/24/02 Date Made Active at EDR: 12/09/02 Database Release Frequency: Semi-Annually

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

Source: EPA Telephone: N/A

> Date of Government Version: 10/24/02 Date Made Active at EDR: 12/09/02 Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02 Elapsed ASTM days: 35 Date of Last EDR Contact: 11/04/02

EPA Region 6 Telephone: 214-655-6659

EPA Region 8 Telephone: 303-312-6774

> Date of Data Arrival at EDR: 11/04/02 Elapsed ASTM days: 35 Date of Last EDR Contact: 11/04/02

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

Source: EPA

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Telephone: 703-413-0223

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

Date of Government Version: 08/15/02 Date Made Active at EDR: 10/28/02 Database Release Frequency: Quarterly Date of Data Arrival at EDR: 09/23/02 Elapsed ASTM days: 35 Date of Last EDR Contact: 09/23/02

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

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

Date of Government Version: 09/15/02 Date Made Active at EDR: 10/28/02 Database Release Frequency: Quarterly

CORRACTS: Corrective Action Report

Source: EPA Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/29/02 Date Made Active at EDR: 12/26/02 Database Release Frequency: Semi-Annually

Elapsed ASTM days: 72 Date of Last EDR Contact: 12/09/02

RCRIS: Resource Conservation and Recovery Information System Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS 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).

Date of Government Version: 09/09/02 Date Made Active at EDR: 10/28/02 Database Release Frequency: Varies Date of Data Arrival at EDR: 09/24/02 Elapsed ASTM days: 34 Date of Last EDR Contact: 09/24/02

Date of Data Arrival at EDR: 10/03/02

Date of Last EDR Contact: 09/23/02

Date of Data Arrival at EDR: 10/15/02

Elapsed ASTM days: 25

ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

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

Date of Government Version: 12/31/01 Date Made Active at EDR: 07/15/02 Database Release Frequency: Varies Date of Data Arrival at EDR: 07/02/02 Elapsed ASTM days: 13 Date of Last EDR Contact: 10/28/02

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

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

Date of Government Version: 12/31/99 Database Release Frequency: Biennially Date of Last EDR Contact: 12/17/02 Date of Next Scheduled EDR Contact: 03/17/03

Date of Last EDR Contact: N/A

Date of Next Scheduled EDR Contact: N/A

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

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

Date of Government Version: N/A Database Release Frequency: Varies

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

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

Date of Government Version: 12/21/01 Database Release Frequency: Annually	Date of Last EDR Contact: 10/07/02 Date of Next Scheduled EDR Contact: 01/06/03
DELISTED NPL: National Priority List Deletions Source: EPA Telephone: N/A The National Oil and Hazardous Substances Pollution Contingency EPA uses to delete sites from the NPL. In accordance with 40 CF NPL where no further response is appropriate.	Plan (NCP) establishes the criteria that the FR 300.425.(e), sites may be deleted from the
Date of Government Version: 10/18/02 Database Release Frequency: Quarterly	Date of Last EDR Contact: 11/04/02 Date of Next Scheduled EDR Contact: 02/03/03
FINDS: Facility Index System/Facility Identification Initiative Program Source: EPA Telephone: N/A Facility Index System. FINDS contains both facility information and detail. EDR includes the following FINDS databases in this repor Information Retrieval System), DOCKET (Enforcement Docket us enforcement cases for all environmental statutes), FURS (Feder DocketSystem used to track criminal enforcement actions for all Information System), STATE (State Environmental Laws and Sta	Summary Report 'pointers' to other sources that contain more t: PCS (Permit Compliance System), AIRS (Aerometric sed to manage and track information on civil judicial al Underground Injection Control), C-DOCKET (Criminal environmental statutes), FFIS (Federal Facilities atutes), and PADS (PCB Activity Data System).
Date of Government Version: 10/10/02 Database Release Frequency: Quarterly	Date of Last EDR Contact: 10/07/02 Date of Next Scheduled EDR Contact: 01/06/03
HMIRS: Hazardous Materials Information Reporting System Source: U.S. Department of Transportation Telephone: 202-366-4555 Hazardous Materials Incident Report System. HMIRS contains haza Date of Government Version: 07/31/02	ardous material spill incidents reported to DOT. Date of Last EDR Contact: 10/21/02
Database Release Frequency: Annually MLTS: Material Licensing Tracking System Source: Nuclear Regulatory Commission Telephone: 301-415-7169 MLTS is maintained by the Nuclear Regulatory Commission and co possess or use radioactive materials and which are subject to NF EDR contacts the Agency on a quarterly basis.	Date of Next Scheduled EDR Contact: 01/20/03 Intains a list of approximately 8,100 sites which RC licensing requirements. To maintain currency,
Date of Government Version: 10/21/02 Database Release Frequency: Quarterly	Date of Last EDR Contact: 10/08/02 Date of Next Scheduled EDR Contact: 01/06/03
MINES: Mines Master Index File Source: Department of Labor, Mine Safety and Health Administrati Telephone: 303-231-5959	on
Date of Government Version: 09/10/02 Database Release Frequency: Semi-Annually	Date of Last EDR Contact: 09/30/02 Date of Next Scheduled EDR Contact: 12/30/02
NPL LIENS: Federal Superfund Liens Source: EPA Telephone: 205-564-4267 Federal Superfund Liens. Under the authority granted the USEPA to and Liability Act (CERCLA) of 1980, the USEPA has the authorit to recover remedial action expenditures or when the property ow USEPA compiles a listing of filed notices of Superfund Liens.	by the Comprehensive Environmental Response, Compensation y to file liens against real property in order vner receives notification of potential liability.

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Date of Government Version: 10/15/91 Date of Last EDR Contact: 11/25/02 Date of Next Scheduled EDR Contact: 02/24/03 Database Release Frequency: No Update Planned PADS: PCB Activity Database System Source: EPA Telephone: 202-564-3887 PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities. Date of Government Version: 09/20/02 Date of Last EDR Contact: 11/13/02 Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 02/10/03 RAATS: RCRA Administrative Action Tracking System Source: EPA Telephone: 202-564-4104 RCRA Administration Action Tracking System, RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database. Date of Government Version: 04/17/95 Date of Last EDR Contact: 12/10/02 Database Release Frequency: No Update Planned Date of Next Scheduled EDR Contact: 03/10/03 TRIS: Toxic Chemical Release Inventory System Source: EPA Telephone: 202-260-1531 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: 12/31/00 Date of Last EDR Contact: 09/24/02 Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 12/23/02 **TSCA:** Toxic Substances Control Act Source: EPA Telephone: 202-260-5521 Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site Date of Last EDR Contact: 12/10/02 Date of Government Version: 12/31/98 Date of Next Scheduled EDR Contact: 03/10/03 Database Release Frequency: Every 4 Years FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) Source: EPA Telephone: 202-564-2501 Date of Government Version: 10/24/02 Date of Last EDR Contact: 09/24/02 Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 12/23/02 SSTS: Section 7 Tracking Systems Source: EPA Telephone: 202-564-5008 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

Date of Government Version: 12/31/00 Database Release Frequency: Annually

being produced, and those having been produced and sold or distributed in the past year.

Date of Last EDR Contact: 10/22/02 Date of Next Scheduled EDR Contact: 01/20/03

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) Source: EPA/Office of Prevention, Pesticides and Toxic Substances Telephone: 202-564-2501

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: 10/24/02 Database Release Frequency: Quarterly Date of Last EDR Contact: 09/24/02 Date of Next Scheduled EDR Contact: 12/23/02

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites

Source: California Environmental Protection Agency Telephone: 916-323-3400

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

Date of Government Version: 10/04/02 Date Made Active at EDR: 10/23/02 Database Release Frequency: Annually

CAL-SITES: Calsites Database

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 10/01/00 Date Made Active at EDR: 11/22/00 Database Release Frequency: Quarterly Date of Data Arrival at EDR: 10/30/00 Elapsed ASTM days: 23 Date of Last EDR Contact: 10/08/02

Date of Data Arrival at EDR: 03/13/95

Date of Last EDR Contact: 11/25/02

Date of Data Arrival at EDR: 05/29/01

Elapsed ASTM days: 42

Date of Data Arrival at EDR: 10/07/02

Date of Last EDR Contact: 10/07/02

Elapsed ASTM days: 16

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-845-8400

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

Date of Government Version: 12/31/94 Date Made Active at EDR: 04/24/95 Database Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-9100

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/01 Date Made Active at EDR: 07/26/01 Database Release Frequency: Varies

Elapsed ASTM days: 58 Date of Last EDR Contact: 10/28/02

NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board

Telephone: 916-445-3846

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

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

TOXIC PITS: Toxic Pits Cleanup Act Sites Source: State Water Resources Control Board

Telephone: 916-227-4364

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

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

SWF/LF (SWIS): Solid Waste Information System

Telephone: 916-341-6320

Source: Integrated Waste Management Board Active. Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal

facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/13/02 Date Made Active at EDR: 10/08/02 Database Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board

Telephone: 916-227-4448

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

Date of Government Version: 04/01/00 Date Made Active at EDR: 05/10/00 Database Release Frequency: Quarterly Date of Data Arrival at EDR: 04/10/00 Elapsed ASTM days: 30 Date of Last EDR Contact: 12/10/02

Date of Data Arrival at EDR: 07/18/02

Date of Last EDR Contact: 10/11/02

Elapsed ASTM days: 47

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board

Telephone: 916-341-5740

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/11/02 Date Made Active at EDR: 09/03/02 Database Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services

Telephone: 916-255-2118

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

Date of Government Version: 01/01/89 Date Made Active at EDR: 08/02/94 Database Release Frequency: No Update Planned Date of Data Arrival at EDR: 07/27/94 Elapsed ASTM days: 6 Date of Last EDR Contact: 05/31/94

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Date of Data Arrival at EDR: 11/01/93 Elapsed ASTM days: 18 Date of Last EDR Contact: 10/21/02

Date of Data Arrival at EDR: 08/30/95

Date of Last EDR Contact: 11/04/02

Date of Data Arrival at EDR: 09/16/02

Date of Last EDR Contact: 12/17/02

Elapsed ASTM days: 27

Elapsed ASTM days: 22

CA UST:

UST: Active UST Facilities Source: SWRCB Telephone: 916-341-5700 Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/17/02 Date Made Active at EDR: 02/12/02 Database Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

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

Date of Government Version: 10/10/02 Date Made Active at EDR: 10/23/02 Database Release Frequency: Quarterly

INDIAN UST: Underground Storage Tanks on Indian Land Source: EPA Region 9 Telephone: 415-972-3368

Date of Government Version: N/A Date Made Active at EDR: N/A Database Release Frequency: Varies

CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency Telephone: 916-445-6532 Date of Data Arrival at EDR: 01/21/02 Elapsed ASTM days: 22 Date of Last EDR Contact: 10/16/02

Date of Data Arrival at EDR: 10/14/02 Elapsed ASTM days: 9 Date of Last EDR Contact: 10/14/02

Date of Data Arrival at EDR: N/A Elapsed ASTM days: 0 Date of Last EDR Contact: N/A

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: 10/31/94 Date Made Active at EDR: 09/29/95 Database Release Frequency: No Update Planned Date of Data Arrival at EDR: 09/05/95 Elapsed ASTM days: 24 Date of Last EDR Contact: 12/28/98

Date of Data Arrival at EDR: 01/25/91

Date of Last EDR Contact: 07/26/01

Elapsed ASTM days: 18

HIST UST: Hazardous Substance Storage Container Database Source: State Water Resources Control Board

Telephone: 916-341-5700

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

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

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities Source: State Water Resources Control Board Telephone: 916-227-4382 Registered Aboveground Storage Tanks.

> Date of Government Version: 11/20/02 Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02 Date of Next Scheduled EDR Contact: 02/03/03
 CLEANERS: Cleaner Facilities Source: Department of Toxic Substance Control Telephone: 916-225-0873 A list of drycleaner related facilities that have EPA ID numbers. T power laundries, family and commercial; garment pressing and and cleaning; drycleaning plants, except rugs; carpet and uphe garment services. 	hese are facilities with certain SIC codes: d cleaner's agents; linen supply; coin-operated laundries olster cleaning; industrial launderers; laundry and
Date of Government Version: 03/18/02	Date of Last EDR Contact: 10/07/02
Database Release Frequency: Annually	Date of Next Scheduled EDR Contact: 01/06/03
CA WDS: Waste Discharge System Source: State Water Resources Control Board Telephone: 916-657-1571 Sites which have been issued waste discharge requirements.	
Date of Government Version: 09/16/02	Date of Last EDR Contact: 09/23/02
Database Release Frequency: Quarterly	Date of Next Scheduled EDR Contact: 12/23/02
DEED: List of Deed Restrictions Source: Department of Toxic Substances Control Telephone: 916-323-3400 The use of recorded land use restrictions is one of the methods the exposures to hazardous substances and wastes.	he DTSC uses to protect the public from unsafe
Date of Government Version: 10/04/02	Date of Last EDR Contact: 10/07/02
Database Release Frequency: Semi-Annually	Date of Next Scheduled EDR Contact: 01/06/03
 HAZNET: Hazardous Waste Information System Source: California Environmental Protection Agency Telephone: 916-255-1136 Facility and Manifest Data. The data is extracted from the copies by the DTSC. The annual volume of manifests is typically 700, 350,000 - 500,000 shipments. Data are from the manifests sut some invalid values for data elements such as generator ID, T 	of hazardous waste manifests received each year ,000 - 1,000,000 annually, representing approximately pomitted without correction, and therefore many contain SD ID, waste category, and disposal method.
Date of Government Version: 12/31/00	Date of Last EDR Contact: 11/12/02
Database Release Frequency: Annually	Date of Next Scheduled EDR Contact: 02/10/03

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites Source: Alameda County Environmental Health Services Telephone: 510-567-6700

Date of Government Version: 12/02/02 Database Release Frequency: Semi-Annually

Underground Tanks

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

Date of Government Version: 11/26/02 Database Release Frequency: Semi-Annually Date of Last EDR Contact: 10/28/02 Date of Next Scheduled EDR Contact: 01/27/03

Date of Last EDR Contact: 10/28/02 Date of Next Scheduled EDR Contact: 01/27/03

CONTRA COSTA COUNTY:

Site List

Source: Contra Costa Health Services Department Telephone: 925-646-2286

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

Date of Government Version: 06/05/02 Database Release Frequency: Semi-Annually

Date of Next Scheduled EDR Contact: 03/03/03

Date of Last EDR Contact: 12/02/02

Date of Last EDR Contact: 11/12/02

FRESNO COUNTY:

CUPA Resources List

Source: Dept. of Community Health

Telephone: 559-445-3271

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

Date of Government Version: 10/31/02 Database Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tanks Listing

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

Date of Government Version: 06/01/02 Database Release Frequency: Quarterly

LOS ANGELES COUNTY:

List of Solid Waste Facilities

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

Date of Government Version: 10/28/02 Database Release Frequency: Varies

City of El Segundo Underground Storage Tank Source: City of El Segundo Fire Department

Telephone: 310-607-2239

Date of Government Version: 11/01/02 Database Release Frequency: Semi-Annually

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

> Date of Government Version: 05/30/02 Database Release Frequency: Annually

Date of Last EDR Contact: 12/02/02 Date of Next Scheduled EDR Contact: 03/03/03

Date of Next Scheduled EDR Contact: 02/10/03

Date of Last EDR Contact: 11/21/02 Date of Next Scheduled EDR Contact: 02/17/03

Date of Last EDR Contact: 11/18/02 Date of Next Scheduled EDR Contact: 02/17/03

Date of Last EDR Contact: 11/25/02 Date of Next Scheduled EDR Contact: 02/24/03

City of Torrance Underground Storage Tank Source: City of Torrance Fire Department Telephone: 310-618-2973

Date of Government Version: 08/01/02 Database Release Frequency: Semi-Annually

City of Los Angeles Landfills

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

Date of Government Version: 03/01/02 Database Release Frequency: Varies

HMS: Street Number List

Source: Department of Public Works Telephone: 626-458-3517 Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 08/29/02 Database Release Frequency: Semi-Annually

Site Mitigation List

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

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

San Gabriel Valley Areas of Concern

Source: EPA Region 9 Telephone: 415-972-3178 San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

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

MARIN COUNTY:

Underground Storage Tank Sites Source: Public Works Department Waste Management Telephone: 415-499-6647 Currently permitted USTs in Marin County.

Date of Government Version: 08/06/02 Database Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination Source: Napa County Department of Environmental Management Telephone: 707-253-4269

Date of Government Version: 09/30/02 Database Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management Telephone: 707-253-4269 Date of Last EDR Contact: 11/18/02 Date of Next Scheduled EDR Contact: 02/17/03

Date of Last EDR Contact: 12/17/02 Date of Next Scheduled EDR Contact: 03/17/03

Date of Last EDR Contact: 11/18/02 Date of Next Scheduled EDR Contact: 02/17/03

Date of Last EDR Contact: 11/18/02 Date of Next Scheduled EDR Contact: 02/17/03

Date of Last EDR Contact: 06/29/99 Date of Next Scheduled EDR Contact: N/A

Date of Last EDR Contact: 11/04/02 Date of Next Scheduled EDR Contact: 02/03/03

Date of Last EDR Contact: 09/30/02 Date of Next Scheduled EDR Contact: 12/30/02

Date of Government Version: 09/30/02 Database Release Frequency: Annually

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

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

Date of Government Version: 11/27/01 Database Release Frequency: Quarterly

List of Underground Storage Tank Facilities

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

Date of Government Version: 11/27/01 Database Release Frequency: Quarterly

List of Industrial Site Cleanups

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

Date of Government Version: 10/24/00 Database Release Frequency: Annually

PLACER COUNTY:

Master List of Facilities

Source: Placer County Health and Human Services Telephone: 530-889-7312 List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 10/22/02 Database Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Source: Department of Public Health Telephone: 909-358-5055 Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/26/02 Database Release Frequency: Quarterly

Underground Storage Tank Tank List Source: Health Services Agency Telephone: 909-358-5055

> Date of Government Version: 09/04/02 Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/30/02 Date of Next Scheduled EDR Contact: 12/30/02

Date of Last EDR Contact: 12/09/02 Date of Next Scheduled EDR Contact: 03/10/03

Date of Last EDR Contact: 12/09/02 Date of Next Scheduled EDR Contact: 03/10/03

Date of Last EDR Contact: 12/09/02 Date of Next Scheduled EDR Contact: 03/10/03

Date of Last EDR Contact: 09/23/02 Date of Next Scheduled EDR Contact: 12/23/02

Date of Last EDR Contact: 10/21/02 Date of Next Scheduled EDR Contact: 01/20/03

Date of Last EDR Contact: 10/21/02 Date of Next Scheduled EDR Contact: 01/20/03

SACRAMENTO COUNTY:

CS - Contaminated Sites

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

Date of Government Version: 06/11/02 Database Release Frequency: Quarterly

ML - Regulatory Compliance Master List

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

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

Date of Government Version: 06/11/02 Database Release Frequency: Quarterly Date of Last EDR Contact: 11/04/02 Date of Next Scheduled EDR Contact: 02/03/03

Date of Last EDR Contact: 11/04/02 Date of Next Scheduled EDR Contact: 02/03/03

SAN BERNARDINO COUNTY:

Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division Telephone: 909-387-3041 This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers,

hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/27/02 Database Release Frequency: Quarterly Date of Last EDR Contact: 09/10/02 Date of Next Scheduled EDR Contact: 12/10/02

Date of Last EDR Contact: 11/25/02

Date of Next Scheduled EDR Contact: 02/24/03

SAN DIEGO COUNTY:

Solid Waste Facilitles

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

Date of Government Version: 08/01/00 Database Release Frequency: Varies

Hazardous Materials Management Division Database

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

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

Date of Government Version: 03/31/02 Database Release Frequency: Quarterly Date of Last EDR Contact: 10/09/02 Date of Next Scheduled EDR Contact: 01/06/03

SAN FRANCISCO COUNTY:

Local Oversite Facilities

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

Date of Government Version: 09/16/02 Database Release Frequency: Quarterly

Underground Storage Tank Information Source: Department of Public Health

Telephone: 415-252-3920

Date of Government Version: 09/16/02 Database Release Frequency: Quarterly

SAN MATEO COUNTY:

Fuel Leak List

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

Date of Government Version: 10/28/02 Database Release Frequency: Semi-Annually

Business Inventory

Source: San Mateo County Environmental Health Services Division Telephone: 650-363-1921 List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

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

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District Telephone: 408-265-2600

Date of Government Version: 07/23/02 Database Release Frequency: Semi-Annually

Hazardous Material Facilities

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

Date of Government Version: 01/03/02 Database Release Frequency: Annually

SOLANO COUNTY:

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Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management Telephone: 707-421-6770

Date of Government Version: 06/01/02 Database Release Frequency: Quarterly

Underground Storage Tanks

Source: Solano County Department of Environmental Management Telephone: 707-421-6770 Date of Last EDR Contact: 12/09/02 Date of Next Scheduled EDR Contact: 03/10/03

Date of Last EDR Contact: 12/09/02 Date of Next Scheduled EDR Contact: 03/10/03

Date of Last EDR Contact: 10/28/02 Date of Next Scheduled EDR Contact: 01/27/03

Date of Last EDR Contact: 01/14/02 Date of Next Scheduled EDR Contact: 01/13/03

Date of Last EDR Contact: 09/30/02 Date of Next Scheduled EDR Contact: 12/30/02

Date of Last EDR Contact: 12/09/02 Date of Next Scheduled EDR Contact: 03/10/03

Date of Last EDR Contact: 12/16/02 Date of Next Scheduled EDR Contact: 03/17/03

Date of Government Version: 06/01/02 Database Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites Source: Department of Health Services Telephone: 707-565-6565

> Date of Government Version: 11/29/01 Database Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

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

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

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division Telephone: 805-654-2813

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

Date of Government Version: 09/01/02 Database Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division Telephone: 805-654-2813 Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/04/02 Database Release Frequency: Quarterly

Underground Tank Closed Sites List

Source: Environmental Health Division Telephone: 805-654-2813

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

Date of Government Version: 10/21/02 Database Release Frequency: Quarterly

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division Telephone: 805-654-2813

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

Date of Government Version: 09/13/02 Database Release Frequency: Quarterly Date of Last EDR Contact: 12/16/02 Date of Next Scheduled EDR Contact: 03/17/03

Date of Last EDR Contact: 10/28/02 Date of Next Scheduled EDR Contact: 01/27/03

Date of Last EDR Contact: 10/21/02 Date of Next Scheduled EDR Contact: 01/06/03

Date of Last EDR Contact: 11/25/02 Date of Next Scheduled EDR Contact: 02/24/03

Date of Last EDR Contact: 12/17/02 Date of Next Scheduled EDR Contact: 03/17/03

Date of Next Scheduled EDR Contact: 01/13/03

Date of Last EDR Contact: 10/14/02

Date of Last EDR Contact: 12/17/02 Date of Next Scheduled EDR Contact: 03/17/03

YOLO COUNTY:

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Underground Storage Tank Comprehensive Facility Report Source: Yolo County Department of Health Telephone: 530-666-8646	
Date of Government Version: 10/28/02 Database Release Frequency: Annually	Date of Last EDR Contact: 10/21/02 Date of Next Scheduled EDR Contact: 01/20/03
California Regional Water Quality Control Board (RWQCB) LUS	「Records
LUST REG 1: Active Toxic Site Investigation Source: California Regional Water Quality Control Board North Coast (1) Telephone: 707-576-2220 Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties please refer to the State Water Resources Control Board's LUST database.	. For more current information,
Date of Government Version: 02/01/01 Database Release Frequency: No Update Planned	Date of Last EDR Contact: 11/25/02 Date of Next Scheduled EDR Contact: 02/24/03
LUST REG 2: Fuel Leak List Source: California Regional Water Quality Control Board San Francisco Bay Regio Telephone: 510-286-0457	on (2)
Date of Government Version: 07/01/02 Database Release Frequency: Quarterly	Date of Last EDR Contact: 10/14/02 Date of Next Scheduled EDR Contact: 01/13/03
LUST REG 3: Leaking Underground Storage Tank Database Source: California Regional Water Quality Control Board Central Coast Region (3) Telephone: 805-549-3147	
Date of Government Version: 11/18/02 Database Release Frequency: Quarterly	Date of Last EDR Contact: 11/18/02 Date of Next Scheduled EDR Contact: 02/17/03
 LUST REG 4: Underground Storage Tank Leak List Source: California Regional Water Quality Control Board Los Angeles Region (4) Telephone: 213-266-6600 Los Angeles, Ventura counties. For more current information, please refer to the St Board's LUST database. 	ate Water Resources Control
Date of Government Version: 08/09/01 Database Release Frequency: No Update Planned	Date of Last EDR Contact: 09/30/02 Date of Next Scheduled EDR Contact: 12/30/02
LUST REG 5: Leaking Underground Storage Tank Database Source: California Regional Water Quality Control Board Central Valley Region (5) Telephone: 916-255-3125	
Date of Government Version: 10/01/02 Database Release Frequency: Quarterly	Date of Last EDR Contact: 10/08/02 Date of Next Scheduled EDR Contact: 01/06/03
LUST REG 6L: Leaking Underground Storage Tank Case Listing Source: California Regional Water Quality Control Board Lahontan Region (6) Telephone: 916-542-5424 For more current information, please refer to the State Water Resources Control Bo	pard's LUST database.
Date of Government Version: 01/02/02 Database Release Frequency: No Update Planned	Date of Last EDR Contact: 10/08/02 Date of Next Scheduled EDR Contact: 01/06/03

LUST REG 6V: Leaking Underground Storage Tank Case Listing Source: California Regional Water Quality Control Board Victorville Branch Office Telephone: 760-346-7491	(6)
Date of Government Version: 10/25/02 Database Release Frequency: Quarterly	Date of Last EDR Contact: 10/08/02 Date of Next Scheduled EDR Contact: 01/06/03
LUST REG 7: Leaking Underground Storage Tank Case Listing Source: California Regional Water Quality Control Board Colorado River Basin Re Telephone: 760-346-7491	gion (7)
Date of Government Version: 07/02/02 Database Release Frequency: Semi-Annually	Date of Last EDR Contact: 09/30/02 Date of Next Scheduled EDR Contact: 12/30/02
 LUST REG 8: Leaking Underground Storage Tanks Source: California Regional Water Quality Control Board Santa Ana Region (8) Telephone: 909-782-4498 California Regional Water Quality Control Board Santa Ana Region (8). For more c to the State Water Resources Control Board's LUST database. 	surrent information, please refer
Date of Government Version: 12/02/02 Database Release Frequency: No Update Planned	Date of Last EDR Contact: 11/13/02 Date of Next Scheduled EDR Contact: 02/10/03
 LUST REG 9: Leaking Underground Storage Tank Report Source: California Regional Water Quality Control Board San Diego Region (9) Telephone: 858-467-2980 Orange, Riverside, San Diego counties. For more current information, please refer Control Board's LUST database. 	to the State Water Resources
Date of Government Version: 03/01/01 Database Release Frequency: No Update Planned	Date of Last EDR Contact: 10/21/02 Date of Next Scheduled EDR Contact: 01/20/03
California Regional Water Quality Control Board (RWQCB) SLIC	Records
SLIC REG 1: Active Toxic Site Investigations Source: California Regional Water Quality Control Board, North Coast Region (1) Telephone: 707-576-2220	
Date of Government Version: 02/01/01 Database Release Frequency: Semi-Annually	Date of Last EDR Contact: 11/25/02 Date of Next Scheduled EDR Contact: 02/24/03
 SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing Source: Regional Water Quality Control Board San Francisco Bay Region (2) Telephone: 510-286-0457 Any contaminated site that impacts groundwater or has the potential to impact group 	undwater.
Date of Government Version: 07/01/02 Database Release Frequency: Quarterly	Date of Last EDR Contact: 10/14/02 Date of Next Scheduled EDR Contact: 01/13/03
 SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing Source: California Regional Water Quality Control Board Central Coast Region (3) Telephone: 805-549-3147 Any contaminated site that impacts groundwater or has the potential to impact group 	undwater.
Date of Government Version: 11/18/02 Database Release Frequency: Semi-Annually	Date of Last EDR Contact: 11/18/02 Date of Next Scheduled EDR Contact: 02/17/03
 SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing Source: Region Water Quality Control Board Los Angeles Region (4) Telephone: 213-576-6600 Any contaminated site that impacts groundwater or has the potential to impact group 	undwater.

Date of Government Version: 08/01/02	Date of Last EDR Contact: 10/28/02
Database Release Frequency: Quarterly	Date of Next Scheduled EDR Contact: 01/27/03
 SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing Source: Regional Water Quality Control Board Central Valley Region (5) Telephone: 916-855-3075 Unregulated sites that impact groundwater or have the potential to impact groundw 	ater.
Date of Government Version: 10/01/02	Date of Last EDR Contact: 10/08/02
Database Release Frequency: Semi-Annually	Date of Next Scheduled EDR Contact: 01/06/03
SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing Source: Regional Water Quality Control Board, Victorville Branch Telephone: 619-241-6583	
Date of Government Version: 07/19/01	Date of Last EDR Contact: 10/09/02
Database Release Frequency: Semi-Annually	Date of Next Scheduled EDR Contact: 01/06/03
SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing Source: California Region Water Quality Control Board Santa Ana Region (8) Telephone: 909-782-3298	
Date of Government Version: 06/01/02	Date of Last EDR Contact: 10/07/02
Database Release Frequency: Semi-Annually	Date of Next Scheduled EDR Contact: 01/06/03
SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	
Source: California Regional Water Quality Control Board San Diego Region (9)	
Telephone: 858-467-2980	

Date of Government Version: 03/01/02 Database Release Frequency: Annually

EDR PROPRIETARY HISTORICAL DATABASES

Date of Last EDR Contact: 12/02/02 Date of Next Scheduled EDR Contact: 03/03/03

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

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

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/Electrical Transmission Lines: 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 and electrical transmission lines.

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.

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

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

STREET AND ADDRESS INFORMATION

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TARGET PROPERTY ADDRESS

SUNSET DRIVE/WABASH AVENUE SUNSET DRIVE/WABASH AVENUE REDLANDS, CA 92374

TARGET PROPERTY COORDINATES

34.036499 - 34° 2' 11.4"
117.139900 - 117° 8' 23.6"
Zone 11
487085.8
3766017.2

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

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and

2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

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.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2434117-A2 REDLANDS, CA Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General West

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

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Flood Plain Panel at Target Property: 06071C8717F Additional Panels in search area: 06071C8740F 06071C8716F 06071C8719F IATIONAL WETLAND INVENTORY NWI Electronic <u>NWI Quad at Target Property</u> Data Coverage NOT AVAILABLE Not Available	<u>Target Property County</u> SAN BERNARDINO, CA	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Additional Panels in search area: 06071C8740F 06071C8716F 06071C8719F IATIONAL WETLAND INVENTORY NWI Quad at Target Property NWI Electronic NOT AVAILABLE Not Available	Flood Plain Panel at Target Property:	06071C8717F
IATIONAL WETLAND INVENTORY NWI Electronic <u>NWI Quad at Target Property</u> NOT AVAILABLE Not Available	Additional Panels in search area:	06071C8740F 06071C8716F 06071C8719F
NWI Quad at Target Property Data Coverage NOT AVAILABLE Not Available	IATIONAL WETLAND INVENTORY	NW/ Electropic
	NWI Quad at Target Property NOT AVAILABLE	Data Coverage 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:	2.0 miles
Location Relative to TP:	1 - 2 Miles North
Site Name:	Lockheed Propulsion Co
Site EPA ID Number:	CAD980893093
Groundwater Flow Direction:	W FOLLOWING THE SANTA ANA RIVER IN THE SITE VICINITY. FLOW IN THE
	REDLANDS SUBBASINS IS SW WITH LEAKAGE THROUGH THE BRYN MAWR BARRIER
	INTO THE BUNKER HILL BASIN. FLOW IN THE BUNKER HILL BASIN IS W
	FOLLOWING THE DIRECTION OF THE SANTA ANA RIVER.
Inferred Depth to Water:	50 feet to 200 feet.
Hydraulic Connection:	Northeast trending faults cut through the basin and divide the basin
•	into subbasins. The faults influence groundwater flow direction but
	to not appear to prevent flow from one basin to another.
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: 2.000 Miles.

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	GENERAL DIRECTION
MAP ID	FROM TP_	GROUNDWATER FLOW
9	1 - 2 Miles ESE	WSW

For additional site information, refer to Physical Setting Source Map Findings.

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

Category: Stratifed Sequence

Era:	Cenozoic	Catego
System:	Quaternary	-
Series:	Quaternary	
Code:	Q (decoded above as Era, System & S	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).

*©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridga Island, WA. All rights resarved. All of the Information and opinions presented ere those of the cited EPA report(s), which were completed under a Comprehensive Environmantal Response Compensation end Liability Information System (CERCLIS) investigation.

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name:	RAMONA		
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 me	et the requirements for a hydric soil.		

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min:	> 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
Boundary			Classification				
Layer	Upper Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)	
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.60
2	14 inches	23 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
3	23 inches	29 inches	gravelly - loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
4	29 inches	68 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COURSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 7.30 Min: 6.10

	Soil Layer Information						
Boundary			Classification				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
5	68 inches	73 inches	gravelly - sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.60 Min: 0.20	Max: 8.40 Min: 6.60

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures:	clay loam fine sandy loam silt loam coarse sandy loam
Surficial Soil Types:	clay loam fine sandy loam silt loam coarse sandy loam
Shallow Soil Types:	gravelly - loam stratified clay loam sandy clay loam
Deeper Soil Types:	weathered bedrock stratified gravelly - fine sandy loam very fine sandy loam silty clay loam

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
No Wells Found	un de la construction de la constru	

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	LOCATION FROM TP
A1	836	1/2 - 1 Mile WSW
A2	835	1/2 - 1 Mile WSW
A3	838	1/2 - 1 Mile WSW
A4	837	1/2 - 1 Mile WSW
A5	832	1/2 - 1 Mile WSW
A6	2435	1/2 - 1 Mile WSW
A7	834	1/2 - 1 Mile WSW
A8	833	1/2 - 1 Mile WSW



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Map ID Direction Distance Elevation Database EDR ID Number A1 WSW 1/2 - 1 Mile **CA WELLS** 836 Lower Water System Information: Prime Station Code: 01S/03W-35G13 S User ID: TAN 3610037036 FRDS Number: San Beernardino County: District Number: 13 Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY Well/Groundwater Water Type: Well Status: Abandoned 340200.0 1170900.0 Source Lat/Long: Precision: Undefined Source Name: WELL 04R - ABANDONED 1979 System Number: 3610037 System Name: REDLANDS CITY MUD-WATER DIV Organization That Operates System: PO BOX 3005 REDLANDS, CA 92373 Pop Served: 69300 Connections: 18447 REDLANDS Area Served: A2 wsw CA WELLS 835 1/2 - 1 Mile Lower Water System Information: 01S/03W-35G11 S Prime Station Code: User ID: TAN **FRDS Number:** 3610037042 San Beernardino County: District Number: 13 Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY Water Type: Well/Groundwater Well Status: Abandoned Source Lat/Long: 340200.0 1170900.0 Precision: Undefined Source Name: WELL 17 - ABANDONED 1976 System Number: 3610037 System Name: REDLANDS CITY MUD-WATER DIV Organization That Operates System: PO BOX 3005 REDLANDS, CA 92373 Pop Served: 69300 Connections: 18447 REDLANDS Area Served: Δ3 พิรพ **CA WELLS** 838 1/2 - 1 Mile Lower Water System Information: 01S/03W-35H04 S Prime Station Code: User ID: TAN 3610037040 FRDS Number: County: San Beernardino District Number: Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY 13 Water Type: Well/Groundwater Well Status: Inactive Raw Source Lat/Long: 340200.0 1170900.0 Precision: Undefined Source Name: WELL 14 - INACTIVE

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	System Number: System Name: Organization That Ope	3610037 REDLANDS CITY MUD-WATER D erates System: PO BOX 3005	٧V	
	Pop Served: Area Served:	REDLANDS, CA 92373 69300 REDLANDS	Connections:	18447
Sa	ample Information: * On Sample Collected: Chemical:	Iy Findings Above Detection Level A 06/21/1984 SPECIFIC CONDUCTANCE	re Listed Findings:	680.000 UMHO
	Sample Collected: Chemical:	06/21/1984 PH (LABORATORY)	Findings:	7.760
	Sample Collected: Chemical:	06/21/1984 TOTAL ALKALINITY (AS CACO3)	Findings:	160.000 MG/L
	Sample Collected: Chemical:	06/21/1984 TOTAL HARDNESS (AS CACO3)	Findings:	222.000 MG/L
	Sample Collected: Chemical:	06/21/1984 CALCIUM	Findings:	66.899 MG/L
	Sample Collected: Chemical:	06/21/1984 MAGNESIUM	Findings:	14.800 MG/L
	Sample Collected: Chemical:	06/21/1984 SODIUM	Findings:	47.299 MG/L
	Sample Collected: Chemical:	06/21/1984 POTASSIUM	Findings:	2.800 MG/L
	Sample Collected: Chemical:	06/21/1984 CHLORIDE	Findings:	18.000 MG/L
	Sample Collected: Chemical:	06/21/1984 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.920 MG/L
	Sample Collected: Chemical:	06/21/1984 NITRATE (AS NO3)	Findings:	90.000 MG/L
	Sample Collected: Chemical:	03/21/1986 DIBROMOCHLOROPROPANE (DBCF	Findings: ')	1.390 UG/L
	Sample Collected: Chemical:	04/24/1986 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	3.380 UG/L
	Sample Collected: Chemical:	06/13/1986 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
	Sample Collected: Chemical:	10/16/1986 GROSS ALPHA	Findings:	1.900 PCI/L
	Sample Collected: Chemical:	10/16/1986 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
	Sample Collected: Chemical:	11/07/1986 SPECIFIC CONDUCTANCE	Findings:	550.000 UMHO
	Sample Collected: Chemical:	11/07/1986 PH (LABORATORY)	Findings:	7.430
	Sample Collected: Chemical:	11/07/1986 TOTAL ALKALINITY (AS CACO3)	Findings:	153.900 MG/L
	Sample Collected: Chemical:	11/07/1986 BICARBONATE ALKALINITY	Findings:	187.800 MG/L
	Sample Collected: Chemical:	11/07/1986 TOTAL HARDNESS (AS CACO3)	Findings:	170.800 MG/L

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67.799 MG/L

1.360 MG/L

42.200 MG/L

2.100 MG/L

14.800 MG/L

.410 MG/L

339.890 MG/L

57.599 MG/L

.600 PCI/L

.610 UG/L

153.900 MG/L

137.600 MG/L

338.290 MG/L

7.430

.520

- .120

11.800

.530 UG/L

.530 UG/L

.310 UG/L

.290 UG/L

22.200 C

8.120

8.120

540.000 UMHO

Sample Collected: Chemical:	11/07/1986 CALCIUM	Findings:
Sample Collected: Chemical:	11/07/1986 MAGNESIUM	Findings:
Sample Collected: Chemical:	11/07/1986 SODIUM	Findings:
Sample Collected: Chemical:	11/07/1986 POTASSIUM	Findings:
Sample Collected: Chemical:	11/07/1986 CHLORIDE	Findings:
Sample Collected: Chemical:	11/07/1986 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)
Sample Collected: Chemical:	11/07/1986 TOTAL DISSOLVED SOLIDS	Findings:
Sample Collected: Chemical:	11/07/1986 NITRATE (AS NO3)	Findings:
Sample Collected: Chemical:	11/07/1986 GROSS ALPHA COUNTING ERROR	Findings:
Sample Collected: Chemical:	11/07/1986 DIBROMOCHLOROPROPANE (DBCF	Findings: ')
Sample Collected: Chemical:	11/07/1986 PH (LABORATORY)	Findings:
Sample Collected: Chemical:	11/07/1986 TOTAL ALKALINITY (AS CACO3)	Findings:
Sample Collected: Chemical:	11/07/1986 TOTAL HARDNESS (AS CACO3)	Findings:
Sample Collected: Chemical:	11/07/1986 TOTAL DISSOLVED SOLIDS	Findings:
Sample Collected: Chemical:	11/07/1986 LANGELIER INDEX @ 60 C	Findings:
Sample Collected: Chemical:	11/07/1986 LANGELIER INDEX @ SOURCE TEM	Findings: P.
Sample Collected: Chemical:	11/07/1986 AGGRSSIVE INDEX (CORROSIVITY)	Findings:
Sample Collected: Chemical:	06/09/1987 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)
Sample Collected: Chemical:	06/09/1987 DIBROMOCHLOROPROPANE (DBCF	Findings: ')
Sample Collected: Chemical:	08/18/1987 DIBROMOCHLOROPROPANE (DBCF	Findings: ')
Sample Collected: Chemical:	10/13/1987 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)
Sample Collected: Chemical:	10/13/1987 SOURCE TEMPERATURE C	Findings:
Sample Collected: Chemical:	10/13/1987 SPECIFIC CONDUCTANCE	Findings:
Sample Collected: Chemical:	10/13/1987 FIELD PH	Findings:
Sample Collected: Chemical:	10/13/1987 PH (LABORATORY)	Findings:

Sample Collected: Chemical:	10/13/1987 TOTAL ALKALINITY (AS CACO3)	Findings:	153.900 MG/L
Sample Collected: Chemical:	10/13/1987 BICARBONATE ALKALINITY	Findings:	187.800 MG/L
Sample Collected: Chemical:	10/13/1987 TOTAL HARDNESS (AS CACO3)	Findings:	169.600 MG/L
Sample Collected: Chemical:	10/13/1987 CALCIUM	Findings:	54.000 MG/L
Sample Collected: Chemical:	10/13/1987 MAGNESIUM	Findings:	8.400 MG/L
Sample Collected: Chemical:	10/13/1987 SODIUM	Findings:	49.400 MG/L
Sample Collected: Chemical:	10/13/1987 POTASSIUM	Findings:	1.900 MG/L
Sample Collected: Chemical:	10/13/1987 CHLORIDE	Findings:	11.400 MG/L
Sample Collected: Chemical:	10/13/1987 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.400 MG/L
Sample Collected: Chemical:	10/13/1987 GROSS ALPHA COUNTING ERROR	Findings:	.400 PCI/L
Sample Collected: Chemical:	10/13/1987 TOTAL DISSOLVED SOLIDS	Findings:	352.100 MG/L
Sample Collected: Chemical:	10/13/1987 LANGELIER INDEX @ 60 C	Findings:	.800
Sample Collected: Chemical:	10/13/1987 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.160
Sample Collected: Chemical:	10/13/1987 NITRATE (AS NO3)	Findings:	56.700 MG/L
Sample Collected: Chemical:	10/13/1987 TURBIDITY (LAB)	Findings:	1.400 NTU
Sample Collected: Chemical:	10/13/1987 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.000
Sample Collected: Chemical:	10/13/1987 SOURCE TEMPERATURE C	Findings:	22.200 C
Sample Collected: Chemical:	10/13/1987 SPECIFIC CONDUCTANCE	Findings:	540.000 UMHO
Sample Collected: Chemical:	10/13/1987 FIELD PH	Findings:	8.120
Sample Collected: Chemical:	10/13/1987 PH (LABORATORY)	Findings:	8.120
Sample Collected: Chemical:	10/13/1987 TOTAL ALKALINITY (AS CACO3)	Findings:	153.900 MG/L
Sample Collected: Chemical:	10/13/1987 BICARBONATE ALKALINITY	Findings:	187.800 MG/L
Sample Collected: Chemical:	10/13/1987 TOTAL HARDNESS (AS CACO3)	Findings:	169.600 MG/L
Sample Collected: Chemical:	10/13/1987 CALCIUM	Findings:	54.000 MG/L
Sample Collected: Chemical:	10/13/1987 MAGNESIUM	Findings:	8.400 MG/L

Sample Collected: Chemical:

10/13/1987 SODIUM	Findings:	49.399 MG/L
10/13/1987 POTASSIUM	Findings:	1.900 MG/L
10/13/1987 CHLORIDE	Findings:	11.400 MG/L
10/13/1987 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.400 MG/L
10/13/1987 GROSS ALPHA COUNTING ERROR	Findings:	.400 PCI/L
10/13/1987 TOTAL DISSOLVED SOLIDS	Findings:	352.090 MG/L
10/13/1987 LANGELIER INDEX @ 60 C	Findings:	.800
10/13/1987 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	.160
10/13/1987 NITRATE (AS NO3)	Findings:	56.700 MG/L
10/13/1987 TURBIDITY (LAB)	Findings:	1.400 NTU
10/13/1987 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.000
02/16/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.120 UG/L
06/23/1988 SOURCE TEMPERATURE C	Findings:	22.200 C
06/23/1988 ODOR THRESHOLD @ 60 C	Findings:	2.000 TON
06/23/1988 SPECIFIC CONDUCTANCE	Findings:	530.000 UMHO
06/23/1988 FIELD PH	Findings:	7.290
06/23/1988 PH (LABORATORY)	Findings:	7.290
06/23/1988 TOTAL ALKALINITY (AS CACO3)	Findings:	151.800 MG/L
06/23/1988 BICARBONATE ALKALINITY	Findings:	185.200 MG/L
06/23/1988 TOTAL HARDNESS (AS CACO3)	Findings:	155.600 MG/L
06/23/1988 CALCIUM	Findings:	52.100 MG/L
06/23/1988 MAGNESIUM	Findings:	6.200 MG/L
06/23/1988 SODIUM	Findings:	51.400 MG/L
06/23/1988 POTASSIUM	Findings:	3.000 MG/L
06/23/1988 CHLORIDE	Findings:	11.600 MG/L

Sample Collected: Chemical:

SODIUM

06/23/1988 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.400 MG/L
06/23/1988 GROSS ALPHA	Findings:	1.100 PCI/L
06/23/1988 GROSS ALPHA COUNTING ERROR	Findings:	.500 PCI/L
06/23/1988 TOTAL DISSOLVED SOLIDS	Findings:	300.400 MG/L
06/23/1988 LANGELIER INDEX @ 60 C	Findings:	050
06/23/1988 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	690
06/23/1988 NITRATE (AS NO3)	Findings:	51.700 MG/L
06/23/1988 TURBIDITY (LAB)	Findings:	.600 NTU
06/23/1988 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	11.200
11/17/1988 GROSS ALPHA COUNTING ERROR	Findings:	.200 PCI/L
11/17/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.200 UG/L
02/17/1989 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
02/17/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.190 UG/L
05/18/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.330 UG/L
05/18/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
06/06/1989 SOURCE TEMPERATURE C	Findings:	21.700 C
06/06/1989 SPECIFIC CONDUCTANCE	Findings:	590.000 UMHO
06/06/1989 FIELD PH	Findings:	7.920
06/06/1989 PH (LABORATORY)	Findings:	7.920
06/06/1989 TOTAL ALKALINITY (AS CACO3)	Findings:	171.100 MG/L
06/06/1989 BICARBONATE ALKALINITY	Findings:	208.800 MG/L
06/06/1989 TOTAL HARDNESS (AS CACO3)	Findings:	170.800 MG/L
06/06/1989 CALCIUM	Findings:	50.800 MG/L
06/06/1989 MAGNESIUM	Findings:	10.700 MG/L
06/06/1989	Findings:	54.700 MG/L

Sample Collected: Chemical:

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Sample Collected: Chemical:

06/06/1989 POTASSIUM	Findings:	2.200 MG/L
06/06/1989 CHLORIDE	Findings:	12.100 MG/L
06/06/1989 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.400 MG/L
06/06/1989 BORON	Findings:	.020 UG/L
06/06/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
06/06/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ')	.500 UG/L
06/06/1989 TOTAL DISSOLVED SOLIDS	Findings:	348.100 MG/L
06/06/1989 LANGELIER INDEX @ 60 C	Findings:	1.020
06/06/1989 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.370
06/06/1989 NITRATE (AS NO3)	Findings:	53.800 MG/L
06/06/1989 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.300
11/02/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ')	.350 UG/L
11/02/1989 GROSS ALPHA	Findings:	2.000 PCI/L
11/02/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
02/06/1990 GROSS ALPHA	Findings:	1.400 PCI/L
02/06/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.500 PCI/L
02/06/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ')	.380 UG/L
05/22/1990 SOURCE TEMPERATURE C	Findings:	21.700 C
05/22/1990 SPECIFIC CONDUCTANCE	Findings:	540.000 UMHO
05/22/1990 FIELD PH	Findings:	7.650
05/22/1990 PH (LABORATORY)	Findings:	7.650
05/22/1990 TOTAL ALKALINITY (AS CACO3)	Findings:	159.200 MG/L
05/22/1990 BICARBONATE ALKALINITY	Findings:	194.200 MG/L
05/22/1990 TOTAL HARDNESS (AS CACO3)	Findings:	165.600 MG/L
05/22/1990 CALCIUM	Findings:	50.600 MG/L

Sample Collected: Chemical:

05/22/1990 MAGNESIUM	Findings:	9.500 MG/L
05/22/1990 SODIUM	Findings:	43.600 MG/L
05/22/1990 POTASSIUM	Findings:	2.400 MG/L
05/22/1990 CHLORIDE	Findings:	12.000 MG/L
05/22/1990 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.200 MG/L
05/22/1990 BORON	Findings:	.410 UG/L
05/22/1990 GROSS ALPHA COUNTING ERROR	Findings:	.500 PCI/L
05/22/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.320 UG/L
05/22/1990 TOTAL DISSOLVED SOLIDS	Findings:	334.800 MG/L
05/22/1990 LANGELIER INDEX @ 60 C	Findings:	.710
05/22/1990 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.060
05/22/1990 NITRATE (AS NO3)	Findings:	52.300 MG/L
05/22/1990 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.000
08/16/1990 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
08/16/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.270 UG/L
11/08/1990 GROSS ALPHA	Findings:	1.700 PCI/L
11/08/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
11/08/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.140 UG/L
01/15/1991 SOURCE TEMPERATURE C	Findings:	17.800 C
01/15/1991 SPECIFIC CONDUCTANCE	Findings:	530.000 UMHO
01/15/1991 FIELD PH	Findings:	8.000
01/15/1991 PH (LABORATORY)	Findings:	8.000
01/15/1991 TOTAL ALKALINITY (AS CACO3)	Findings:	154.400 MG/L
01/15/1991 BICARBONATE ALKALINITY	Findings:	188.400 MG/L
01/15/1991 TOTAL HARDNESS (AS CACO3)	Findings:	171.600 MG/L

Sample Collected: Chemical:

01/15/1991 CALCIUM	Findings:	53.700 MG/L
01/15/1991 MAGNESIUM	Findings:	9.100 MG/L
01/15/1991 SODIUM	Findings:	42.000 MG/L
01/15/1991 POTASSIUM	Findings:	2.100 MG/L
01/15/1991 CHLORIDE	Findings:	12.800 MG/L
01/15/1991 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.300 MG/L
01/15/1991 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.130 UG/L
01/15/1991 TOTAL DISSOLVED SOLIDS	Findings:	323.300 MG/L
01/15/1991 LANGELIER INDEX @ 60 C	Findings:	1.070
01/15/1991 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.310
01/15/1991 NITRATE (AS NO3)	Findings:	52.600 MG/L
01/15/1991 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.300
01/15/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
05/16/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
05/16/1991 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.220 UG/L
08/08/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
08/08/1991 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.340 UG/L
11/12/1991 GROSS ALPHA	Findings:	1.400 PCI/L
11/12/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
11/12/1991 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.170 UG/L
02/19/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
02/19/1992 GROSS BETA COUNTING ERROR	Findings:	1.200 PCI/L
02/19/1992 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.240 UG/L
02/19/1992 TRITIUM COUNTING ERROR	Findings:	267.000 PCI/L
02/19/1992	Findings:	.100 PCI/L

RA 226 + RA 228 COUNTING ERROR

Sample Collected: Chemical:

Sample Collected:, Chemical:

Sample Collected: Chemical:

GROSS ALPHA COUNTING ERROR

02/19/1992 STRONTIUM-90 COUNTING ERROR	Findings:	1.000 PCI/L
02/19/1992 SOURCE TEMPERATURE C	Findings:	22.780 C
02/19/1992 SPECIFIC CONDUCTANCE	Findings:	550.000 UMHO
02/19/1992 FIELD PH	Findings:	7.700
02/19/1992 PH (LABORATORY)	Findings:	7.700
02/19/1992 TOTAL ALKALINITY (AS CACO3)	Findings:	158.800 MG/L
02/19/1992 BICARBONATE ALKALINITY	Findings:	193.700 MG/L
02/19/1992 TOTAL HARDNESS (AS CACO3)	Findings:	180.000 MG/L
02/19/1992 CALCIUM	Findings:	50.300 MG/L
02/19/1992 MAGNESIUM	Findings:	13.200 MG/L
02/19/1992 SODIUM	Findings:	43.500 MG/L
02/19/1992 POTASSIUM	Findings:	2.100 MG/L
02/19/1992 CHLORIDE	Findings:	10.400 MG/L
02/19/1992 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.300 MG/L
02/19/1992 BORON	Findings:	.200 UG/L
02/19/1992 LEAD	Findings:	11.000 UG/L
02/19/1992 ALUMINUM	Findings:	145.000 UG/L
02/19/1992 TOTAL DISSOLVED SOLIDS	Findings:	297.100 MG/L
02/19/1992 LANGELIER INDEX @ 60 C	Findings:	.750
02/19/1992 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.110
02/19/1992 NITRATE (AS NO3)	Findings:	50.100 MG/L
02/19/1992 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.000
05/19/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
05/19/1992 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.790 UG/L
08/25/1992	Findings:	1.400 PCI/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:

08/25/1992 DIBROMOCHLOROPROPANE (DBC	Findings: P)	2.290 UG/L
11/13/1992 DIBROMOCHLOROPROPANE (DBC	Findings: P)	.440 UG/L
02/02/1993 SOURCE TEMPERATURE C	Findings:	21.110 C
02/02/1993 SPECIFIC CONDUCTANCE	Findings:	560.000 UMHO
02/02/1993 FIELD PH	Findings:	7.700
02/02/1993 PH (LABORATORY)	Findings:	7.800
02/02/1993 TOTAL ALKALINITY (AS CACO3)	Findings:	164.000 MG/L
02/02/1993 BICARBONATE ALKALINITY	Findings:	200.100 MG/L
02/02/1993 TOTAL HARDNESS (AS CACO3)	Findings:	188.000 MG/L
02/02/1993 CALCIUM	Findings:	49.700 MG/L
02/02/1993 MAGNESIUM	Findings:	15.600 MG/L
02/02/1993 SODIUM	Findings:	41.200 MG/L
02/02/1993 POTASSIUM	Findings:	2.200 MG/L
02/02/1993 CHLORIDE	Findings:	12.700 MG/L
02/02/1993 FLUORIDE (TEMPERATURE DEPEN	Findings: NDENT)	.500 MG/L
02/02/1993 BORON	Findings:	.150 UG/L
02/02/1993 DIBROMOCHLOROPROPANE (DBC	Findings: P)	.850 UG/L
02/02/1993 TOTAL DISSOLVED SOLIDS	Findings:	318.900 MG/L
02/02/1993 LANGELIER INDEX @ 60 C	Findings:	.860
02/02/1993 LANGELIER INDEX @ SOURCE TEI	Findings: MP.	.180
02/02/1993 NITRATE (AS NO3)	Findings:	64.800 MG/L
02/02/1993 TURBIDITY (LAB)	Findings:	.100 NTU
02/02/1993 AGGRSSIVE INDEX (CORROSIVITY	Findings: ′)	12.110
04/20/1993 DIBROMOCHLOROPROPANE (DBC	Findings: P)	.100 UG/L
05/11/1993 DIBROMOCHLOROPROPANE (DBC	Findings: P)	2.570 UG/L

Sample Collected: Chemical:

11/17/1993 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
11/17/1993 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.940 UG/L
02/16/1994 SOURCE TEMPERATURE C	Findings:	21.110 C
02/16/1994 SPECIFIC CONDUCTANCE	Findings:	575.000 UMHO
02/16/1994 FIELD PH	Findings:	7.900
02/16/1994 PH (LABORATORY)	Findings:	7.900
02/16/1994 TOTAL ALKALINITY (AS CACO3)	Findings:	168.000 MG/L
02/16/1994 BICARBONATE ALKALINITY	Findings:	205.000 MG/L
02/16/1994 TOTAL HARDNESS (AS CACO3)	Findings:	210.000 MG/L
02/16/1994 CALCIUM	Findings:	61.000 MG/L
02/16/1994 MAGNESIUM	Findings:	14.000 MG/L
02/16/1994 SODIUM	Findings:	41.100 MG/L
02/16/1994 POTASSIUM	Findings:	2.100 MG/L
02/16/1994 CHLORIDE	Findings:	12.200 MG/L
02/16/1994 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.400 MG/L
02/16/1994 ALUMINUM	Findings:	73.000 UG/L
02/16/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
02/16/1994 GROSS BETA COUNTING ERROR	Findings:	1.400 PCI/L
02/16/1994 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	1.100 UG/L
02/16/1994 TOTAL DISSOLVED SOLIDS	Findings:	349.800 MG/L
02/16/1994 LANGELIER INDEX @ 60 C	Findings:	1.060
02/16/1994 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.380
02/16/1994 NITRATE (AS NO3)	Findings:	64.200 MG/L
02/16/1994 TURBIDITY (LAB)	Findings:	.100 NTU
02/16/1994	Findings:	12.310

AGGRSSIVE INDEX (CORROSIVITY)

Sample Collected:	02/
Chemical:	NIT
Sample Collected:	05/
Chemical:	GR
Sample Collected:	05/
Chemical:	Die
Sample Collected:	08/
Chemical:	GR
Sample Collected:	08/
Chemical:	GR
Sample Collected:	08/
Chemical:	Die
Sample Collected:	11/
Chemical:	GR
Sample Collected:	11/
Chemical:	Die
Sample Collected:	02/
Chemical:	SO
Sample Collected:	02/
Chemical:	SP
Sample Collected:	02/
Chemical:	FIE
Sample Collected:	02/
Chemical:	PH
Sample Collected:	02/
Chemical:	TO
Sample Collected:	02/
Chemical:	BIC
Sample Collected:	02/
Chemical:	TO
Sample Collected:	02/
Chemical:	CA
Sample Collected:	02/
Chemical:	MA
Sample Collected:	02/
Chemical:	SO
Sample Collected:	02/
Chemical:	PO
Sample Collected:	02/
Chemical:	CH
Sample Collected:	02/
Chemical:	FL
Sample Collected:	02/
Chemical:	GR
Sample Collected:	02/
Chemical:	GR

Sample Collected: Chemical:

02/16/1994 NITRATE + NITRITE (AS N)	Findings:	14582.000 UG/I
05/26/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
05/26/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.890 UG/L
08/12/1994 GROSS ALPHA	Findings:	1.400 PCI/L
08/12/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
08/12/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.040 UG/L
11/15/1994 GROSS ALPHA COUNTING ERROR	Findings:	.400 PCI/L
11/15/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.510 UG/L
02/16/1995 SOURCE TEMPERATURE C	Findings:	21.100 C
02/16/1995 SPECIFIC CONDUCTANCE	Findings:	565.000 UMHO
02/16/1995 FIELD PH	Findings:	7.700
02/16/1995 PH (LABORATORY)	Findings:	7.900
02/16/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	166.000 MG/L
02/16/1995 BICARBONATE ALKALINITY	Findings:	202.500 MG/L
02/16/1995 TOTAL HARDNESS (AS CACO3)	Findings:	196.800 MG/L
02/16/1995 CALCIUM	Findings:	55.600 MG/L
02/16/1995 MAGNESIUM	Findings:	11.600 MG/L
02/16/1995 SODIUM	Findings:	44.100 MG/L
02/16/1995 POTASSIUM	Findings:	2.500 MG/L
02/16/1995 CHLORIDE	Findings:	9.900 MG/L
02/16/1995 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.300 MG/L
02/16/1995 GROSS ALPHA	Findings:	2.100 PCI/L
02/16/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
02/16/1995 GROSS BETA COUNTING ERROR	Findings:	1.000 PCI/L
02/16/1995 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.000 UG/L

Sample Collected: Chemical:

02/16/1995 TOTAL DISSOLVED SOLIDS	Findings:	347.000 MG/L
02/16/1995 LANGELIER INDEX @ 60 C	Findings:	1.010
02/16/1995 LANGELIER INDEX @ SOURCE TEM	Findings: /IP.	.330
02/16/1995 NITRATE (AS NO3)	Findings:	62.200 MG/L
02/16/1995 TURBIDITY (LAB)	Findings:	.100 NTU
02/16/1995 AGGRSSIVE INDEX (CORROSIVITY	Findings:)	12.260
02/16/1995 NITRATE + NITRITE (AS N)	Findings:	14041.000 UG/L
02/16/1995 TRITIUM	Findings:	617.000 PCI/L
02/16/1995 TRITIUM COUNTING ERROR	Findings:	233.000 PCI/L
02/16/1995 RA 226 + RA 228	Findings:	.120 PCI/L
02/16/1995 RA 226 + RA 228 COUNTING ERRO	Findings: R	.050 PCI/L
02/16/1995 STRONTIUM-90 COUNTING ERROR	Findings:	.300 PCI/L
05/11/1995 GROSS ALPHA	Findings:	1.700 PCI/L
05/11/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
05/11/1995 DIBROMOCHLOROPROPANE (DBC	Findings: P)	.930 UG/L
05/11/1995 NITRATE (AS NO3)	Findings:	63.100 MG/L
09/12/1995 GROSS ALPHA	Findings:	1.600 PCI/L
09/12/1995 GROSS ALPHA COUNTING ERROR	Findings:	.500 PCI/L
09/12/1995 DIBROMOCHLOROPROPANE (DBC	Findings: P)	.690 UG/L
09/12/1995 NITRATE + NITRITE (AS N)	Findings:	13610.000 UG/L
12/06/1995 DIBROMOCHLOROPROPANE (DBC	Findings: P)	.790 UG/L
12/06/1995 NITRATE + NITRITE (AS N)	Findings:	14000.000 UG/L
03/06/1996 SOURCE TEMPERATURE C	Findings:	21.700 C
03/06/1996 SPECIFIC CONDUCTANCE	Findings:	580.000 UMHO
03/06/1996 FIELD PH	Findings:	7.700

Sample Collected: Chemical:

03/06/1996 PH (LABORATORY)	Findings:	8.000
03/06/1996 TOTAL ALKALINITY (AS CACO3)	Findings:	168.000 MG/L
03/06/1996 BICARBONATE ALKALINITY	Findings:	205.000 MG/L
03/06/1996 TOTAL HARDNESS (AS CACO3)	Findings:	160.000 MG/L
03/06/1996 CALCIUM	Findings:	57.000 MG/L
03/06/1996 MAGNESIUM	Findings:	15.100 MG/L
03/06/1996 SODIUM	Findings:	42.800 MG/L
03/06/1996 POTASSIUM	Findings:	2.100 MG/L
03/06/1996 CHLORIDE	Findings:	7.200 MG/L
03/06/1996 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.300 MG/L
03/06/1996 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.680 UG/L
03/06/1996 TOTAL DISSOLVED SOLIDS	Findings:	347.000 MG/L
03/06/1996 LANGELIER INDEX @ 60 C	Findings:	.820
03/06/1996 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.150
03/06/1996 NITRATE (AS NO3)	Findings:	66.000 MG/L
03/06/1996 TURBIDITY (LAB)	Findings:	.100 NTU
03/06/1996 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.070
03/06/1996 NITRATE + NITRITE (AS N)	Findings:	14900.000 UG/L
06/17/1996 GROSS ALPHA	Findings:	2.300 PCI/L
06/17/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
06/17/1996 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.590 UG/L
06/17/1996 NITRATE (AS NO3)	Findings:	62.400 MG/L
08/22/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
08/22/1996 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.800 UG/L
08/22/1996 NITRATE (AS NO3)	Findings:	65.400 MG/L

Sample Collected: Chemical:

11/14/1996 GROSS ALPHA COUNTING ERROR	Findings:	.800 PCI/L
11/14/1996 DIBROMOCHLOROPROPANE (DBCF	Findings: ')	.580 UG/L
11/14/1996 NITRATE (AS NO3)	Findings:	68.600 MG/L
01/22/1997 SOURCE TEMPERATURE C	Findings:	17.800 C
01/22/1997 SPECIFIC CONDUCTANCE	Findings:	583.000 UMHO
01/22/1997 FIELD PH	Findings:	7.000
01/22/1997 PH (LABORATORY)	Findings:	7.690
01/22/1997 TOTAL ALKALINITY (AS CACO3)	Findings:	167.000 MG/L
01/22/1997 BICARBONATE ALKALINITY	Findings:	203.000 MG/L
01/22/1997 TOTAL HARDNESS (AS CACO3)	Findings:	201.000 MG/L
01/22/1997 CALCIUM	Findings:	60.900 MG/L
01/22/1997 MAGNESIUM	Findings:	12.000 MG/L
01/22/1997 SODIUM	Findings:	39.700 MG/L
01/22/1997 POTASSIUM	Findings:	3.000 MG/L
01/22/1997 CHLORIDE	Findings:	9.500 MG/L
01/22/1997 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.350 MG/L
01/22/1997 ARSENIC	Findings:	2.100 UG/L
01/22/1997 GROSS ALPHA	Findings:	1.700 PCI/L
01/22/1997 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
01/22/1997 GROSS BETA COUNTING ERROR	Findings:	.800 PCI/L
01/22/1997 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.700 UG/L
01/22/1997 TOTAL DISSOLVED SOLIDS	Findings:	336.000 MG/L
01/22/1997 LANGELIER INDEX @ 60 C	Findings:	.150
01/22/1997 NITRATE (AS NO3)	Findings:	61.500 MG/L
01/22/1997 TURBIDITY (LAB)	Findings:	.100 NTU

Sample Collected: Chemical: Sample Collected: Chemical:

01/22/1997 TOTAL RADON 222 COUNTING ERRO	Findings: OR	3.000 PCI/L
01/22/1997 TOTAL RADON 222	Findings:	115.000 PCI/L
01/22/1997 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	11.400
01/22/1997 NITRATE + NITRITE (AS N)	Findings:	13900.000 UG/L
01/22/1997 TRITIUM	Findings:	557.000 PCI/L
01/22/1997 TRITIUM COUNTING ERROR	Findings:	86.000 PCI/L
01/22/1997 RADIUM 226	Findings:	1.710 PCI/L
01/22/1997 RADIUM 226 COUNTING ERROR	Findings:	.820 PCI/L
01/22/1997 RADIUM 228	Findings:	1.320 PCI/L
01/22/1997 RADIUM 228 COUNTING ERROR	Findings:	.460 PCI/L
01/22/1997 STRONTIUM-90	Findings:	2.170 PCI/L
01/22/1997 STRONTIUM-90 COUNTING ERROR	Findings:	1.120 PCI/L
04/08/1997 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.730 UG/L
04/08/1997 GROSS ALPHA COUNTING ERROR	Findings:	.960 PCI/L
08/11/1997 GROSS ALPHA	Findings:	1.100 PCI/L
08/11/1997 GROSS ALPHA COUNTING ERROR	Findings:	1.900 PCI/L
08/11/1997 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.810 UG/L
10/28/1997 GROSS ALPHA	Findings:	2.700 PCI/L
10/28/1997 GROSS ALPHA COUNTING ERROR	Findings:	1.900 PCI/L
10/28/1997 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.450 UG/L
01/27/1998 SOURCE TEMPERATURE C	Findings:	20.000 C
01/27/1998 SPECIFIC CONDUCTANCE	Findings:	550.000 UMHO
01/27/1998 FIELD PH	Findings:	8.100
01/27/1998 PH (LABORATORY)	Findings:	7.670
01/27/1998 TOTAL ALKALINITY (AS CACO3)	Findings:	161.000 MG/L

Sample Collected: Chemical:	01/27/1998 BICARBONATE ALKALINITY	Findings:	196.000 MG/L
Sample Collected: Chemical:	01/27/1998 TOTAL HARDNESS (AS CACO3)	Findings:	238.000 MG/L
Sample Collected: Chemical:	01/27/1998 CALCIUM	Findings:	67.400 MG/L
Sample Collected: Chemical:	01/27/1998 MAGNESIUM	Findings:	16.800 MG/L
Sample Collected: Chemical:	01/27/1998 SODIUM	Findings:	24.700 MG/L
Sample Collected: Chemical:	01/27/1998 POTASSIUM	Findings:	2.300 MG/L
Sample Collected: Chemical:	01/27/1998 CHLORIDE	Findings:	10.400 MG/L
Sample Collected: Chemical:	01/27/1998 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.510 MG/L
Sample Collected: Chemical:	01/27/1998 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.640 UG/L
Sample Collected: Chemical:	01/27/1998 TOTAL DISSOLVED SOLIDS	Findings:	340.000 MG/L
Sample Collected: Chemical:	01/27/1998 LANGELIER INDEX @ 60 C	Findings:	1.290
Sample Collected: Chemical:	01/27/1998 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.590
Sample Collected: Chemical:	01/27/1998 NITRATE (AS NO3)	Findings:	61.000 MG/L
Sample Collected: Chemical:	01/27/1998 TURBIDITY (LAB)	Findings:	.400 NTU
Sample Collected: Chemical:	01/27/1998 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.530
Sample Collected: Chemical:	01/27/1998 NITRATE + NITRITE (AS N)	Findings:	13800.000 UG/L

A4 WSW 1/2 - 1 Mile Lower

CA WELLS 837

Water System Informatio	n:		
Prime Station Code:	01S/03W-35H03 S	User ID:	TAN
FRDS Number:	3610037041	County:	San Beernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	340200.0 1170900.0	Precision:	Undefined
Source Name:	WELL 16 - INACTIVE		
System Number:	3610037		
System Name:	REDLANDS CITY MUD-WATER DIV		
Organization That Operates System:			
	PO BOX 3005		
	REDLANDS, CA 92373		
Pop Served:	69300	Connections:	18447
Area Served:	REDLANDS		
700.000 UMHO

176.000 MG/L

242.000 MG/L

66.899 MG/L

19.899 MG/L

41.599 MG/L

2.400 MG/L

18.000 MG/L

.540 MG/L

90.000 MG/L

.050 UG/L

1.390 UG/L

1.410 UG/L

.300 PCI/L

1.700 PCI/L

.700 PCI/L

7.370

660.000 UMHO

182.300 MG/L

222.400 MG/L

240.200 MG/L

78.799 MG/L

11.700 MG/L

7.820

Sample Information: Sample Collected: Chemical:	* Only Findings Above Detection Level An 06/19/1984 SPECIFIC CONDUCTANCE	re Listed Findings:
Sample Collected: Chemical:	06/19/1984 PH (LABORATORY)	Findings:
Sample Collected: Chemical:	06/19/1984 TOTAL ALKALINITY (AS CACO3)	Findings:
Sample Collected: Chemical:	06/19/1984 TOTAL HARDNESS (AS CACO3)	Findings:
Sample Collected: Chemical:	06/19/1984 CALCIUM	Findings:
Sample Collected: Chemical:	06/19/1984 MAGNESIUM	Findings:
Sample Collected: Chemical:	06/19/1984 SODIUM	Findings:
Sample Collected: Chemical:	06/19/1984 POTASSIUM	Findings:
Sample Collected: Chemical:	06/19/1984 CHLORIDE	Findings:
Sample Collected: Chemical:	06/19/1984 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)
Sample Collected: Chemical:	06/19/1984 NITRATE (AS NO3)	Findings:
Sample Collected: Chemical:	03/21/1986 DIBROMOCHLOROPROPANE (DBCP	Findings:)
Sample Collected: Chemical:	Ó04/24/1986 DIBROMOCHLOROPROPANE (DBCP	Findings:)
Sample Collected: Chemical:	05/22/1986 DIBROMOCHLOROPROPANE (DBCP	Findings:)
Sample Collected: Chemical:	06/19/1986 GROSS ALPHA COUNTING ERROR	Findings:
Sample Collected: Chemical:	09/05/1986 GROSS ALPHA	Findings:
Sample Collected: Chemical:	09/05/1986 GROSS ALPHA COUNTING ERROR	Findings:
Sample Collected: Chemical:	1 1/07/1986 SPECIFIC CONDUCTANCE	Findings:
Sample Collected: Chemical:	1 1/07/1986 PH (LABORATORY)	Findings:
Sample Collected: Chemical:	11/07/1986 TOTAL ALKALINITY (AS CACO3)	Findings:
Sample Collected: Chemical:	11/07/1986 BICARBONATE ALKALINITY	Findings:
Sample Collected: Chemical:	11/07/1986 TOTAL HARDNESS (AS CACO3)	Findings:
Sample Collected: Chemical:	11/07/1986 CALCIUM	Findings:
Sample Collected: Chemical:	11/07/1986 MAGNESIUM	Findings:

3

Sample Collected: Chemical:

PH (LABORATORY)

	11/07/1986 SODIUM	Findings:	37.899 MG/L
	11/07/1986 POTASSIUM	Findings:	2.200 MG/L
	11/07/1986 CHLORIDE	Findings:	12.400 MG/L
	11/07/1986 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.470 MG/L
	11/07/1986 TOTAL DISSOLVED SOLIDS	Findings:	407.890 MG/L
	11/07/1986 NITRATE (AS NO3)	Findings:	81.700 MG/L
,	11/07/1986 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	2.800 UG/L
	11/07/1986 GROSS ALPHA	Findings:	1.300 PCI/L
	11/07/1986 GROSS ALPHA COUNTING ERROR	Findings:	.800 PCI/L
	11/07/1986 PH (LABORATORY)	Findings:	7.370
	11/07/1986 TOTAL ALKALINITY (AS CACO3)	Findings:	182.300 MG/L
	11/07/1986 TOTAL HARDNESS (AS CACO3)	Findings:	200.400 MG/L
	11/07/1986 TOTAL DISSOLVED SOLIDS	Findings:	405.890 MG/L
	11/07/1986 LANGELIER INDEX @ 60 C	Findings:	.670
	11/07/1986 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	.010
	11/07/1986 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	11.900
	02/06/1987 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	2.320 UG/L
	02/13/1987 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.940 UG/L
	05/19/1987 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.260 UG/L
	08/13/1987 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	4.670 UG/L
	10/02/1987 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.870 UG/L
	10/02/1987 SOURCE TEMPERATURE C	Findings:	21.099 C
	10/02/1987 SPECIFIC CONDUCTANCE	Findings:	650.000 UMHO
	10/02/1987 FIELD PH	Findings:	7.700
	10/02/1987	Findings:	7.700

Sample Collected:	10/02/1987
Chemical:	TOTAL ALKALINITY (
Sample Collected:	10/02/1987
Chemical:	BICARBONATE ALKA
Sample Collected:	10/02/1987
Chemical:	TOTAL HARDNESS (A
Sample Collected:	10/02/1987
Chemical:	CALCIUM
Sample Collected:	10/02/1987
Chemical:	MAGNESIUM
Sample Collected:	10/02/1987
Chemical:	SODIUM
Sample Collected:	10/02/1987
Chemical:	POTASSIUM
Sample Collected:	10/02/1987
Chemical:	CHLORIDE
Sample Collected:	10/02/1987
Chemical:	FLUORIDE (TEMPER
Sample Collected:	10/02/1987
Chemical:	GROSS ALPHA
Sample Collected:	10/02/1987
Chemical:	GROSS ALPHA COU
Sample Collected:	10/02/1987
Chemical:	TOTAL DISSOLVED S
Sample Collected:	10/02/1987
Chemical:	LANGELIER INDEX @
Sample Collected:	10/02/1987
Chemical:	LANGELIER INDEX @
Sample Collected:	10/02/1987
Chemical:	NITRATE (AS NO3)
Sample Collected:	10/02/1987
Chemical:	AGGRSSIVE INDEX (
Sample Collected:	02/16/1988
Chemical:	DIBROMOCHLOROP
Sample Collected:	03/22/1988
Chemical:	DIBROMOCHLOROP
Sample Collected:	04/05/1988
Chemical:	DIBROMOCHLOROP
Sample Collected:	05/06/1988
Chemical:	SOURCE TEMPERAT
Sample Collected:	05/06/1988
Chemical:	SPECIFIC CONDUCT
Sample Collected:	05/06/1988
Chemical:	FIELD PH
Sample Collected:	05/06/1988
Chemical:	PH (LABORATORY)
Sample Collected:	05/06/1988
Chemical:	TOTAL ALKALINITY (
	05/00/4000

10/02/1987 TOTAL ALKALINITY (AS CACO3)	Findings:	181.500 MG/L
10/02/1987 BICARBONATE ALKALINITY	Findings:	221.400 MG/L
10/02/1987 TOTAL HARDNESS (AS CACO3)	Findings:	238.400 MG/L
10/02/1987 CALCIUM	Findings:	79.500 MG/L
10/02/1987 MAGNESIUM	Findings:	9.700 MG/L
10/02/1987 SODIUM	Findings:	41.899 MG/L
10/02/1987 POTASSIUM	Findings:	1.800 MG/L
10/02/1987 CHLORIDE	Findings:	12.500 MG/L
10/02/1987 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	.500 MG/L
10/02/1987 GROSS ALPHA	Findings:	1.200 PCI/L
10/02/1987 GROSS ALPHA COUNTING ERROR	Findings:	.600 PCI/L
10/02/1987 TOTAL DISSOLVED SOLIDS	Findings:	419.290 MG/L
10/02/1987 LANGELIER INDEX @ 60 C	Findings:	.610
10/02/1987 LANGELIER INDEX @ SOURCE TEM	Findings: P.	050
10/02/1987 NITRATE (AS NO3)	Findings:	75.799 MG/L
10/02/1987 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	11.900
02/16/1988 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	4.430 UG/L
03/22/1988 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	2.620 UG/L
04/05/1988 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	2.170 UG/L
05/06/1988 SOURCE TEMPERATURE C	Findings:	20.000 C
05/06/1988 SPECIFIC CONDUCTANCE	Findings:	650.000 UMHO
05/06/1988 FIELD PH	Findings:	8.010
05/06/1988 PH (LABORATORY)	Findings:	8.010
05/06/1988 TOTAL ALKALINITY (AS CACO3)	Findings:	185.400 MG/L
05/06/1988 BICARBONATE ALKALINITY	Findings:	226.200 MG/L

Sample Collected: 05/06/1988 Findings: 236.800 MG/L TOTAL HARDNESS (AS CACO3) Chemical: 05/06/1988 Sample Collected: Findings: 64.700 MG/L Chemical: CALCIUM 05/06/1988 Sample Collected: Findings: 18.300 MG/L MAGNESIUM Chemical: Sample Collected: 05/06/1988 Findings: 44.200 MG/L SODIUM Chemical: Sample Collected: 05/06/1988 Findings: 2.400 MG/L POTASSIUM Chemical: 05/06/1988 Sample Collected: Findings: 11.500 MG/L CHLORIDE Chemical: Sample Collected: 05/06/1988 Findings: .500 MG/L FLUORIDE (TEMPERATURE DEPENDENT) Chemical: Sample Collected: 05/06/1988 Findings: .300 UG/L Chemical: BORON 05/06/1988 Sample Collected: Findings: 1.100 PCI/L Chemical: GROSS ALPHA Sample Collected: 05/06/1988 Findings: .600 PCI/L GROSS ALPHA COUNTING ERROR Chemical: Sample Collected: 05/06/1988 Findings: 3.100 UG/L Chemical: DIBROMOCHLOROPROPANE (DBCP) Sample Collected: 05/06/1988 369.300 MG/L Findings: TOTAL DISSOLVED SOLIDS Chemical: Sample Collected: 05/06/1988 Findings: 1.240 LANGELIER INDEX @ 60 C Chemical: Sample Collected: 05/06/1988 Findings: .550 Chemical: LANGELIER INDEX @ SOURCE TEMP. Sample Collected: 05/06/1988 Findings: 73.400 MG/L NITRATE (AS NO3) Chemical: Sample Collected: 05/06/1988 Findings: 12.500 AGGRSSIVE INDEX (CORROSIVITY) Chemical: Sample Collected: 06/02/1988 Findings: 2.970 UG/L DIBROMOCHLOROPROPANE (DBCP) Chemical: Sample Collected: 10/04/1988 Findings: 1.980 UG/L DIBROMOCHLOROPROPANE (DBCP) Chemical: 11/17/1988 Sample Collected: 1.800 PCI/L Findings: Chemical: **GROSS ALPHA** 11/17/1988 Sample Collected: 1.000 PCI/L Findings: GROSS ALPHA COUNTING ERROR Chemical: Sample Collected: 11/17/1988 Findings: .860 UG/L DIBROMOCHLOROPROPANE (DBCP) Chemical: Sample Collected: 12/06/1988 Findings: 1.100 UG/L DIBROMOCHLOROPROPANE (DBCP) Chemical: Sample Collected: 02/10/1989 2.820 UG/L Findings: DIBROMOCHLOROPROPANE (DBCP) Chemical: Findings: Sample Collected: 04/18/1989 DIBROMOCHLOROPROPANE (DBCP) Chemical: Sample Collected: 05/02/1989 Findings: Chemical: **GROSS ALPHA**

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Sample Collected: Chemical:

05/02/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
05/08/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.460 UG/L
06/06/1989 SOURCE TEMPERATURE C	Findings:	20.600 C
06/06/1989 SPECIFIC CONDUCTANCE	Findings:	720.000 UMHO
06/06/1989 FIELD PH	Findings:	7.950
06/06/1989 PH (LABORATORY)	Findings:	7.920
06/06/1989 TOTAL ALKALINITY (AS CACO3)	Findings:	207.900 MG/L
06/06/1989 BICARBONATE ALKALINITY	Findings:	253.700 MG/L
06/06/1989 TOTAL HARDNESS (AS CACO3)	Findings:	256.000 MG/L
06/06/1989 CALCIUM	Findings:	71.900 MG/L
06/06/1989 MAGNESIUM	Findings:	18.600 MG/L
06/06/1989 SODIUM	Findings:	46.500 MG/L
06/06/1989 POTASSIUM	Findings:	2.300 MG/L
06/06/1989 CHLORIDE	Findings:	12.300 MG/L
06/06/1989 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.500 MG/L
06/06/1989 BORON	Findings:	.020 UG/L
06/06/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
06/06/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.900 UG/L
06/06/1989 TOTAL DISSOLVED SOLIDS	Findings:	439.200 MG/L
06/06/1989 LANGELIER INDEX @ 60 C	Findings:	1.240
06/06/1989 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.570
06/06/1989 NITRATE (AS NO3)	Findings:	75.400 MG/L
06/06/1989 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.500
10/03/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	2.100 UG/L
11/02/1989 GROSS ALPHA	Findings:	2.800 PCI/L

Sample Collected: Chemical:

11/02/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.900 PCI/L
11/02/1989 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	1.100 ŲG/L
12/05/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.900 UG/L
02/06/1990 GROSS ALPHA	Findings:	2.200 PCI/L
02/06/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.800 PCI/L
02/06/1990 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	2.100 UG/L
05/10/1990 SOURCE TEMPERATURE C	Findings:	21.100 C
05/10/1990 SPECIFIC CONDUCTANCE	Findings:	640.000 UMHO
05/10/1990 FIELD PH	Findings:	8.360
05/10/1990 PH (LABORATORY)	Findings:	8.240
05/10/1990 TOTAL ALKALINITY (AS CACO3)	Findings:	222.000 MG/L
05/10/1990 BICARBONATE ALKALINITY	Findings:	270.800 MG/L
05/10/1990 TOTAL HARDNESS (AS CACO3)	Findings:	244.400 MG/L
05/10/1990 CALCIUM	Findings:	65.000 MG/L
05/10/1990 MAGNESIUM	Findings:	19.900 MG/L
05/10/1990 SODIUM	Findings:	37.400 MG/L
05/10/1990 POTASSIUM	Findings:	2.300 MG/L
05/10/1990 CHLORIDE	Findings:	21.600 MG/L
05/10/1990 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	1.100 MG/L
05/10/1990 BORON	Findings:	.450 UG/L
05/10/1990 GROSS ALPHA	Findings:	1.200 PCI/L
05/10/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
05/10/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.400 UG/L
05/10/1990 TOTAL DISSOLVED SOLIDS	Findings:	371.700 MG/L
05/10/1990 LANGELIER INDEX @ 60 C	Findings:	1.450

Sample Collected: Chemical:

05/10/1990 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	.790
05/10/1990 NITRATE (AS NO3)	Findings:	34.100 MG/L
05/10/1990 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.700
06/07/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.700 UG/L
07/03/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: 9)	1.600 UG/L
08/09/1990 GROSS ALPHA	Findings:	1.700 PCI/L
08/09/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
08/09/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.200 UG/L
09/13/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.100 UG/L
10/18/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.530 UG/L
11/06/1990 GROSS ALPHA	Findings:	1.100 PCI/L
11/06/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
11/06/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.680 UG/L
12/06/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.080 UG/L
01/15/1991 SOURCE TEMPERATURE C	Findings:	18.900 C
01/15/1991 SPECIFIC CONDUCTANCE	Findings:	600.000 UMHO
01/15/1991 FIELD PH	Findings:	7.900
01/15/1991 PH (LABORATORY)	Findings:	7.900
01/15/1991 TOTAL ALKALINITY (AS CACO3)	Findings:	175.600 MG/L
01/15/1991 BICARBONATE ALKALINITY	Findings:	214.200 MG/L
01/15/1991 TOTAL HARDNESS (AS CACO3)	Findings:	226.000 MG/L
01/15/1991 CALCIUM	Findings:	64.400 MG/L
01/15/1991 MAGNESIUM	Findings:	15.800 MG/L
01/15/1991 SODIUM	Findings:	37.900 MG/L
01/15/1991 POTASSIUM	Findings:	2.200 MG/L

Sample Collected: Chemical:	01/15/1991 CHLORIDE	Findings:	13.700 MG/L
Sample Collected: Chemical:	01/15/1991 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.400 MG/L
Sample Collected: Chemical:	01/15/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
Sample Collected: Chemical:	01/15/1991 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.750 UG/L
Sample Collected: Chemical:	01/15/1991 TOTAL DISSOLVED SOLIDS	Findings:	342.000 MG/L
Sample Collected: Chemical:	01/15/1991 LANGELIER INDEX @ 60 C	Findings:	1.100
Sample Collected: Chemical:	01/15/1991 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	.370
Sample Collected: Chemical:	01/15/1991 NITRATE (AS NO3)	Findings:	61.800 MG/L
Sample Collected: Chemical:	01/15/1991 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.400
Sample Collected: Chemical:	02/14/1991 DIBROMOCHLOROPROPANE (DBCF	Findings: ²)	.730 UG/L
Sample Collected: Chemical:	05/09/1991 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
Sample Collected: Chemical:	07/05/1991 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.210 UG/L
Sample Collected: Chemical:	08/20/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
Sample Collected: Chemical:	08/20/1991 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.140 UG/L
Sample Collected: Chemical:	10/16/1991 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.050 UG/L
Sample Collected: Chemical:	11/12/1991 GROSS ALPHA	Findings:	2.100 PCI/L
Sample Collected: Chemical:	11/12/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.500 PCI/L
Sample Collected: Chemical:	11/12/1991 DIBROMOCHLOROPROPANE (DBCF	Findings: ²)	.880 UG/L
Sample Collected: Chemical:	01/30/1992 TRITIUM COUNTING ERROR	Findings:	194.000 PCI/L
Sample Collected: Chemical:	01/30/1992 RA 226 + RA 228 COUNTING ERROF	Findings: R	.100 PCI/L
Sample Collected: Chemical:	01/30/1992 STRONTIUM-90 COUNTING ERROR	Findings:	1.000 PCI/L
Sample Collected: Chemical:	02/19/1992 SOURCE TEMPERATURE C	Findings:	21.110 C
Sample Collected: Chemical:	02/19/1992 SPECIFIC CONDUCTANCE	Findings:	620.000 UMHO
Sample Collected: Chemical:	02/19/1992 FIELD PH	Findings:	7.600
Sample Collected: Chemical:	02/19/1992 PH (LABORATORY)	Findings:	7.600

178.000 MG/L

217.200 MG/L

228.000 MG/L

58.500 MG/L

19.900 MG/L

39.000 MG/L

2.000 MG/L

11.900 MG/L

.400 MG/L

.250 UG/L

1.500 PCI/L

1.700 PCI/L

1.300 PCI/L

336.200 MG/L

60.900 MG/L

1.240 UG/L

1.450 UG/L

1.810 UG/L

1.900 PCI/L

1.400 PCI/L

1.890 UG/L

1.370 UG/L

.770

.090

12.010

Sample Collected: Chemical:	02/19/1992 TOTAL ALKALINITY (AS CACO3)	Findings:
Sample Collected: Chemical:	02/19/1992 BICARBONATE ALKALINITY	Findings:
Sample Collected: Chemical:	02/19/1992 TOTAL HARDNESS (AS CACO3)	Findings:
Sample Collected: Chemical:	02/19/1992 CALCIUM	Findings:
Sample Collected: Chemical:	02/19/1992 MAGNESIUM	Findings:
Sample Collected: Chemical:	02/19/1992 SODIUM	Findings:
Sample Collected: Chemical:	02/19/1992 POTASSIUM	Findings:
Sample Collected: Chemical:	02/19/1992 CHLORIDE	Findings:
Sample Collected: Chemical:	02/19/1992 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)
Sample Collected: Chemical:	02/19/1992 BORON	Findings:
Sample Collected: Chemical:	02/19/1992 GROSS ALPHA	Findings:
Sample Collected: Chemical:	02/19/1992 GROSS ALPHA COUNTING ERROR	Findings:
Sample Collected: Chemical:	02/19/1992 GROSS BETA COUNTING ERROR	Findings:
Sample Collected: Chemical:	02/19/1992 TOTAL DISSOLVED SOLIDS	Findings:
Sample Collected: Chemical:	02/19/1992 LANGELIER INDEX @ 60 C	Findings:
Sample Collected: Chemical:	02/19/1992 LANGELIER INDEX @ SOURCE TEM	Findings: P.
Sample Collected: Chemical:	02/19/1992 NITRATE (AS NO3)	Findings:
Sample Collected: Chemical:	02/19/1992 AGGRSSIVE INDEX (CORROSIVITY)	Findings:
Sample Collected: Chemical:	02/19/1992 DIBROMOCHLOROPROPANE (DBCP	Findings: ')
Sample Collected: Chemical:	05/19/1992 DIBROMOCHLOROPROPANE (DBCP	Findings: ')
Sample Collected: Chemical:	06/26/1992 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)
Sample Collected: Chemical:	08/06/1992 GROSS ALPHA	Findings:
Sample Collected: Chemical:	08/06/1992 GROSS ALPHA COUNTING ERROR	Findings:
Sample Collected: Chemical:	08/06/1992 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)
Sample Collected: Chemical:	09/29/1992 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)

Sample Collected: 10/02/1992 Findings: 1.800 UG/L DIBROMOCHLOROPROPANE (DBCP) Chemical: Sample Collected: 11/13/1992 1.420 UG/L Findings: DIBROMOCHLOROPROPANE (DBCP) Chemical: Sample Collected: 02/02/1993 Findings: 20.000 C SOURCE TEMPERATURE C Chemical: Sample Collected: 02/02/1993 Findings: 640.000 UMHO Chemical: SPECIFIC CONDUCTANCE Sample Collected: 02/02/1993 Findings: 7.700 FIELD PH Chemical: Sample Collected: 02/02/1993 Findings: 7.900 Chemical: PH (LABORATORY) Sample Collected: 02/02/1993 Findings: 181.200 MG/L TOTAL ALKALINITY (AS CACO3) Chemical: Sample Collected: 02/02/1993 221.100 MG/L Findings: BICARBONATE ALKALINITY Chemical: Sample Collected: 02/02/1993 232.800 MG/L Findings: TOTAL HARDNESS (AS CACO3) Chemical: Sample Collected: 02/02/1993 Findings: 52.500 MG/L Chemical: CALCIUM 02/02/1993 Sample Collected: 24.700 MG/L Findings: Chemical: MAGNESIUM Sample Collected: 02/02/1993 Findings: 38.200 MG/L Chemical: SODIUM Sample Collected: 02/02/1993 2.100 MG/L Findings: POTASSIUM Chemical: Sample Collected: 02/02/1993 Findings: 13.400 MG/L Chemical: CHLORIDE Sample Collected: 02/02/1993 Findings: .500 MG/L Chemical: FLUORIDE (TEMPERATURE DEPENDENT) Sample Collected: 02/02/1993 Findings: 1.820 UG/L Chemical: DIBROMOCHLOROPROPANE (DBCP) Sample Collected: 02/02/1993 Findings: 357.500 MG/L TOTAL DISSOLVED SOLIDS Chemical: Sample Collected: 02/02/1993 Findings: 1.020 LANGELIER INDEX @ 60 C Chemical: Sample Collected: 02/02/1993 Findings: .320 LANGELIER INDEX @ SOURCE TEMP. Chemical: Sample Collected: 02/02/1993 Findings: 74.800 MG/L Chemical: NITRATE (AS NO3) Sample Collected: 02/02/1993 Findings: .400 NTU Chemical: TURBIDITY (LAB) Sample Collected: 02/02/1993 Findings: 12.280 Chemical: AGGRSSIVE INDEX (CORROSIVITY) Sample Collected: 05/11/1993 Findings: 2.690 UG/L DIBROMOCHLOROPROPANE (DBCP) Chemical: Sample Collected: 11/17/1993 Findings: 1.500 PCI/L GROSS ALPHA COUNTING ERROR Chemical: Sample Collected: 11/17/1993 Findings: .970 UG/L DIBROMOCHLOROPROPANE (DBCP) Chemical:

21.100 C

7.700

8.000

630.000 UMHO

172.000 MG/L

209.800 MG/L

236.000 MG/L

62.500 MG/L

19.400 MG/L

37.500 MG/L

2.800 MG/L

13.900 MG/L

.500 MG/L

129.000 UG/L

1.000 PCI/L

.900 PCI/L

1.090 UG/L

1.170

.490

390.100 MG/L

85.600 MG/L

19323.000 UG/L

1.300 PCI/L

.100 NTU

12.430

Sample Collected: Chemical:	02/03/1994 SOURCE TEMPERATURE C	Findings:
Sample Collected: Chemical:	02/03/1994 SPECIFIC CONDUCTANCE	Findings:
Sample Collected: Chemical:	02/03/1994 FIELD PH	Findings:
Sample Collected: Chemical:	02/03/1994 PH (LABORATORY)	Findings:
Sample Collected: Chemical:	02/03/1994 TOTAL ALKALINITY (AS CACO3)	Findings:
Sample Collected: Chemical:	02/03/1994 BICARBONATE ALKALINITY	Findings:
Sample Collected: Chemical:	02/03/1994 TOTAL HARDNESS (AS CACO3)	Findings:
Sample Collected: Chemical:	02/03/1994 CALCIUM	Findings:
Sample Collected: Chemical:	02/03/1994 MAGNESIUM	Findings:
Sample Collected: Chemical:	02/03/1994 SODIUM	Findings:
Sample Collected: Chemical:	02/03/1994 POTASSIUM	Findings:
Sample Collected: Chemical:	02/03/1994 CHLORIDE	Findings:
Sample Collected: Chemical:	02/03/1994 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)
Sample Collected: Chemical:	02/03/1994 ALUMINUM	Findings:
Sample Collected: Chemical:	02/03/1994 GROSS ALPHA COUNTING ERROR	Findings:
Sample Collected: Chemical:	02/03/1994 GROSS BETA COUNTING ERROR	Findings:
Sample Collected: Chemical:	02/03/1994 DIBROMOCHLOROPROPANE (DBCP	Findings:)
Sample Collected: Chemical:	02/03/1994 TOTAL DISSOLVED SOLIDS	Findings:
Sample Collected: Chemical:	02/03/1994 LANGELIER INDEX @ 60 C	Findings:
Sample Collected: Chemical:	02/03/1994 LANGELIER INDEX @ SOURCE TEM	Findings: P.
Sample Collected: Chemical:	02/03/1994 NITRATE (AS NO3)	Findings:
Sample Collected: Chemical:	02/03/1994 TURBIDITY (LAB)	Findings:
Sample Collected: Chemical:	02/03/1994 AGGRSSIVE INDEX (CORROSIVITY)	Findings:
Sample Collected: Chemical:	02/03/1994 NITRATE + NITRITE (AS N)	Findings:
Sample Collected: Chemical:	05/26/1994 GROSS ALPHA COUNTING ERROR	Findings:

Sample Collected: Chemical:	05/26/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.890 UG/L
Sample Collected: Chemical:	06/13/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.040 UG/L
Sample Collected: Chemical:	08/12/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
Sample Collected: Chemical:	08/12/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.030 UG/L
Sample Collected: Chemical:	09/19/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.300 UG/L
Sample Collected: Chemical:	10/12/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.200 UG/L
Sample Collected: Chemical:	11/15/1994 GROSS ALPHA COUNTING ERROR	Findings:	.500 PCI/L
Sample Collected: Chemical:	11/15/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.190 UG/L
Sample Collected: Chemical:	02/16/1995 SOURCE TEMPERATURE C	Findings:	21.100 C
Sample Collected: Chemical:	02/16/1995 SPECIFIC CONDUCTANCE	Findings:	635.000 UMHO
Sample Collected: Chemical:	02/16/1995 FIELD PH	Findings:	7.700
Sample Collected: Chemical:	02/16/1995 PH (LABORATORY)	Findings:	7.700
Sample Collected: Chemical:	02/16/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	178.000 MG/L
Sample Collected: Chemical:	02/16/1995 BICARBONATE ALKALINITY	Findings:	217.200 MG/L
Sample Collected: Chemical:	02/16/1995 TOTAL HARDNESS (AS CACO3)	Findings:	258.000 MG/L
Sample Collected: Chemical:	02/16/1995 CALCIUM	Findings:	62.300 MG/L
Sample Collected: Chemical:	02/16/1995 MAGNESIUM	Findings:	17.600 MG/L
Sample Collected: Chemical:	02/16/1995 SODIUM	Findings:	40.700 MG/L
Sample Collected: Chemical:	02/16/1995 POTASSIUM	Findings:	2.300 MG/L
Sample Collected: Chemical:	02/16/1995 CHLORIDE	Findings:	10.700 MG/L
Sample Collected: Chemical:	02/16/1995 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.400 MG/L
Sample Collected: Chemical:	02/16/1995 ALUMINUM	Findings:	55.000 UG/L
Sample Collected: Chemical:	02/16/1995 GROSS ALPHA	Findings:	1.700 PCI/L
Sample Collected: Chemical:	02/16/1995 GROSS ALPHA COUNTING ERROR	Findings:	.700 PCI/L
Sample Collected: Chemical:	02/16/1995 GROSS BETA COUNTING ERROR	Findings:	.700 PCI/L

Sample Collected: Chemical:

02/16/1995 DIBROMOCHLOROPROPANE (DBCP	Findings:)	1.190 UG/L
02/16/1995 TOTAL DISSOLVED SOLIDS	Findings:	391.000 MG/L
02/16/1995 LANGELIER INDEX @ 60 C	Findings:	.890
02/16/1995 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.210
02/16/1995 NITRATE (AS NO3)	Findings:	77.400 MG/L
02/16/1995 TURBIDITY (LAB)	Findings:	.100 NTU
02/16/1995 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.140
02/16/1995 NITRATE + NITRITE (AS N)	Findings:	17472.000 UG/L
02/16/1995 TRITIUM	Findings:	645.000 PCI/L
02/16/1995 TRITIUM COUNTING ERROR	Findings:	234.000 PCI/L
02/16/1995 RA 226 + RA 228	Findings:	.070 PCI/L
02/16/1995 RA 226 + RA 228 COUNTING ERROR	Findings:	.040 PCI/L
02/16/1995 STRONTIUM-90 COUNTING ERROR	Findings:	.010 PCI/L
05/11/1995 GROSS ALPHA	Findings:	3.200 PCI/L
05/11/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
05/11/1995 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.860 UG/L
05/11/1995 NITRATE (AS NO3)	Findings:	75.200 MG/L
09/12/1995 GROSS ALPHA	Findings:	1.200 PCI/L
09/12/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
09/12/1995 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.870 UG/L
09/12/1995 NITRATE + NITRITE (AS N)	Findings:	16380.000 UG/L
12/06/1995 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.900 UG/L
12/06/1995 NITRATE + NITRITE (AS N)	Findings:	16900.000 UG/L
03/06/1996 SOURCE TEMPERATURE C	Findings:	20.600 C
03/06/1996 SPECIFIC CONDUCTANCE	Findings:	640.000 UMHO

Sample Collected: Chemical:	03/06/1996 FIELD PH	Findings:	7.600
Sample Collected: Chemical:	03/06/1996 PH (LABORATORY)	Findings:	7.900
Sample Collected: Chemical:	03/06/1996 TOTAL ALKALINITY (AS CACO3)	Findings:	180.000 MG/L
Sample Collected: Chemical:	03/06/1996 BICARBONATE ALKALINITY	Findings:	219.600 MG/L
Sample Collected: Chemical:	03/06/1996 TOTAL HARDNESS (AS CACO3)	Findings:	250.000 MG/L
Sample Collected: Chemical:	03/06/1996 CALCIUM	Findings:	66.100 MG/L
Sample Collected: Chemical:	03/06/1996 MAGNESIUM	Findings:	23.000 MG/L
Sample Collected: Chemical:	03/06/1996 SODIUM	Findings:	39.900 MG/L
Sample Collected: Chemical:	03/06/1996 POTASSIUM	Findings:	2.000 MG/L
Sample Collected: Chemical:	03/06/1996 CHLORIDE	Findings:	23.000 MG/L
Sample Collected: Chemical:	03/06/1996 FLUORIDE (TEMPERATURE DEPI	Findings: ENDENT)	.300 MG/L
Sample Collected: Chemical:	03/06/1996 DIBROMOCHLOROPROPANE (DE	Findings: 3CP)	.690 UG/L
Sample Collected: Chemical:	03/06/1996 TOTAL DISSOLVED SOLIDS	Findings:	400.000 MG/L
Sample Collected: Chemical:	03/06/1996 LANGELIER INDEX @ 60 C	Findings:	.820
Sample Collected: Chemical:	03/06/1996 LANGELIER INDEX @ SOURCE T	Findings: EMP.	.130
Sample Collected: Chemical:	03/06/1996 NITRATE (AS NO3)	Findings:	75.000 MG/L
Sample Collected: Chemical:	03/06/1996 TURBIDITY (LAB)	Findings:	.100 NTU
Sample Collected: Chemical:	03/06/1996 AGGRSSIVE INDEX (CORROSIVI	Findings: TY)	12.070
Sample Collected: Chemical:	03/06/1996 NITRATE + NITRITE (AS N)	Findings:	16945.000 UG/L
Sample Collected: Chemical:	05/01/1996 GROSS ALPHA	Findings:	3.600 PCI/L
Sample Collected: Chemical:	05/01/1996 GROSS ALPHA COUNTING ERRO	Findings: DR	1.500 PCI/L
Sample Collected: Chemical:	05/01/1996 DIBROMOCHLOROPROPANE (DE	Findings: 3CP)	.860 UG/L
Sample Collected: Chemical:	05/01/1996 NITRATE (AS NO3)	Findings:	73.100 MG/L
Sample Collected: Chemical:	08/22/1996 GROSS ALPHA	Findings:	1.300 PCI/L
Sample Collected: Chemical:	08/22/1996 GROSS ALPHA COUNTING FRRO	Findings: DR	.900 PCI/L

Sample Collected: Chemical:

08/22/1996 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.630 UG/L
08/22/1996 NITRATE (AS NO3)	Findings:	70.500 MG/L
11/14/1996 GROSS ALPHA	Findings:	1.400 PCI/L
11/14/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
11/14/1996 DIBROMOCHLOROPROPANE (DBCF	Findings: ²)	.870 UG/L
11/14/1996 NITRATE (AS NO3)	Findings:	76.600 MG/L
02/03/1997 SOURCE TEMPERATURE C	Findings:	21.100 C
02/03/1997 SPECIFIC CONDUCTANCE	Findings:	650.000 UMHO
02/03/1997 FIELD PH	Findings:	7.200
02/03/1997 PH (LABORATORY)	Findings:	7.750
02/03/1997 TOTAL ALKALINITY (AS CACO3)	Findings:	188.000 MG/L
02/03/1997 BICARBONATE ALKALINITY	Findings:	229.000 MG/L
02/03/1997 TOTAL HARDNESS (AS CACO3)	Findings:	246.000 MG/L
02/03/1997 CALCIUM	Findings:	72.600 MG/L
02/03/1997 MAGNESIUM	Findings:	15.800 MG/L
02/03/1997 SODIUM	Findings:	39.200 MG/L
02/03/1997 POTASSIUM	Findings:	2.600 MG/L
02/03/1997 CHLORIDE	Findings:	11.800 MG/L
02/03/1997 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.430 MG/L
02/03/1997 GROSS ALPHA	Findings:	1.400 PCI/L
02/03/1997 GROSS ALPHA COUNTING ERROR	FindIngs:	.900 PCI/L
02/03/1997 GROSS BETA COUNTING ERROR	Findings:	.900 PCI/L
02/03/1997 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.990 UG/L
02/03/1997 TOTAL DISSOLVED SOLIDS	Findings:	391.000 MG/L
02/03/1997 LANGELIER INDEX @ 60 C	Findings:	.480

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Sample Collected: Chemical:	02/03/1997 NITRATE (AS NO3)	Findings:	70.500 MG/L
Sample Collected: Chemical:	02/03/1997 TURBIDITY (LAB)	Findings:	.100 NTU
Sample Collected: Chemical:	02/03/1997 TOTAL RADON 222 COUNTING ERR	Findings: OR	3.000 PCI/L
Sample Collected: Chemical:	02/03/1997 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	11.730
Sample Collected: Chemical:	02/03/1997 NITRATE + NITRITE (AS N)	Findings:	15900.000 UG/L
Sample Collected: Chemical:	02/03/1997 TRITIUM	Findings:	454.000 PCI/L
Sample Collected: Chemical:	02/03/1997 TRITIUM COUNTING ERROR	Findings:	166.000 PCI/L
Sample Collected: Chemical:	02/03/1997 RADIUM 226	Findings:	2.970 PCI/L
Sample Collected: Chemical:	02/03/1997 RADIUM 226 COUNTING ERROR	Findings:	.480 PCI/L
Sample Collected: Chemical:	02/03/1997 RADIUM 228	Findings:	2.300 PCI/L
Sample Collected: Chemical:	02/03/1997 RADIUM 228 COUNTING ERROR	Findings:	.250 PCI/L
Sample Collected: Chemical:	02/03/1997 STRONTIUM-90 COUNTING ERROR	Findings:	.430 PCI/L
Sample Collected: Chemical:	04/08/1997 DIBROMOCHLOROPROPANE (DBCF	Findings: ^P)	.920 UG/L
Sample Collected: Chemical:	04/08/1997 GROSS ALPHA COUNTING ERROR	Findings:	.870 PCI/L
Sample Collected: Chemical:	07/29/1997 GROSS ALPHA	Findings:	2.600 PCI/L
Sample Collected: Chemical:	07/29/1997 GROSS ALPHA COUNTING ERROR	Findings:	2.100 PCI/L
Sample Collected: Chemical:	07/29/1997 DIBROMOCHLOROPROPANE (DBCF	Findings: P)	.810 UG/L
Sample Collected: Chemical:	10/28/1997 GROSS ALPHA	Findings:	2.500 PCI/L
Sample Collected: Chemical:	10/28/1997 GROSS ALPHA COUNTING ERROR	Findings:	1.700 PCI/L
Sample Collected: Chemical:	10/28/1997 DIBROMOCHLOROPROPANE (DBCF	Findings: P)	.840 UG/L
Sample Collected: Chemical:	01/27/1998 SOURCE TEMPERATURE C	Findings:	20.000 C
Sample Collected: Chemical:	01/27/1998 SPECIFIC CONDUCTANCE	Findings:	605.000 UMHO
Sample Collected: Chemical:	01/27/1998 FIELD PH	Findings:	7.900
Sample Collected: Chemical:	01/27/1998 PH (LABORATORY)	Findings:	7.630
Sample Collected: Chemical:	01/27/1998 TOTAL ALKALINITY (AS CACO3)	Findings:	182.000 MG/L

Sample Collected: Chemical:	01/27/1998 BICARBONATE ALKALINITY	Findings:	221.000 MG/L
Sample Collected: Chemical:	01/27/1998 TOTAL HARDNESS (AS CACO3)	Findings:	190.000 MG/L
Sample Collected: Chemical:	01/27/1998 CALCIUM	Findings:	57.800 MG/L
Sample Collected: Chemical:	01/27/1998 MAGNESIUM	Findings:	11.100 MG/L
Sample Collected: Chemical:	01/27/1998 SODIUM	Findings:	55.000 MG/L
Sample Collected: Chemical:	01/27/1998 POTASSIUM	Findings:	3.600 MG/L
Sample Collected: Chemical:	01/27/1998 CHLORIDE	Findings:	10.900 MG/L
Sample Collected: Chemical:	01/27/1998 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.624 MG/L
Sample Collected: Chemical:	01/27/1998 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.840 UG/L
Sample Collected: Chemical:	01/27/1998 TOTAL DISSOLVED SOLIDS	Findings:	384.000 MG/L
Sample Collected: Chemical:	01/27/1998 LANGELIER INDEX @ 60 C	Findings:	1.070
Sample Collected: Chemical:	01/27/1998 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.370
Sample Collected: Chemical:	01/27/1998 NITRATE (AS NO3)	Findings:	70.000 MG/L
Sample Collected: Chemical:	01/27/1998 TURBIDITY (LAB)	Findings:	1.300 NTU
Sample Collected: Chemical:	01/27/1998 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.320
Sample Collected: Chemical:	01/27/1998 NITRATE + NITRITE (AS N)	Findings:	15800.000 UG/L

A5 WSW 1/2 - 1 Mile Lower

CA WELLS 832

W	ater System Informatio	n:		
	Prime Station Code:	01S/03W-35G07 S	User ID:	TAN
	FRDS Number:	3610037038	County:	San Beernardino
	District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
	Water Type:	Well/Groundwater	Well Status:	Inactive Raw
	Source Lat/Long:	340200.0 1170900.0	Precision:	Undefined
	Source Name:	WELL 11 - INACTIVE		
	System Number:	3610037		
	System Name:	REDLANDS CITY MUD-WATER DIV		
	Organization That Operation	ates System:		
		PO BOX 3005		
		REDLANDS, CA 92373		
	Pop Served:	69300	Connections:	18447
	Area Served:	REDLANDS		

Sample Information: Sample Collected: Chemical:	* Only Findings Above Detection L 06/19/1984 SPECIFIC CONDUCTANCE	evei Are Listed. Findings:	700.000 UMHO
Sample Collected: Chemical:	06/19/1984 PH (LABORATORY)	Findings:	7.890
Sample Collected:	06/19/1984	Findings:	164.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACC	D3)	
Sample Collected:	06/19/1984	Findings:	235.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACC	03)	
Sample Collected: Chemical:	06/19/1984 CALCIUM	Findings:	70.899 MG/L
Sample Collected: Chemical:	06/19/1984 MAGNESIUM	Findings:	17.299 MG/L
Sample Collected: Chemical:	06/19/1984 SODIUM	Findings:	44.700 MG/L
Sample Collected: Chemical:	06/19/1984 POTASSIUM	Findings:	2.600 MG/L
Sample Collected: Chemical:	06/19/1984 CHLORIDE	Findings:	20.000 MG/L
Sample Collected:	06/19/1984	Findings:	.520 MG/L
Chemical:	FLUORIDE (TEMPERATURE [DEPENDENT)	
Sample Collected: Chemical:	06/19/1984 NITRATE (AS NO3)	Findings:	90.000 MG/L
Sample Collected:	03/21/1986	Findings:	.420 UG/L
Chemical:	DIBROMOCHLOROPROPANE	(DBCP)	
Sample Collected:	04/24/1986	Findings:	.340 UG/L
Chemical:	DIBROMOCHLOROPROPANE	(DBCP)	
Sample Collected:	05/22/1986	Findings:	.260 UG/L
Chemical:	DIBROMOCHLOROPROPANE	(DBCP)	
Sample Collected:	06/19/1986	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING E	RROR	
Sample Collected:	09/05/1986	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING E	RROR	
Sample Collected: Chemical:	10/21/1986 PH (LABORATORY)	Findings:	7.500
Sample Collected:	10/21/1986	Findings:	163.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CACC	D3)	
Sample Collected:	10/21/1986	Findings:	151.600 MG/L
Chemical:	TOTAL HARDNESS (AS CACC	03)	
Sample Collected: Chemical:	10/21/1986 TOTAL DISSOL VED SOLIDS	Findings:	375.200 MG/L
Sample Collected: Chemical:	10/21/1986 LANGELIER INDEX @ 60 C	Findings:	.630
Sample Collected:	10/21/1986	Findings:	.030
Chemical:	LANGELIER INDEX @ SOURC	CE TEMP.	
Sample Collected:	10/21/1986	Findings:	11.900
Chemical:	AGGRSSIVE INDEX (CORROS	SIVITY)	
Sample Collected:	10/21/1986	Findings:	.190 UG/L
Chemical:	DIBROMOCHLOROPROPANE	(DBCP)	

Sample Collected: Chemical:	10/21/1986 SPECIFIC CONDUCTANCE	Findings:	610.000 UMHO
Sample Collected: Chemical:	10/21/1986 PH (LABORATORY)	Findings:	7.500
Sample Collected: Chemical:	10/21/1986 TOTAL ALKALINITY (AS CACO3)	Findings:	175.440 MG/L
Sample Collected: Chemical:	10/21/1986 BICARBONATE ALKALINITY	Findings:	214.040 MG/L
Sample Collected: Chemical:	10/21/1986 TOTAL HARDNESS (AS CACO3)	Findings:	216.800 MG/L
Sample Collected: Chemical:	10/21/1986 CALCIUM	Findings:	66.299 MG/L
Sample Collected: Chemical:	10/21/1986 MAGNESIUM	Findings:	14.000 MG/L
Sample Collected: Chemical:	10/21/1986 SODIUM	Findings:	41.200 MG/L
Sample Collected: Chemical:	10/21/1986 POTASSIUM	Findings:	3.610 MG/L
Sample Collected: Chemical:	10/21/1986 CHLORIDE	Findings:	14.200 MG/L
Sample Collected: Chemical:	10/21/1986 FLUORIDE (TEMPERATURE DEPEN	Findings: IDENT)	.710 MG/L
Sample Collected: Chemical:	10/21/1986 TOTAL DISSOLVED SOLIDS	Findings:	375.200 MG/L
Sample Collected: Chemical:	10/21/1986 NITRATE (AS NO3)	Findings:	67.899 MG/L
Sample Collected: Chemical:	01/06/1987 DIBROMOCHLOROPROPANE (DBC	Findings: P)	.200 UG/L
Sample Collected: Chemical:	04/10/1987 DIBROMOCHLOROPROPANE (DBC	Findings: P)	.110 UG/L
Sample Collected: Chemical:	07/28/1987 DIBROMOCHLOROPROPANE (DBC	Findings: P)	.710 UG/L
Sample Collected: Chemical:	10/09/1987 SOURCE TEMPERATURE C	Findings:	21.700 C
Sample Collected: Chemical:	10/09/1987 ODOR THRESHOLD @ 60 C	Findings:	2.000 TON
Sample Collected: Chemical:	10/09/1987 SPECIFIC CONDUCTANCE	Findings:	660.000 UMHO
Sample Collected: Chemical:	10/09/1987 FIELD PH	Findings:	8.120
Sample Collected: Chemical:	10/09/1987 PH (LABORATORY)	Findings:	8.120
Sample Collected: Chemical:	10/09/1987 TOTAL ALKALINITY (AS CACO3)	Findings:	187.900 MG/L
Sample Collected: Chemical:	10/09/1987 BICARBONATE ALKALINITY	Findings:	229.200 MG/L
Sample Collected: Chemical:	10/09/1987 TOTAL HARDNESS (AS CACO3)	Findings:	246.400 MG/L
Sample Collected: Chemical:	10/09/1987 CALCIUM	Findings:	75.900 MG/L

Sample Collected:	10/09/1987
Chemical:	MAGNESIUM
Sample Collected:	10/09/1987
Chemical:	SODIUM
Sample Collected:	10/09/1987
Chemical:	POTASSIUM
Sample Collected:	10/09/1987
Chemical:	CHLORIDE
Sample Collected:	10/09/1987
Chemi ca l:	FLUORIDE (TEMF
Sample Collected:	10/09/1987
Chemical:	GROSS ALPHA C
Sample Collected:	10/09/1987
Chemical:	TOTAL DISSOL VI
Sample Collected:	10/09/1987
Chemical:	LANGELIER INDE
Sample Collected:	10/09/1987
Chemical:	LANGELIER INDE
Sample Collected:	10/09/1987
Chemical:	NITRATE (AS NO
Sample Collected:	10/09/1987
Chemical:	TURBIDITY (LAB)
Sample Collected:	10/09/1987
Chemical:	AGGRSSIVE INDI
Sample Collected:	10/09/1987
Chemical:	SOURCE TEMPE
Sample Collected:	10/09/1987
Chemical:	ODOR THRESHO
Sample Collected:	10/09/1987
Chemical:	SPECIFIC COND
Sample Collected:	10/09/1987
Chemical:	FIELD PH
Sample Collected:	10/09/1987
Chemical:	PH (LABORATOR
Sample Collected:	10/09/1987
Chemical:	TOTAL ALKALINI
Sample Collected:	10/09/1987
Chemical:	BICARBONATE A
Sample Collected:	10/09/1987
Chemical:	TOTAL HARDNES
Sample Collected:	10/09/1987
Chemical:	CALCIUM
Sample Collected:	10/09/1987
Chemical:	MAGNESIUM
Sample Collected:	10/09/1987
Chemical:	SODIUM
Sample Collected:	10/09/1987
Chemical:	POTASSIUM
Sample Collected:	10/09/1987
Chemical:	CHLORIDE

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10/09/1987 MAGNESIUM	Findings:	13.800 MG/L
10/09/1987 SODIUM	Findings:	40.900 MG/L
10/09/1987 POTASSIUM	Findings:	2.700 MG/L
10/09/1987 CHLORIDE	Findings:	13.700 MG/L
10/09/1987 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.300 MG/L
10/09/1987 GROSS ALPHA COUNTING ERROR	Findings:	1.800 PCI/L
10/09/1987 TOTAL DISSOLVED SOLIDS	Findings:	434.900 MG/L
10/09/1987 LANGELIER INDEX @ 60 C	Findings:	1.010
10/09/1987 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.360
10/09/1987 NITRATE (AS NO3)	Findings:	66.700 MG/L
10/09/1987 TURBIDITY (LAB)	Findings:	.200 NTU
10/09/1987 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.200
10/09/1987 SOURCE TEMPERATURE C	Findings:	21.700 C
10/09/1987 ODOR THRESHOLD @ 60 C	Findings:	2.000 TON
10/09/1987 SPECIFIC CONDUCTANCE	Findings:	660.000 UMHO
10/09/1987 FIELD PH	Findings:	8.120
10/09/1987 PH (LABORATORY)	Findings:	8.120
10/09/1987 TOTAL ALKALINITY (AS CACO3)	Findings:	187.900 MG/L
10/09/1987 BICARBONATE ALKALINITY	Findings:	229.200 MG/L
10/09/1987 TOTAL HARDNESS (AS CACO3)	Findings:	246.400 MG/L
10/09/1987 CALCIUM	Findings:	75.899 MG/L
10/09/1987 MAGNESIUM	Findings:	13.800 MG/L
10/09/1987 SODIUM	Findings:	40.899 MG/L
10/09/1987 POTASSIUM	Findings:	2.700 MG/L
10/09/1987 CHLORIDE	Findings:	13.700 MG/L

Findings:

Findings:

Findings:

Findings:

Findings:

Sample Collected: Chemical:	10/09/1987 FLUORIDE (TEMPERATURE DEPEN	Findin DENT)
Sample Collected: Chemical:	10/09/1987 GROSS ALPHA COUNTING ERROR	Findir
Sample Collected: Chemical:	10/09/1987 TOTAL DISSOLVED SOLIDS	Findin
Sample Collected: Chemical:	10/09/1987 LANGELIER INDEX @ 60 C	Findin
Sample Collected: Chemical:	10/09/1987 LANGELIER INDEX @ SOURCE TEM	Findir 1P.
Sample Collected: Chemical:	10/09/1987 NITRATE (AS NO3)	Findin
Sample Collected: Chemical:	10/09/1987 TURBIDITY (LAB)	Findin
Sample Collected: Chemical:	10/09/1987 AGGRSSIVE INDEX (CORROSIVITY)	Findir
Sample Collected: Chemical:	01/07/1988 DIBROMOCHLOROPROPANE (DBCF	Findir P)
Sample Collected: Chemical:	03/22/1988 DIBROMOCHLOROPROPANE (DBC	Findir ²)
Sample Collected: Chemical:	04/07/1988 DIBROMOCHLOROPROPANE (DBCF	Findir P)
Sample Collected: Chemical:	05/16/1988 SOURCE TEMPERATURE C	Findir
Sample Collected: Chemical:	05/16/1988 SPECIFIC CONDUCTANCE	Findir
Sample Collected: Chemical:	05/16/1988 FIELD PH	Findir
Sample Collected: Chemical:	05/16/1988 PH (LABORATORY)	Findir
Sample Collected: Chemical:	05/16/1988 TOTAL ALKALINITY (AS CACO3)	Findir
Sample Collected: Chemical:	05/16/1988 BICARBONATE ALKALINITY	Findir
Sample Collected: Chemical:	05/16/1988 TOTAL HARDNESS (AS CACO3)	Findir
Sample Collected: Chemical:	05/16/1988 CALCIUM	Findir
Sample Collected: Chemical:	05/16/1988 MAGNESIUM	Findir
Sample Collected: Chemical:	05/16/1988 SODIUM	Findir
Sample Collected: Chemical:	05/16/1988 POTASSIUM	Findir
Sample Collected: Chemical:	05/16/1988 CHLORIDE	Findir
Sample Collected: Chemical:	05/16/1988 FLUORIDE (TEMPERATURE DEPEN	Findir (DENT)

IGELIER INDEX @ SOURCE TEMP. 9/1987 Findings: RATE (AS NO3) 9/1987 Findings: RBIDITY (LAB) 9/1987 Findings: GRSSIVE INDEX (CORROSIVITY) 7/1988 Findings: ROMOCHLOROPROPANE (DBCP) 2/1988 Findings: ROMOCHLOROPROPANE (DBCP) 7/1988 Findings: ROMOCHLOROPROPANE (DBCP) 6/1988 Findings: JRCE TEMPERATURE C 6/1988 Findings: CIFIC CONDUCTANCE 6/1988 Findings: D PH 6/1988 Findings: (LABORATORY) 6/1988 Findings: AL ALKALINITY (AS CACO3) 6/1988 Findings: ARBONATE ALKALINITY 6/1988 Findings: AL HARDNESS (AS CACO3) 6/1988 Findings: CIUM. 6/1988 Findings: GNESIUM 6/1988 Findings: MUIC 16/1988 Findings: TASSIUM 16/1988 Findings: ORIDE 16/1988 Findings: JORIDE (TEMPERATURE DEPENDENT) 05/16/1988 Findings: BORON

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Chemical:

Sample Collected:

.300 MG/L

1.800 PCI/L

434.890 MG/L

66.700 MG/L

.200 NTU

.300 UG/L

.540 UG/L

.640 UG/L

22.200 C

8.100

8.100

660.000 UMHO

185.800 MG/L

226.700 MG/L

227.200 MG/L

67.900 MG/L

14.000 MG/L

43.600 MG/L

3.000 MG/L

13.100 MG/L

.600 MG/L

.290 UG/L

12.200

1.010

.360

Sample Collected: Chemical:

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Sample Collected: Chemical:

05/16/1988 GROSS ALPHA	Findings:	1.200 PCI/L
05/16/1988 GROSS ALPHA COUNTING ERROR	Findings:	.600 PCI/L
05/16/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.640 UG/L
05/16/1988 TOTAL DISSOLVED SOLIDS	Findings:	378.200 MG/L
05/16/1988 LANGELIER INDEX @ 60 C	Findings:	.940
05/16/1988 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	.300
05/16/1988 NITRATE (AS NO3)	Findings:	67.600 MG/L
05/16/1988 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.200
06/02/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.610 UG/L
10/04/1988 GROSS ALPHA COUNTING ERROR	Findings:	.300 PCI/L
10/04/1988 TETRACHLOROETHYLENE	Findings:	.700 UG/L
10/04/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.480 UG/L
12/06/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.370 UG/L
01/13/1989 GROSS ALPHA	Findings:	13.200 PCI/L
01/13/1989 GROSS ALPHA COUNTING ERROR	Findings:	2.200 PCI/L
01/13/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.170 UG/L
03/01/1989 RADIUM 226 COUNTING ERROR	Findings:	1.000 PCI/L
04/20/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
04/28/1989 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.150 UG/L
06/02/1989 SOURCE TEMPERATURE C	Findings:	21.100 C
06/02/1989 SPECIFIC CONDUCTANCE	Findings:	690.000 UMHO
06/02/1989 FIELD PH	Findings:	7.860
06/02/1989 PH (LABORATORY)	Findings:	7.860
06/02/1989 TOTAL ALKALINITY (AS CACO3)	Findings:	205.200 MG/L
06/02/1989 BICARBONATE ALKALINITY	Findings:	250.300 MG/L

Sample Collected: Chemical:

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Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

06/02/1989 TOTAL HARDNESS (AS CACO3)	Findings:	231.200 MG/L
06/02/1989 CALCIUM	Findings:	65.400 MG/L
06/02/1989 MAGNESIUM	Findings:	16.500 MG/L
06/02/1989 SODIUM	Findings:	50.700 MG/L
06/02/1989 POTASSIUM	Findings:	2.400 MG/L
06/02/1989 CHLORIDE	Findings:	13.200 MG/L
06/02/1989 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.400 MG/L
06/02/1989 GROSS ALPHA	Findings:	2.000 PCI/L
06/02/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
06/02/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.190 UG/L
06/02/1989 TOTAL DISSOLVED SOLIDS	Findings:	400.200 MG/L
06/02/1989 LANGELIER INDEX @ 60 C	Findings:	1.120
06/02/1989 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.460
06/02/1989 NITRATE (AS NO3)	Findings:	69.000 MG/L
06/02/1989 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.400
10/06/1989 GROSS ALPHA	Findings:	1.800 PCI/L
10/06/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.800 PCI/L
10/06/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.150 UG/L
01/12/1990 GROSS ALPHA	Findings:	3.200 PCI/L
01/12/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
01/12/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.400 UG/L
04/10/1990 SOURCE TEMPERATURE C	Findings:	21.700 C
04/10/1990 SPECIFIC CONDUCTANCE	Findings:	690.000 UMHO
04/10/1990 FIELD PH	Findings:	8.050
04/10/1990 PH (LABORATORY)	Findings:	8.050

Sample Collected: Chemical:

04/10/1990 TOTAL ALKALINITY (AS CACO3)	Findings:	200.800 MG/L
04/10/1990 BICARBONATE ALKALINITY	Findings:	245.000 MG/L
04/10/1990 TOTAL HARDNESS (AS CACO3)	Findings:	272.000 MG/L
04/10/1990 CALCIUM	Findings:	75.000 MG/L
04/10/1990 MAGNESIUM	Findings:	20.600 MG/L
04/10/1990 SODIUM	Findings:	35.500 MG/L
04/10/1990 POTASSIUM	Findings:	2.300 MG/L
04/10/1990 CHLORIDE	Findings:	14.400 MG/L
04/10/1990 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.500 MG/L
04/10/1990 BORON	Findings:	.370 UG/L
04/10/1990 GROSS ALPHA	Findings:	1.600 PCI/L
04/10/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
04/10/1990 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.180 UG/L
04/10/1990 TOTAL DISSOLVED SOLIDS	Findings:	387.600 MG/L
04/10/1990 LANGELIER INDEX @ 60 C	Findings:	1.360
04/10/1990 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.710
04/10/1990 NITRATE (AS NO3)	Findings:	80.000 MG/L
04/10/1990 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.600
07/19/1990 GROSS ALPHA	Findings:	1.400 PCI/L
07/19/1990 GROSS ALPHA COUNTING ERROR	Findings:	.800 PCI/L
07/19/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.500 UG/L
10/23/1990 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
01/15/1991 SOURCE TEMPERATURE C	Findings:	21.700 C
01/15/1991 SPECIFIC CONDUCTANCE	Findings:	500.000 UMHO
01/15/1991 FIELD PH	Findings:	8.000

Sample Collected: Chemical:

01/15/1991 PH (LABORATORY)	Findings:	8.000
01/15/1991 TOTAL ALKALINITY (AS CACO3)	Findings:	170.800 MG/L
01/15/1991 BICARBONATE ALKALINITY	Findings:	208.400 MG/I
01/15/1991 TOTAL HARDNESS (AS CACO3)	Findings:	184.000 MG/L
01/15/1991 CALCIUM	Findings:	31.900 MG/L
01/15/1991 MAGNESIUM	Findings:	25.400 MG/L
01/15/1991 SODIUM	Findings:	41.300 MG/L
01/15/1991 POTASSIUM	Findings:	2.300 MG/L
01/15/1991 CHLORIDE	Findings:	16.000 MG/L
01/15/1991 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	.400 MG/L
01/15/1991 GROSS ALPHA	Findings:	2.000 PCI/L
01/15/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
01/15/1991 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.020 UG/L
01/15/1991 TOTAL DISSOLVED SOLIDS	Findings:	290.000 MG/L
01/15/1991 LANGELIER INDEX @ 60 C	Findings:	.890
01/15/1991 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.220
01/15/1991 NITRATE (AS NO3)	Findings:	36.600 MG/L
01/15/1991 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.100
04/04/1991 GROSS ALPHA	Findings:	2.600 PCI/L
04/04/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
04/04/1991 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.020 UG/L
07/23/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
10/10/1991 GROSS ALPHA	Findings:	3.200 PCI/L
10/10/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.900 PCI/L
01/13/1992 SOURCE TEMPERATURE C	Findings:	21.110 C

Sample Collected: Chemical:

01/13/1992 SPECIFIC CONDUCTANCE	Findings:	550.000 UMHO
01/13/1992 FIELD PH	Findings:	7.900
01/13/1992 PH (LABORATORY)	Findings:	7.900
01/13/1992 TOTAL ALKALINITY (AS CACO3)	Findings:	172.000 MG/L
01/13/1992 BICARBONATE ALKALINITY	Findings:	209.800 MG/L
01/13/1992 TOTAL HARDNESS (AS CACO3)	Findings:	187.200 MG/L
01/13/1992 CALCIUM	Findings:	50.000 MG/L
01/13/1992 MAGNESIUM	Findings:	15.200 MG/L
01/13/1992 SODIUM	Findings:	42.100 MG/L
01/13/1992 POTASSIUM	Findings:	2.100 MG/L
01/13/1992 CHLORIDE	Findings:	16.200 MG/L
01/13/1992 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	.500 MG/L
01/13/1992 BORON	Findings:	.180 UG/L
01/13/1992 GROSS ALPHA	Findings:	2.300 PCI/L
01/13/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
01/13/1992 TOTAL DISSOLVED SOLIDS	Findings:	305.500 MG/L
01/13/1992 LANGELIER INDEX @ 60 C	Findings:	.990
01/13/1992 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.310
01/13/1992 NITRATE (AS NO3)	Findings:	49.600 MG/L
01/13/1992 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.230
01/13/1992 DIBROMOCHLOROPROPANE (DBCF	Findings: ')	.030 UG/L
04/16/1992 GROSS ALPHA	Findings:	1.900 PCI/L
04/16/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
04/16/1992 GROSS BETA COUNTING ERROR	Findings:	1.500 PCI/L
07/16/1992 GROSS ALPHA	Findings:	2.900 PCI/L

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Sample Collected: Chemical:

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Sample Collected: Chemical:

07/16/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.700 PCI/L
07/16/1992 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.030 UG/L
10/23/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
10/23/1992 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.100 UG/L
01/26/1993 SOURCE TEMPERATURE C	Findings:	21.110 C
01/26/1993 SPECIFIC CONDUCTANCE	Findings:	680.000 UMHO
01/26/1993 FIELD PH	Findings:	7.900
01/26/1993 PH (LABORATORY)	Findings:	7.900
01/26/1993 TOTAL ALKALINITY (AS CACO3)	Findings:	189.600 MG/L
01/26/1993 BICARBONATE ALKALINITY	Findings:	231.300 MG/L
01/26/1993 TOTAL HARDNESS (AS CACO3)	Findings:	248.000 MG/L
01/26/1993 CALCIUM	Findings:	66.500 MG/L
01/26/1993 MAGNESIUM	Findings:	19.900 MG/L
01/26/1993 SODIUM	Findings:	47.500 MG/L
01/26/1993 POTASSIUM	Findings:	2.100 MG/L
01/26/1993 CHLORIDE	Findings:	15.700 MG/L
01/26/1993 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.400 MG/L
01/26/1993 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.130 UG/L
01/26/1993 TOTAL DISSOLVED SOLIDS	Findings:	387.800 MG/L
01/26/1993 LANGELIER INDEX @ 60 C	Findings:	1.140
01/26/1993 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.460
01/26/1993 NITRATE (AS NO3)	Findings:	78.900 MG/L
01/26/1993 TURBIDITY (LAB)	Findings:	.100 NTU
01/26/1993 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.400
04/20/1993 GROSS ALPHA COUNTING ERROR	Findings:	.700 PCI/L

Sample Collected: Chemical:

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Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

10/14/1993 GROSS ALPHA	Findings:	1.900 PCI/L
10/14/1993 GROSS ALPHA COUNTING ERROR	Findings:	.500 PCI/L
10/14/1993 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.080 UG/L
02/03/1994 SOURCE TEMPERATURE C	Findings:	20.000 C
02/03/1994 SPECIFIC CONDUCTANCE	Findings:	650.000 UMHO
02/03/1994 FIELD PH	Findings:	7.800
02/03/1994 PH (LABORATORY)	Findings:	8.000
02/03/1994 TOTAL ALKALINITY (AS CACO3)	Findings:	180.000 MG/L
02/03/1994 BICARBONATE ALKALINITY	Findings:	219.600 MG/L
02/03/1994 TOTAL HARDNESS (AS CACO3)	Findings:	250.000 MG/L
02/03/1994 CALCIUM	Findings:	68.900 MG/L
02/03/1994 MAGNESIUM	Findings:	19.000 MG/L
02/03/1994 SODIUM	Findings:	42.000 MG/L
02/03/1994 POTASSIUM	Findings:	2.600 MG/L
02/03/1994 CHLORIDE	Findings:	15.700 MG/L
02/03/1994 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.500 MG/L
02/03/1994 ALUMINUM	Findings:	140.000 UG/L
02/03/1994 GROSS ALPHA	Findings:	1.900 PCI/L
02/03/1994 GROSS ALPHA COUNTING ERROR	Findings:	.600 PCI/L
02/03/1994 GROSS BETA COUNTING ERROR	Findings:	.700 PCI/L
02/03/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.130 UG/L
02/03/1994 TOTAL DISSOLVED SOLIDS	Findings:	423.000 MG/L
02/03/1994 LANGELIER INDEX @ 60 C	Findings:	1.230
02/03/1994 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.530
02/03/1994 NITRATE (AS NO3)	Findings:	99.300 MG/L

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Sample Collected: Chemical:

	Findings:	.100 NTU
02/03/1994	Findings:	12.490
AGGRSSIVE INDEX (CORROSIVITY) 02/03/1994	Findings:	22415.000 UG/L
NITRATE + NITRITE (AS N) 04/13/1994	Findings:	080 UG/I
DIBROMOCHLOROPROPANE (DBCP))	.000 00/2
04/28/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
04/28/1994 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.120 UG/L
07/19/1994 GROSS ALPHA	Findings:	2.700 PCI/L
07/19/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
07/19/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.110 UG/L
10/21/1994 GROSS ALPHA	Findings:	1.700 PCI/L
10/21/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
10/21/1994 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.060 UG/L
02/15/1995 SOURCE TEMPERATURE C	Findings:	22.200 C
02/15/1995 SPECIFIC CONDUCTANCE	Findings:	680.000 UMHO
02/15/1995 FIELD PH	Findings:	7.700
02/15/1995 PH (LABORATORY)	Findings:	7.700
02/15/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	187.200 MG/L
02/15/1995 BICARBONATE ALKALINITY	Findings:	228.400 MG/L
02/15/1995 TOTAL HARDNESS (AS CACO3)	Findings:	256.800 MG/L
02/15/1995 CALCIUM	Findings:	67.600 MG/L
02/15/1995 MAGNESIUM	Findings:	17.200 MG/L
02/15/1995 SODIUM	Findings:	45.300 MG/L
02/15/1995 POTASSIUM	Findings:	2.500 MG/L
02/15/1995 CHLORIDE	Findings:	12.700 MG/L
02/15/1995 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.300 MG/L

Sample Collected: Chemical:

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Sample Collected: Chemical:

02/15/1995 ALUMINUM	Findings:	62.000 UG/L
02/15/1995 GROSS ALPHA	Findings:	2.700 PCI/L
02/15/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
02/15/1995 GROSS BETA COUNTING ERROR	Findings:	1.000 PCI/L
02/15/1995 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.150 UG/L
02/15/1995 TOTAL DISSOLVED SOLIDS	Findings:	416.000 MG/L
02/15/1995 LANGELIER INDEX @ 60 C	Findings:	.960
02/15/1995 LANGELIER INDEX @ SOURCE TEM	Findings:	.300
02/15/1995 NITRATE (AS NO3)	Findings:	80.500 MG/L
02/15/1995 TURBIDITY (LAB)	Findings:	.100 NTU
02/15/1995 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.220
02/15/1995 NITRATE + NITRITE (AS N)	Findings:	18172.000 UG/L
02/15/1995 TRITIUM COUNTING ERROR	Findings:	200.000 PCI/L
02/15/1995 RA 226 + RA 228	Findings:	.170 PCI/L
02/15/1995 RA 226 + RA 228 COUNTING ERROR	Findings:	.060 PCI/L
02/15/1995 STRONTIUM-90 COUNTING ERROR	Findings:	.530 PCI/L
04/13/1995 GROSS ALPHA	Findings:	2.400 PCI/L
04/13/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
04/13/1995 NITRATE + NITRITE (AS N)	Findings:	20700.000 UG/L
09/12/1995 GROSS ALPHA	Findings:	2.800 PCI/L
09/12/1995 GROSS ALPHA COUNTING ERROR	Findings:	.600 PCI/L
09/12/1995 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.110 UG/L
09/12/1995 NITRATE + NITRITE (AS N)	Findings:	19380.000 UG/L
12/06/1995 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.150 UG/L
12/06/1995 NITRATE + NITRITE (AS N)	Findings:	18600.000 UG/L

Sample Collected: Chemical:

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Sample Collected: Chemical:

Sample Collected:

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Sample Collected: Chemical:

02/13/1996 SOURCE TEMPERATURE C	Findings:	20.000 C
02/13/1996 SPECIFIC CONDUCTANCE	Findings:	670.000 UMHO
02/13/1996 FIELD PH	Findings:	7.800
02/13/1996 PH (LABORATORY)	Findings:	7.800
02/13/1996 TOTAL ALKALINITY (AS CACO3)	Findings:	190.400 MG/L
02/13/1996 BICARBONATE ALKALINITY	Findings:	232.300 MG/L
02/13/1996 TOTAL HARDNESS (AS CACO3)	Findings:	248.000 MG/L
02/13/1996 CALCIUM	Findings:	68.100 MG/L
02/13/1996 MAGNESIUM	Findings:	19.000 MG/L
02/13/1996 SODIUM	Findings:	45.100 MG/L
02/13/1996 POTASSIUM	Findings:	2.600 MG/L
02/13/1996 CHLORIDE	Findings:	12.300 MG/L
02/13/1996 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.200 MG/L
02/13/1996 LEAD	Findings:	9.400 UG/L
02/13/1996 GROSS ALPHA	Findings:	2.600 PCI/L
02/13/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
02/13/1996 GROSS BETA	Findings:	6.900 PCI/L
02/13/1996 GROSS BETA COUNTING ERROR	Findings:	1.100 PCI/L
02/13/1996 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.140 UG/L
02/13/1996 TOTAL DISSOLVED SOLIDS	Findings:	433.000 MG/L
02/13/1996 LANGELIER INDEX @ 60 C	Findings:	1.050
02/13/1996 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.350
02/13/1996 NITRATE (AS NO3)	Findings:	104.000 MG/L
02/13/1996 TURBIDITY (LAB)	Findings:	.100 NTU
02/13/1996	Findings:	12.310

AGGRSSIVE INDEX (CORROSIVITY)

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Sample Collected: Chemical:

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Sample Collected: Chemical:

02/13/1996 NITRATE + NITRITE (AS N)	Findings:	23476.000 UG/
04/12/1996 GROSS ALPHA	Findings:	2.200 PCI/L
04/12/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
08/22/1996 GROSS ALPHA	Findings:	1.500 PCI/L
08/22/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
08/22/1996 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.140 UG/L
08/22/1996 NITRATE (AS NO3)	Findings:	85.800 MG/L
11/14/1996 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
11/14/1996 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.120 UG/L
11/14/1996 NITRATE (AS NO3)	Findings:	93.000 MG/L
01/28/1997 SOURCE TEMPERATURE C	Findings:	21.100 C
01/28/1997 SPECIFIC CONDUCTANCE	Findings:	695.000 UMHO
01/28/1997 FIELD PH	Findings:	7.700
01/28/1997 PH (LABORATORY)	Findings:	7.700
01/28/1997 TOTAL ALKALINITY (AS CACO3)	Findings:	192.000 MG/L
01/28/1997 BICARBONATE ALKALINITY	Findings:	235.000 MG/L
01/28/1997 TOTAL HARDNESS (AS CACO3)	Findings:	251.000 MG/L
01/28/1997 CALCIUM	Findings:	70.800 MG/L
01/28/1997 MAGNESIUM	Findings:	18.900 MG/L
01/28/1997 SODIUM	Findings:	44.800 MG/L
01/28/1997 POTASSIUM	Findings:	2.700 MG/L
01/28/1997 CHLORIDE	Findings:	10.100 MG/L
01/28/1997 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.820 MG/L
01/28/1997 GROSS ALPHA	Findings:	6.600 PCI/L
01/28/1997 GROSS ALPHA COUNTING ERROR	Findings:	.700 PCI/L

Sample Collected: Chemical:

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Sample Collected: Chemical:

01/28/1997 GROSS BETA COUNTING ERROR	Findings:	.600 PCI/L
01/28/1997 URANIUM	Findings:	4.000 PCI/L
01/28/1997 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.190 UG/L
01/28/1997 TOTAL DISSOLVED SOLIDS	Findings:	391.000 MG/L
01/28/1997 LANGELIER INDEX @ 60 C	Findings:	.980
01/28/1997 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.300
01/28/1997 NITRATE (AS NO3)	Findings:	75.600 MG/L
01/28/1997 TURBIDITY (LAB)	Findings:	.100 NTU
01/28/1997 TOTAL RADON 222 COUNTING ERR	Findings: OR	3.000 PCI/L
01/28/1997 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.230
01/28/1997 NITRATE + NITRITE (AS N)	Findings:	17100.000 UG/L
01/28/1997 TRITIUM	Findings:	547.000 PCI/L
01/28/1997 TRITIUM COUNTING ERROR	Findings:	85.000 PCI/L
01/28/1997 RADIUM 226	Findings:	.560 PCI/L
01/28/1997 RADIUM 226 COUNTING ERROR	Findings:	.280 PCI/L
01/28/1997 RADIUM 228 COUNTING ERROR	Findings:	.200 PCI/L
01/28/1997 STRONTIUM-90 COUNTING ERROR	Findings:	.810 PCI/L
04/08/1997 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.200 UG/L
04/08/1997 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
07/29/1997 GROSS ALPHA COUNTING ERROR	Findings:	2.100 PCI/L
07/29/1997 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.170 UG/L
10/28/1997 GROSS ALPHA	Findings:	1.500 PCI/L
10/28/1997 GROSS ALPHA COUNTING ERROR	Findings:	.700 PCI/L
10/28/1997 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.160 UG/L
01/28/1998 SOURCE TEMPERATURE C	Findings:	18.900 C

Sample Collected: Chemical:	01/28/1998 SPECIFIC CONDUCTANCE	Findings:	640.000 UMHO
Sample Collected: Chemical:	01/28/1998 FIELD PH	Findings:	7.900
Sample Collected: Chemical:	01/28/1998 PH (LABORATORY)	Findings:	7.700
Sample Collected: Chemical:	01/28/1998 TOTAL ALKALINITY (AS CACO3)	Findings:	194.000 MG/L
Sample Collected: Chemical:	01/28/1998 BICARBONATE ALKALINITY	Findings:	237.000 MG/L
Sample Collected: Chemical:	01/28/1998 TOTAL HARDNESS (AS CACO3)	Findings:	266.000 MG/L
Sample Collected: Chemical:	01/28/1998 CALCIUM	Findings:	72.600 MG/L
Sample Collected: Chemical:	01/28/1998 MAGNESIUM	Findings:	28.400 MG/L
Sample Collected: Chemical:	01/28/1998 SODIUM	Findings:	20.000 MG/L
Sample Collected: Chemical:	01/28/1998 POTASSIUM	Findings:	4.900 MG/L
Sample Collected: Chemical:	01/28/1998 CHLORIDE	Findings:	10.200 MG/L
Sample Collected: Chemical:	01/28/1998 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.583 MG/L
Sample Collected: Chemical:	01/28/1998 TOTAL DISSOLVED SOLIDS	Findings:	394.000 MG/L
Sample Collected: Chemical:	01/28/1998 LANGELIER INDEX @ 60 C	Findings:	1.200
Sample Collected: Chemical:	01/28/1998 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.470
Sample Collected: Chemical:	01/28/1998 NITRATE (AS NO3)	Findings:	68.400 MG/L
Sample Collected: Chemical:	01/28/1998 TURBIDITY (LAB)	Findings:	.100 NTU
Sample Collected: Chemical:	01/28/1998 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.450
Sample Collected: Chemical:	01/28/1998 NITRATE + NITRITE (AS N)	Findings:	15400.000 UG/L

A6 WSW 1/2 - 1 Mile Lower

CA WELLS 2435

 Water System Information:

 Prime Station Code:
 0

 FRDS Number:
 3

 District Number:
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 Water Type:
 V

 Source Lat/Long:
 3

Source Name:

02S/03W-01D01 S 3610037030 13 Well/Groundwater 340200.0 1170900.0 REDLANDS HEIGHTS WELL

User ID: County: Station Type: Well Status: Precision: TAN San Beernardino WELL/AMBNT/MUN/INTAKE/SUPPLY Active Raw Undefined

	System Number: System Name: Organization That Ope	3610037 REDLANDS CITY MUD-WATER D erates System: PO BOX 3005	οIV	
	Pop Served: Area Served:	REDLANDS, CA 92373 69300 REDLANDS	Connections:	18447
Sa	a mp le Information: * On Sample Collected: Chemical:	Iy Findings Above Detection Level A 07/03/1984 SPECIFIC CONDUCTANCE	re Listed Findings:	660.000 UMHO
	Sample Collected: Chemical:	07/03/1984 PH (LABORATORY)	Findings:	8.160
	Sample Collected: Chemical:	07/03/1984 TOTAL ALKALINITY (AS CACO3)	Findings:	184.000 MG/L
	Sample Collected: Chemical:	07/03/1984 TOTAL HARDNESS (AS CACO3)	Findings:	212.000 MG/L
	Sample Collected: Chemical:	07/03/1984 CALCIÚM	Findings:	60.500 MG/L
	Sample Collected: Chemical:	07/03/1984 MAGNESIUM	Findings:	17.000 MG/L
	Sample Collected: Chemical:	07/03/1984 SODIUM	Findings:	45.399 MG/L
	Sample Collected: Chemical:	07/03/1984 POTASSIUM	Findings:	1.800 MG/L
	Sample Collected: Chemical:	07/03/1984 CHLORIDE	Findings:	28.000 MG/L
	Sample Collected: Chemical:	07/03/1984 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.650 MG/L
	Sample Collected: Chemical:	07/03/1984 MANGANESE	Findings:	32.000 UG/L
	Sample Collected: Chemical:	07/03/1984 NITRATE (AS NO3)	Findings:	41.000 MG/L
	Sample Collected: Chemical:	06/19/1986 GROSS ALPHA	Findings:	1.800 PCI/L
	Sample Collected: Chemical:	06/19/1986 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
	Sample Collected: Chemical:	09/05/1986 GROSS ALPHA COUNTING ERROR	Findings:	.500 PCI/L
	Sample Collected: Chemical:	10/21/1986 SPECIFIC CONDUCTANCE	Findings:	650.000 UMHO
	Sample Collected: Chemical:	10/21/1986 PH (LABORATORY)	Findings:	7.430
	Sample Collected: Chemical:	10/21/1986 TOTAL ALKALINITY (AS CACO3)	Findings:	203.800 MG/L
	Sample Collected: Chemical:	10/21/1986 BICARBONATE ALKALINITY	Findings:	248.700 MG/L
	Sample Collected: Chemical:	10/21/1986 TOTAL HARDNESS (AS CACO3)	Findings:	245.200 MG/L
	Sample Collected: Chemical:	10/21/1986 CALCIUM	Findings:	74.200 MG/L

Sample Collected: Chemical:

10/21/1986 MAGNESIUM	Findings:	16.799 MG/L
10/21/1986 SODIUM	Findings:	37.299 MG/L
10/21/1986 POTASSIUM	Findings:	2.530 MG/L
10/21/1986 CHLORIDE	Findings:	25.899 MG/L
10/21/1986 FLUORIDE (TEMPERATURE DEPEN	Findings: IDENT)	.650 MG/L
10/21/1986 TOTAL DISSOLVED SOLIDS	Findings:	393.590 MG/L
10/21/1986 NITRATE (AS NO3)	Findings:	41.899 MG/L
10/21/1986 PH (LABORATORY)	Findings:	7.430
10/21/1986 TOTAL ALKALINITY (AS CACO3)	Findings:	188.800 MG/L
10/21/1986 TOTAL HARDNESS (AS CACO3)	Findings:	186.000 MG/L
10/21/1986 TOTAL DISSOLVED SOLIDS	Findings:	393.590 MG/L
10/21/1986 LANGELIER INDEX @ 60 C	Findings:	.710
10/21/1986 LANGELIER INDEX @ SOURCE TEM	Findings: 1P.	.050
10/21/1986 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.000
07/21/1987 SOURCE TEMPERATURE C	Findings:	20.599 C
07/21/1987 SPECIFIC CONDUCTANCE	Findings:	680.000 UMHO
07/21/1987 FIELD PH	Findings:	8.010
07/21/1987 PH (LABORATORY)	Findings:	8.010
07/21/1987 TOTAL ALKALINITY (AS CACO3)	Findings:	223.200 MG/L
07/21/1987 BICARBONATE ALKALINITY	Findings:	272.290 MG/L
07/21/1987 TOTAL HARDNESS (AS CACO3)	Findings:	254.400 MG/L
07/21/1987 CALCIUM	Findings:	75.599 MG/L
07/21/1987 MAGNESIUM	Findings:	15.900 MG/L
07/21/1987 SODIUM	Findings:	39.099 MG/L
07/21/1987 POTASSIUM	Findings:	1.800 MG/L
Sample Collected: Chemical:

07/21/1987 CHLORIDE	Findings:	22.099 MG/L
07/21/1987 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	1.200 MG/L
07/21/1987 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
07/21/1987 TOTAL DISSOLVED SOLIDS	Findings:	402.590 MG/L
07/21/1987 LANGELIER INDEX @ 60 C	Findings:	.970
07/21/1987 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	.300
07/21/1987 NITRATE (AS NO3)	Findings:	39.500 MG/L
07/21/1987 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.200
01/08/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.020 UG/L
05/12/1988 SOURCE TEMPERATURE C	Findings:	21.100 C
05/12/1988 SPECIFIC CONDUCTANCE	Findings:	670.000 UMHO
05/12/1988 FIELD PH	Findings:	7.950
05/12/1988 PH (LABORATORY)	Findings:	7.950
05/12/1988 TOTAL ALKALINITY (AS CACO3)	Findings:	216.200 MG/L
05/12/1988 BICARBONATE ALKALINITY	Findings:	263.800 MG/L
05/12/1988 TOTAL HARDNESS (AS CACO3)	Findings:	252.800 MG/L
05/12/1988 CALCIUM	Findings:	75.100 MG/L
05/12/1988 MAGNESIUM	Findings:	14.600 MG/L
05/12/1988 SODIUM	Findings:	41.200 MG/L
05/12/1988 POTASSIUM	Findings:	1.800 MG/L
05/12/1988 CHLORIDE	Findings:	23.200 MG/L
05/12/1988 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.600 MG/L
05/12/1988 GROSS ALPHA COUNTING ERROR	Findings:	.500 PCI/L
05/12/1988 TOTAL DISSOLVED SOLIDS	Findings:	412.100 MG/L
05/12/1988 LANGELIER INDEX @ 60 C	Findings:	.910

Sample Collected: Chemical:

Sample Collected:

Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

Sample Collected: Chemical:

05/12/1988 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.250
05/12/1988 NITRATE (AS NO3)	Findings:	38.600 MG/L
05/12/1988 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.200
10/21/1988 GROSS ALPHA	Findings:	1.600 PCI/L
10/21/1988 GROSS ALPHA COUNTING ERROR	Findings:	.200 PCI/L
01/13/1989 GROSS ALPHA COUNTING ERROR	Findings:	.200 PCI/L
04/18/1989 GROSS ALPHA	Findings:	1.800 PCI/L
04/18/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.500 PCI/L
06/06/1989 SOURCE TEMPERATURE C	Findings:	20.600 C
06/06/1989 SPECIFIC CONDUCTANCE	Findings:	720.000 UMHO
06/06/1989 FIELD PH	Findings:	7.810
06/06/1989 PH (LABORATORY)	Findings:	7.810
06/06/1989 TOTAL ALKALINITY (AS CACO3)	Findings:	224.900 MG/L
06/06/1989 BICARBONATE ALKALINITY	Findings:	274.400 MG/L
06/06/1989 TOTAL HARDNESS (AS CACO3)	Findings:	256.000 MG/L
06/06/1989 CALCIUM	Findings:	85.100 MG/L
06/06/1989 MAGNESIUM	Findings:	10.600 MG/L
06/06/1989 SODIUM	Findings:	47.400 MG/L
06/06/1989 POTASSIUM	Findings:	1.700 MG/L
06/06/1989 CHLORIDE	Findings:	27.100 MG/L
06/06/1989 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.500 MG/L
06/06/1989 BORON	Findings:	.020 UG/L
06/06/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
06/06/1989 TOTAL DISSOLVED SOLIDS	Findings:	446.400 MG/L
06/06/1989 LANGELIER INDEX @ 60 C	Findings:	1.230

Sample Collected: Chemical:

Sample Collected:

Chemical:

06/06/1989 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.560
06/06/1989 NITRATE (AS NO3)	Findings:	41.300 MG/L
06/06/1989 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.500
10/12/1989 GROSS ALPHA	Findings:	2.700 PCI/L
10/12/1989 GROSS ALPHA COUNTING ERROR	Findings:	2.100 PCI/L
01/08/1990 GROSS ALPHA COUNTING ERROR	Findings:	.800 PCI/L
01/08/1990 GROSS BETA COUNTING ERROR	Findings:	1.600 PCI/L
01/08/1990 TRITIUM COUNTING ERROR	Findings:	1000.000 PCI/L
01/08/1990 RA 226 + RA 228	Findings:	.020 PCI/L
01/08/1990 RA 226 + RA 228 COUNTING ERROR	Findings:	.030 PCI/L
01/08/1990 STRONTIUM-90 COUNTING ERROR	Findings:	1.000 PCI/L
04/17/1990 SOURCE TEMPERATURE C	Findings:	20.600 C
04/17/1990 SPECIFIC CONDUCTANCE	Findings:	660.000 UMHO
04/17/1990 FIELD PH	Findings:	8.080
04/17/1990 PH (LABORATORY)	Findings:	8.080
04/17/1990 TOTAL ALKALINITY (AS CACO3)	Findings:	208.000 MG/L
04/17/1990 BICARBONATE ALKALINITY	Findings:	253.800 MG/L
04/17/1990 TOTAL HARDNESS (AS CACO3)	Findings:	241.200 MG/L
04/17/1990 CALCIUM	Findings:	67.300 MG/L
04/17/1990 MAGNESIUM	Findings:	17.800 MG/L
04/17/1990 SODIUM	Findings:	38.400 MG/L
04/17/1990 POTASSIUM	Findings:	1.800 MG/L
04/17/1990 CHLORIDE	Findings:	25.200 MG/L
04/17/1990 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.400 MG/L
04/17/1990 BORON	Findings:	.280 UG/L

Sample Collected: Chemical:

> Sample Collected: Chemical:

04/17/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
04/17/1990 DIBROMOCHLOROMETHANE (THM)	Findings:	.700 UG/L
04/17/1990 CHLOROFORM (THM)	Findings:	.600 UG/L
04/17/1990 TOTAL DISSOLVED SOLIDS	Findings:	376.200 MG/L
04/17/1990 LANGELIER INDEX @ 60 C	Findings:	1.370
04/17/1990 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.700
04/17/1990 NITRATE (AS NO3)	Findings:	39.900 MG/L
04/17/1990 TOTAL TRIHALOMETHANES	Findings:	1.800 UG/L
04/17/1990 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.600
07/05/1990 GROSS ALPHA	Findings:	1.400 PCI/L
07/05/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
10/04/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
01/10/1991 SOURCE TEMPERATURE C	Findings:	20.000 C
01/10/1991 SPECIFIC CONDUCTANCE	Findings:	590.000 UMHO
01/10/1991 FIELD PH	Findings:	7.700
01/10/1991 PH (LABORATORY)	Findings:	7.700
01/10/1991 TOTAL ALKALINITY (AS CACO3)	Findings:	200.800 MG/L
01/10/1991 BICARBONATE ALKALINITY	Findings:	245.000 MG/L
01/10/1991 TOTAL HARDNESS (AS CACO3)	Findings:	226.800 MG/L
01/10/1991 CALCIUM	Findings:	66.000 MG/L
01/10/1991 MAGNESIUM	Findings:	15.100 MG/L
01/10/1991 SODIUM	Findings:	35.600 MG/L
01/10/1991 POTASSIUM	Findings:	1.900 MG/L
01/10/1991 CHLORIDE	Findings:	22.300 MG/L
01/10/1991 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.500 MG/L

Sample Collected: Chemical:

01/10/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
01/10/1991 GROSS BETA COUNTING ERROR	Findings:	3.800 PCI/L
01/10/1991 TOTAL DISSOLVED SOLIDS	Findings:	342.200 MG/L
01/10/1991 LANGELIER INDEX @ 60 C	Findings:	.970
01/10/1991 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.270
01/10/1991 NITRATE (AS NO3)	Findings:	32.700 MG/L
01/10/1991 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.200
04/04/1991 GROSS ALPHA	Findings:	1.300 PCI/L
04/04/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.700 PCI/L
07/29/1991 GROSS ALPHA	Findings:	3.500 PCI/L
07/29/1991 GROSS ALPHA COUNTING ERROR	Findings:	2.000 PCI/L
10/22/1991 GROSS ALPHA	Findings:	2.000 PCI/L
10/22/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
01/13/1992 SOURCE TEMPERATURE C	Findings:	20.560 C
01/13/1992 SPECIFIC CONDUCTANCE	Findings:	630.000 UMHO
01/13/1992 FIELD PH	Findings:	7.800
01/13/1992 PH (LABORATORY)	Findings:	7.800
01/13/1992 TOTAL ALKALINITY (AS CACO3)	Findings:	208.000 MG/L
01/13/1992 BICARBONATE ALKALINITY	Findings:	253.800 MG/L
01/13/1992 TOTAL HARDNESS (AS CACO3)	Findings:	240.000 MG/L
01/13/1992 CALCIUM	Findings:	56.900 MG/L
01/13/1992 MAGNESIUM	Findings:	23.800 MG/L
01/13/1992 SODIUM	Findings:	39.500 MG/L
01/13/1992 POTASSIUM	Findings:	1.600 MG/L
01/13/1992 CHLORIDE	Findings:	26.900 MG/L

Sample Collected: Chemical:

01/13/1992 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.500 MG/L
01/13/1992 BORON	Findings:	.190 UG/L
01/13/1992 GROSS ALPHA	Findings:	2.200 PCI/L
01/13/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
01/13/1992 GROSS BETA COUNTING ERROR	Findings:	1.100 PCI/L
01/13/1992 TOTAL DISSOLVED SOLIDS	Findings:	338.800 MG/L
01/13/1992 LANGELIER INDEX @ 60 C	Findings:	1.020
01/13/1992 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.330
01/13/1992 NITRATE (AS NO3)	Findings:	40.900 MG/L
01/13/1992 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.270
06/26/1992 GROSS ALPHA	Findings:	2.700 PCI/L
06/26/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
06/26/1992 CHLOROFORM (THM)	Findings:	.900 UG/L
06/26/1992 TOTAL TRIHALOMETHANES	Findings:	.900 UG/L
07/28/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.500 PCI/L
07/28/1992 CHLOROFORM (THM)	Findings:	2.000 UG/L
07/28/1992 TOTAL TRIHALOMETHANES	Findings:	2.000 UG/L
10/23/1992 GROSS ALPHA	Findings:	1.500 PCI/L
10/23/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
10/23/1992 BROMODICHLORMETHANE (THM)	Findings:	2.200 UG/L
10/23/1992 DIBROMOCHLOROMETHANE (THM)	Findings:	1.300 UG/L
10/23/1992 CHLOROFORM (THM)	Findings:	4.700 UG/L
10/23/1992 TOTAL TRIHALOMETHANES	Findings:	8.200 UG/L
01/22/1993 SOURCE TEMPERATURE C	Findings:	19.440 C
01/22/1993 SPECIFIC CONDUCTANCE	Findings:	700.000 UMHO

Sample Collected:	C
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Sample Collected:	C
Chemical:	F
Sample Collected:	C
Chemical:	T
Sample Collected: Chemical:	C
Sample Collected:	C
Chemical:	1
Sample Collected: Chemical:	0
Sample Collected:	C
Chemical:	N
Sample Collected: Chemical:	0
Sample Collected:	C
Chemical:	F
Sample Collected: Chemical:	0
Sample Collected:	C
Chemical:	F
Sample Collected: Chemical:	C
Sample Collected: Chemical:	0
Sample Collected: Chemical:	0
Sample Collected: Chemical:	0
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Chemical:	(
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Chemical:	L
Sample Collected:	0
Chemical:	1
Sample Collected:	(
Chemical:	1
Sample Collected:	C
Chemical:	A
Sample Collected: Chemical:	0
Sample Collected:	C
Chemical:	1

:	01/22/1993 FIELD PH	Findings:	7.800
:	01/22/1993 PH (LABORATORY)	Findings:	7.800
:	01/22/1993 TOTAL ALKALINITY (AS CACO3)	Findings:	236.800 MG/L
:	01/22/1993 BICARBONATE ALKALINITY	Findings:	288.900 MG/L
:	01/22/1993 TOTAL HARDNESS (AS CACO3)	Findings:	278.000 MG/L
:	01/22/1993 CALCIUM	Findings:	76.100 MG/L
:	01/22/1993 MAGNESIUM	Findings:	21.400 MG/L
:	01/22/1993 SODIUM	Findings:	40.100 MG/L
:	01/22/1993 POTASSIUM	Findings:	1.800 MG/L
	01/22/1993 CHLORIDE	Findings:	35.800 MG/L
:	01/22/1993 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	.400 MG/L
:	01/22/1993 BORON	Findings:	.155 UG/L
:	01/22/1993 GROSS ALPHA	Findings:	2.300 PCI/L
:	01/22/1993 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
:	01/22/1993 GROSS BETA COUNTING ERROR	Findings:	1.100 PCI/L
:	01/22/1993 URANIUM	Findings:	3.000 PCI/L
:	01/22/1993 TOTAL DISSOL VED SOLIDS	Findings:	377.500 MG/L
:	01/22/1993 LANGELIER INDEX @ 60 C	Findings:	1.190
:	01/22/1993 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.480
:	01/22/1993 NITRATE (AS NO3)	Findings:	37.400 MG/L
:	01/22/1993 TURBIDITY (LAB)	Findings:	.200 NTU
:	01/22/1993 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.450
:	01/22/1993 CHLOROFORM (THM)	Findings:	1.000 UG/L
:	01/22/1993 TOTAL TRIHALOMETHANES	Findings:	1.000 UG/L
:	04/27/1993 GROSS ALPHA	Findings:	2.900 PCI/L

Sample Collected: Chemical:

04/27/ 1993 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
04/27/1993 GROSS BETA COUNTING ERROR	Findings:	1.100 PCI/L
04/27/ 1993 CHLOROFORM (THM)	Findings:	1.100 UG/L
04/27/1993 TOTAL TRIHALOMETHANES	Findings:	1.100 UG/L
07/27/1993 CHLOROFORM (THM)	Findings:	.700 UG/L
07/27/1993 TOTAL TRIHALOMETHANES	Findings:	.700 UG/L
10/15/1993 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
01/20/1994 SOURCE TEMPERATURE C	Findings:	22.200 C
01/20/1994 SPECIFIC CONDUCTANCE	Findings:	670.000 UMHO
01/20/1994 FIELD PH	Findings:	7.600
01/20/1994 PH (LABORATORY)	Findings:	7.700
01/20/1994 TOTAL ALKALINITY (AS CACO3)	Findings:	218.000 MG/L
01/20/1994 BICARBONATE ALKALINITY	Findings:	266.000 MG/L
01/20/1994 TOTAL HARDNESS (AS CACO3)	Findings:	264.000 MG/L
01/20/1994 CALCIUM	Findings:	83.300 MG/L
01/20/1994 MAGNESIUM	Findings:	13.600 MG/L
01/20/1994 SODIUM	Findings:	37.300 MG/L
01/20/1994 POTASSIUM	Findings:	1.800 MG/L
01/20/1994 CHLORIDE	Findings:	30.200 MG/L
01/20/1994 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.700 MG/L
01/20/1994 ALUMINUM	Findings:	132.000 UG/L
01/20/1994 GROSS ALPHA	Findings:	2.900 PCI/L
01/20/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
01/20/1994 GROSS BETA COUNTING ERROR	Findings:	.800 PCI/L
01/20/1994 URANIUM	Findings:	3.000 PCI/L

Sample Collected: Chemical:

Sample Collected:

Chemical: Sample Collected:

Chemical:

01/20/1994 TOTAL DISSOLVED SOLIDS	Findings:	381.600 MG/L
01/20/1994 LANGELIER INDEX @ 60 C	Findings:	1.100
01/20/1994 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.440
01/20/1994 NITRATE (AS NO3)	Findings:	40.100 MG/L
01/20/1994 TURBIDITY (LAB)	Findings:	.500 NTU
01/20/1994 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.360
01/20/1994 NITRATE + NITRITE (AS N)	Findings:	9052.000 UG/L
03/23/1994 NITRATE (AS NO3)	Findings:	41.400 MG/L
04/25/1994 NITRATE (AS NO3)	Findings:	34.900 MG/L
05/24/1994 NITRATE (AS NO3)	Findings:	36.800 MG/L
06/14/1994 NITRATE (AS NO3)	Findings:	38.700 MG/L
07/05/1994 NITRATE (AS NO3)	Findings:	50.400 MG/L
07/07/1994 GROSS ALPHA	Findings:	2.500 PCI/L
07/07/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
08/02/1994 NITRATE (AS NO3)	Findings:	42.400 MG/L
09/02/1994 NITRATE (AS NO3)	Findings:	44.100 MG/L
10/25/1994 GROSS ALPHA	Findings:	2.000 PCI/L
10/25/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
10/25/1994 BROMODICHLORMETHANE (THM)	Findings:	1.300 UG/L
10/25/1994 BROMOFORM (THM)	Findings:	1.300 UG/L
10/25/1994 DIBROMOCHLOROMETHANE (THM)	Findings:	1.000 UG/L
10/25/1994 CHLOROFORM (THM)	Findings:	2.800 UG/L
10/25/1994 TOTAL TRIHALOMETHANES	Findings:	6.400 UG/L
11/15/1994 NITRATE (AS NO3)	Findings:	37.700 MG/L
01/26/1995 SOURCE TEMPERATURE C	Findings:	17.800 C

Sample Collected: Chemical:

01/26/1995 SPECIFIC CONDUCTANCE	Findings:	470.000 UMHC
01/26/1995 FIELD PH	Findings:	7.800
01/26/1995 PH (LABORATORY)	Findings:	7.800
01/26/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	185.600 MG/L
01/26/1995 BICARBONATE ALKALINITY	Findings:	226.400 MG/L
01/26/1995 TOTAL HARDNESS (AS CACO3)	Findings:	194.400 MG/L
01/26/1995 CALCIUM	Findings:	62.500 MG/L
01/26/1995 MAGNESIUM	Findings:	12.100 MG/L
01/26/1995 SODIUM	Findings:	27.600 MG/L
01/26/1995 POTASSIUM	Findings:	2.000 MG/L
01/26/1995 CHLORIDE	Findings:	15.400 MG/L
01/26/1995 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.400 MG/L
01/26/1995 GROSS ALPHA	Findings:	1.400 PCI/L
01/26/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.500 PCI/L
01/26/1995 GROSS BETA COUNTING ERROR	Findings:	1.300 PCI/L
01/26/1995 TOTAL DISSOLVED SOLIDS	Findings:	289.000 MG/L
01/26/1995 LANGELIER INDEX @ 60 C	Findings:	1.020
01/26/1995 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.260
01/26/1995 NITRATE (AS NO3)	Findings:	26.900 MG/L
01/26/1995 TURBIDITY (LAB)	Findings:	.100 NTU
01/26/1995 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.260
01/26/1995 NITRATE + NITRITE (AS N)	Findings:	6072.000 UG/L
01/26/1995 TRITIUM	Findings:	436.000 PCI/L
01/26/1995 TRITIUM COUNTING ERROR	Findings:	121.000 PCI/L
01/26/1995 RA 226 + RA 228	Findings:	.300 PCI/L

A State Provide Constants **GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS**

Sample Collected: Chemical:

01/26/1995 RA 226 + RA 228 COUNTING ERROR	Findings:	.100 PCI/L
01/26/1995 STRONTIUM-90 COUNTING ERROR	Findings:	.400 PCI/L
01/26/1995 BROMODICHLORMETHANE (THM)	Findings:	.900 UG/L
01/26/1995 DIBROMOCHLOROMETHANE (THM)	Findings:	.700 UG/L
01/26/1995 CHLOROFORM (THM)	Findings:	2.900 UG/L
01/26/1995 TOTAL TRIHALOMETHANES	Findings:	4.500 UG/L
03/07/1995 NITRATE (AS NO3)	Findings:	45.100 MG/L
05/02/1995 GROSS ALPHA	Findings:	3.700 PCI/L
05/02/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.500 PCI/L
05/02/1995 NITRATE (AS NO3)	Findings:	47.000 MG/L
08/01/1995 NITRATE + NITRITE (AS N)	Findings:	11630.000 UG/
08/22/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
08/22/1995 NITRATE + NITRITE (AS N)	Findings:	10550.000 UG/I
12/18/1995 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
12/18/1995 NITRATE + NITRITE (AS N)	Findings:	10200.000 UG/I
03/07/1996 GROSS ALPHA	Findings:	1.200 PCI/L
03/07/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
03/07/1996 GROSS BETA COUNTING ERROR	Findings:	1.000 PCI/L
03/07/1996 TOTAL RADON 222 COUNTING ERR	Findings: OR	3.000 PCI/L
03/07/1996 SOURCE TEMPERATURE C	Findings:	21.700 C
03/07/1996 SPECIFIC CONDUCTANCE	Findings:	680.000 UMHO
03/07/1996 FIELD PH	Findings:	7.700
03/07/1996 PH (LABORATORY)	Findings:	7.900
03/07/1996 TOTAL ALKALINITY (AS CACO3)	Findings:	210.000 MG/L
03/07/1996 BICARBONATE ALKALINITY	Findings:	256.200 MG/L

UG/L

UG/L

UG/L

Sample Collected: Chemical:

03/07/1996 TOTAL HARDNESS (AS CACO3)	Findings:	270.000 MG/L
03/07/1996 CALCIUM	Findings:	66.100 MG/L
03/07/1996 MAGNESIUM	Findings:	23.000 MG/L
03/07/1996 SODIUM	Findings:	41.000 MG/L
03/07/1996 POTASSIUM	Findings:	1.800 MG/L
03/07/1996 CHLORIDE	Findings:	29.000 MG/L
03/07/1996 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.600 MG/L
03/07/1996 TOTAL DISSOLVED SOLIDS	Findings:	392.000 MG/L
03/07/1996 LANGELIER INDEX @ 60 C	Findings:	.690
03/07/1996 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	.020
03/07/1996 NITRATE (AS NO3)	Findings:	53.000 MG/L
03/07/1996 TURBIDITY (LAB)	Findings:	.100 NTU
03/07/1996 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	11.900
03/07/1996 NITRATE + NITRITE (AS N)	Findings:	11970.000 UG/L
04/12/1996 GROSS ALPHA	Findings:	4.300 PCI/L
04/12/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.500 PCI/L
08/28/1996 GROSS ALPHA	Findings:	2.000 PCI/L
08/28/1996 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
08/28/1996 NITRATE (AS NO3)	Findings:	52.000 MG/L
12/05/1996 GROSS ALPHA	Findings:	1.600 PCI/L
12/05/1996 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
02/20/1997 SOURCE TEMPERATURE C	Findings:	18.900 C
02/20/1997 SPECIFIC CONDUCTANCE	Findings:	722.000 UMHO
02/20/1997 FIELD PH	Findings:	7.400
02/20/1997 PH (LABORATORY)	Findings:	7.700

Sample Collected: Chemical:

02/20/1997 TOTAL ALKALINITY (AS CACO3)	Findings:	238.000 MG/L
02/20/1997 BICARBONATE ALKALINITY	Findings:	290.000 MG/L
02/20/1997 TOTAL HARDNESS (AS CACO3)	Findings:	280.000 MG/L
02/20/1997 CALCIUM	Findings:	76.600 MG/L
02/20/1997 MAGNESIUM	Findings:	21.600 MG/L
02/20/1997 SODIUM	Findings:	42.000 MG/L
02/20/1997 POTASSIUM	Findings:	4.800 MG/L
02/20/1997	Findings:	27.700 MG/L
02/20/1997 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.710 MG/L
02/20/1997 GROSS ALPHA	Findings:	3.200 PCI/L
02/20/1997 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
02/20/1997 GROSS BETA COUNTING ERROR	Findings:	.900 PCI/L
02/20/1997 TOTAL DISSOLVED SOLIDS	Findings:	431.000 MG/L
02/20/1997 LANGELIER INDEX @ 60 C	Findings:	.800
02/20/1997 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	.070
02/20/1997 NITRATE (AS NO3)	Findings:	51.000 MG/L
02/20/1997 TURBIDITY (LAB)	Findings:	.500 NTU
02/20/1997 TOTAL RADON 222 COUNTING ERR	Findings: OR	3.000 PCI/L
02/20/1997 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.060
02/20/1997 NITRATE + NITRITE (AS N)	Findings:	11500.000 UG/L
02/20/1997 TRITIUM	Findings:	168.000 PCI/L
02/20/1997 TRITIUM COUNTING ERROR	Findings:	78.000 PCI/L
02/20/1997 RADIUM 226	Findings:	.770 PCI/L
02/20/1997 RADIUM 226 COUNTING ERROR	Findings:	.490 PCI/L
02/20/1997 RADIUM 228	Findings:	1.570 PCI/L

Sample Collected: Chemical:

02/20/1997 RADIUM 228 COUNTING ERROR	Findings:	.330 PCI/L
02/20/1997 STRONTIUM-90	Findings:	3.020 PCI/L
02/20/1997 STRONTIUM-90 COUNTING ERROR	Findings:	.960 PCI/L
06/04/1997 GROSS ALPHA COUNTING ERROR	Findings:	2.100 PCI/L
08/11/1997 GROSS ALPHA	Findings:	1.300 PCI/L
08/11/1997 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
08/11/1997 BROMODICHLORMETHANE (THM)	Findings:	2.200 UG/L
08/11/1997 DIBROMOCHLOROMETHANE (THM)	Findings:	1.100 UG/L
08/11/1997 CHLOROFORM (THM)	Findings:	5.100 UG/L
08/11/1997 TOTAL TRIHALOMETHANES	Findings:	8.900 UG/L
11/20/1997 GROSS ALPHA	Findings:	2.200 PCI/L
11/20/1997 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
02/12/1998 SOURCE TEMPERATURE C	Findings:	21.100 C
02/12/1998 SPECIFIC CONDUCTANCE	Findings:	670.000 UMHO
02/12/1998 FIELD PH	Findings:	7.800
02/12/1998 PH (LABORATORY)	Findings:	7.570
02/12/1998 TOTAL ALKALINITY (AS CACO3)	Findings:	216.000 MG/L
02/12/1998 BICARBONATE ALKALINITY	Findings:	263.000 MG/L
02/12/1998 TOTAL HARDNESS (AS CACO3)	Findings:	269.000 MG/L
02/12/1998 CALCIUM	Findings:	71.800 MG/L
02/12/1998 MAGNESIUM	Findings:	19.200 MG/L
02/12/1998 SODIUM	Findings:	40.100 MG/L
02/12/1998 POTASSIUM	Findings:	3.200 MG/L
02/12/1998 CHLORIDE	Findings:	29.900 MG/L
02/12/1998 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.604 MG/L

Sample Collected: Chemical:	02/12/1998 TOTAL DISSOLVED SOLIDS	Findings:	400.000 MG/L
Sample Collected: Chemical:	02/12/1998 LANGELIER INDEX @ 60 C	Findings:	1.130
Sample Collected: Chemical:	02/12/1998 LANGELIER INDEX @ SOURCE TEM	Findings: /P.	.450
Sample Collected: Chemical:	02/12/1998 NITRATE (AS NO3)	Findings:	52.400 MG/L
Sample Collected: Chemical:	02/12/1998 TURBIDITY (LAB)	Findings:	.200 NTU
Sample Collected: Chemical:	02/12/1998 AGGRSSIVE INDEX (CORROSIVITY	Findings:)	12.390
Sample Collected: Chemical:	02/12/1998 NITRATE + NITRITE (AS N)	Findings:	11800.000 UG/L
		9	
WSW 1/2 - 1 Mile Lower			CA WELLS 834
Water System Informatio	n:		
Prime Station Code: FRDS Number: District Number: Water Type: Source Lat/Long: Source Name: System Number:	01S/03W-35G09S 3610037039 13 Well/Groundwater 340200.0 1170900.0 WELL 13 - INACTIVE 3610037	User ID: County: Station Type: Well Status: Precision:	TAN San Beernardino WELL/AMBNT/MUN/INTAKE/SUPPLY Inactive Raw Undefined
System Name:	REDLANDS CITY MUD-WATER	DIV	
Organization That Op	PO BOX 3005		
Pop Served: Area Served:	REDLANDS, CA 92373 69300 REDLANDS	Connections:	18447
Sample Information: * O	Inly Findings Above Detection Level	Are Listed	
Chemical:	SPECIFIC CONDUCTANCE	Fillulitys.	
Sample Collected: Chemical:	06/19/1984 PH (LABORATORY)	Findings:	7.910
Sample Collected: Chemical:	06/19/1984 TOTAL ALKALINITY (AS CACO3)	Findings:	152.000 MG/L
Sample Collected: Chemical:	06/19/1984 TOTAL HARDNESS (AS CACO3)	Findings:	188.000 MG/L
Sample Collected: Chemical:	06/19/1984 CALCIUM	Findings:	55.700 MG/L
Sample Collected: Chemical:	06/19/1984 MAGNESIUM	Findings:	13.000 MG/L
Sample Collected: Chemical:	06/19/1984 SODIUM	Findings:	43.700 MG/L
Sample Collected: Chemical:	06/19/1984 POTASSIUM	Findings:	2.500 MG/L
Sample Collected: Chemical:	06/19/1984 CHLORIDE	Findings:	17.000 MG/L

Sample Collected: Chemical:

06/19/1984 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.520 MG/L
06/19/1984 NITRATE (AS NO3)	Findings:	73.000 MG/L
03/14/1986 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.230 UG/L
04/24/1986 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.290 UG/L
06/17/1986 GROSS ALPHA	Findings:	1.200 PCI/L
06/17/1986 GROSS ALPHA COUNTING ERROR	Findings:	.500 PCI/L
09/04/1986 GROSS ALPHA COUNTING ERROR	Findings:	.400 PCI/L
11/07/1986 GROSS ALPHA COUNTING ERROR	Findings:	.600 PCI/L
11/07/1986 SPECIFIC CONDUCTANCE	Findings:	600.000 UMHO
11/07/1986 PH (LABORATORY)	Findings:	7.400
11/07/1986 TOTAL ALKALINITY (AS CACO3)	Findings:	176.700 MG/L
11/07/1986 BICARBONATE ALKALINITY	Findings:	215.600 MG/L
11/07/1986 TOTAL HARDNESS (AS CACO3)	Findings:	199.200 MG/L
11/07/1986 CALCIUM	Findings:	60.599 MG/L
11/07/1986 MAGNESIUM	Findings:	11.600 MG/L
11/07/1986 SODIUM	Findings:	43.299 MG/L
11/07/1986 POTASSIUM	Findings:	2.200 MG/L
11/07/1986 CHLORIDE	Findings:	13.500 MG/L
11/07/1986 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.480 MG/L
11/07/1986 TOTAL DISSOLVED SOLIDS	Findings:	369.000 MG/L .
11/07/1986 NITRATE (AS NO3)	Findings:	59.000 MG/L
11/07/1986 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.070 UG/L
11/07/1986 TRICHLOROETHYLENE	Findings:	1.100 UG/L
11/07/1986 PH (LABORATORY)	Findings:	7.400
11/07/1986 TOTAL ALKALINITY (AS CACO3)	Findings:	176.700 MG/L

Sample Collected: Chemical:

11/07/1986 TOTAL HARDNESS (AS CACO3)	Findings:	151.200 MG/L
11/07/1986 TOTAL DISSOLVED SOLIDS	Findings:	369.000 MG/L
11/07/1986 LANGELIER INDEX @ 60 C	Findings:	.580
11/07/1986 LANGELIER INDEX @ SOURCE TEM	Findings: P.	080
11/07/1986 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	11.800
02/06/1987 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.090 UG/L
05/19/1987 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.470 UG/L
09/11/1987 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.190 UG/L
09/11/1987 SOURCE TEMPERATURE C	Findings:	21.100 C
09/11/1987 SPECIFIC CONDUCTANCE	Findings:	600.000 UMHO
09/11/1987 FIELD PH	Findings:	7.950
09/11/1987 PH (LABORATORY)	Findings:	7.950
09/11/1987 TOTAL ALKALINITY (AS CACO3)	Findings:	170.700 MG/L
09/11/1987 BICARBONATE ALKALINITY	Findings:	208.300 MG/L
09/11/1987 TOTAL HARDNESS (AS CACO3)	Findings:	194.400 MG/L
09/11/1987 CALCIUM	Findings:	62.500 MG/L
09/11/1987 MAGNESIUM	Findings:	9.300 MG/L
09/11/1987 SODIUM	Findings:	46.400 MG/L
09/11/1987 POTASSIUM	Findings:	2.400 MG/L
09/11/1987 CHLORIDE	Findings:	15.100 MG/L
09/11/1987 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	.300 MG/L
09/11/1987 GROSS ALPHA COUNTING ERROR	Findings:	.400 PCI/L
09/11/1987 TOTAL DISSOLVED SOLIDS	Findings:	390.600 MG/L
09/11/1987 LANGELIER INDEX @ 60 C	Findings:	.720
09/11/1987	Findings:	.060

Sample Collected: Chemical:

09/11/1987 NITRATE (AS NO3)	Findings:	53.400 MG/L
09/11/1987 TURBIDITY (LAB)	Findings:	.300 NTU
09/11/1987 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.000
09/11/1987 SOURCE TEMPERATURE C	Findings:	21.099 C
09/11/1987 SPECIFIC CONDUCTANCE	Findings:	600.000 UMHC
09/11/1987 FIELD PH	Findings:	7.950
09/11/1987 PH (LABORATORY)	Findings:	7.950
09/11/1987 TOTAL ALKALINITY (AS CACO3)	Findings:	170.700 MG/L
09/11/1987 BICARBONATE ALKALINITY	Findings:	208.300 MG/L
09/11/1987 TOTAL HARDNESS (AS CACO3)	Findings:	194.400 MG/L
09/11/1987 CALCIUM	Findings:	62.500 MG/L
09/11/1987 MAGNESIUM	Findings:	9.300 MG/L
09/11/1987 SODIUM	Findings:	46.399 MG/L
09/11/1987 POTASSIUM	Findings:	2.400 MG/L
09/11/1987 CHLORIDE	Findings:	15.100 MG/L
09/11/1987 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	.300 MG/L
09/11/1987 GROSS ALPHA COUNTING ERROR	Findings:	.400 PCI/L
09/11/1987 TOTAL DISSOLVED SOLIDS	Findings:	390.590 MG/L
09/11/1987 LANGELIER INDEX @ 60 C	Findings:	.720
09/11/1987 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.060
09/11/1987 NITRATE (AS NO3)	Findings:	53.399 MG/L
09/11/1987 TURBIDITY (LAB)	Findings:	.300 NTU
09/11/1987 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.000
02/11/1988 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.730 UG/L
02/11/1988 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.060 UG/L

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1:	05/16/1988 SOURCE TEMPERATURE C	Findings:	21.100 C
1:	05/16/1988 SPECIFIC CONDUCTANCE	Findings:	595.000 UMHO
1:	05/16/1988 FIELD PH	Findings:	8.010
t:	05/16/1988 PH (LABORATORY)	Findings:	8.010
1:	05/16/1988 TOTAL ALKALINITY (AS CACO3)	Findings:	186.300 MG/L
1:	05/16/1988 BICARBONATE ALKALINITY	Findings:	227.300 MG/L
t:	05/16/1988 TOTAL HARDNESS (AS CACO3)	Findings:	200.800 MG/L
1:	05/16/1988 CALCIUM	Findings:	60.900 MG/L
d :	05/16/1988 MAGNESIUM	Findings:	11.200 MG/L
1:	05/16/1988 SODIUM	Findings:	46.700 MG/L
1:	05/16/1988 POTASSIUM	Findings:	2.800 MG/L
l:	05/16/1988 CHLORIDE	Findings:	13.200 MG/L
1:	05/16/1988 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	.500 MG/L
1:	05/16/1988 BORON	Findings:	.220 UG/L
1 :	05/16/1988 GROSS ALPHA COUNTING ERROR	Findings:	.200 PCI/L
t:	05/16/1988 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.200 UG/L
1 :	05/16/1988 TOTAL DISSOLVED SOLIDS	Findings:	361.300 MG/L
t:	05/16/1988 LANGELIER INDEX @ 60 C	Findings:	.810
1:	05/16/1988 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.150
1:	05/16/1988 NITRATE (AS NO3)	Findings:	49.700 MG/L
1:	05/16/1988 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.100
d:	11/10/1988 GROSS ALPHA COUNTING ERROR	Findings:	.300 PCI/L
1:	11/10/1988 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.050 UG/L
1:	02/10/1989 GROSS ALPHA	Findings:	1.200 PCI/L
1:	02/10/1989	Findinas:	.200 PCI/L

GROSS ALPHA COUNTING ERROR

Sample Collected: Chemical:

02/10/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.150 UG/L
05/18/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.020 UG/L
05/18/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
06/02/1989 SOURCE TEMPERATURE C	Findings:	21.100 C
06/02/1989 SPECIFIC CONDUCTANCE	Findings:	600.000 UMHO
06/02/1989 FIELD PH	Findings:	7.790
06/02/1989 PH (LABORATORY)	Findings:	7.790
06/02/1989 TOTAL ALKALINITY (AS CACO3)	Findings:	186.800 MG/L
06/02/1989 BICARBONATE ALKALINITY	Findings:	227.800 MG/L
06/02/1989 TOTAL HARDNESS (AS CACO3)	Findings:	188.800 MG/L
06/02/1989 CALCIUM	Findings:	51.900 MG/L
06/02/1989 MAGNESIUM	Findings:	14.400 MG/L
06/02/1989 SODIUM	Findings:	50.300 MG/L
06/02/1989 POTASSIUM	Findings:	2.400 MG/L
06/02/1989 CHLORIDE	Findings:	15.200 MG/L
06/02/1989 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.400 MG/L
06/02/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
06/02/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: P)	.830 UG/L
06/02/1989 TOTAL DISSOLVED SOLIDS	Findings:	354.000 MG/L
06/02/1989 LANGELIER INDEX @ 60 C	Findings:	.920
06/02/1989 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	.260
06/02/1989 NITRATE (AS NO3)	Findings:	47.700 MG/L
06/02/1989 AGGRSSIVE INDEX (CORROSIVITY)	Findings:)	12.200
11/02/1989 GROSS ALPHA	Findings:	1.800 PCI/L
11/02/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.700 PCI/L

Sample Collected: Chemical:

11/02/1989 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.040 UG/L
01/08/1990 GROSS ALPHA	Findings:	1.400 PCI/L
01/08/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
01/08/1990 GROSS BETA COUNTING ERROR	Findings:	1.300 PCI/L
01/08/1990 TRITIUM COUNTING ERROR	Findings:	1000.000 PCI/L
01/08/1990 RA 226 + RA 228	Findings:	.020 PCI/L
01/08/1990 RA 226 + RA 228 COUNTING ERROR	Findings:	.030 PCI/L
01/08/1990 STRONTIUM-90 COUNTING ERROR	Findings:	1.000 PCI/L
02/06/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.040 UG/L
05/10/1990 SOURCE TEMPERATURE C	Findings:	14.400 C
05/10/1990 SPECIFIC CONDUCTANCE	Findings:	550.000 UMHO
05/10/1990 FIELD PH	Findings:	8.280
05/10/1990 PH (LABORATORY)	Findings:	8.360
05/10/1990 TOTAL ALKALINITY (AS CACO3)	Findings:	169.200 MG/L
05/10/1990 BICARBONATE ALKALINITY	Findings:	206.400 MG/L
05/10/1990 TOTAL HARDNESS (AS CACO3)	Findings:	180.000 MG/L
05/10/1990 CALCIUM	Findings:	50.300 MG/L
05/10/1990 MAGNESIUM	Findings:	12.200 MG/L
05/10/1990 SODIUM	Findings:	44.000 MG/L
05/10/1990 POTASSIUM	Findings:	2.300 MG/L
05/10/1990 CHLORIDE	Findings:	14.100 MG/L
05/10/1990 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.300 MG/L
05/10/1990 BORON	Findings:	.400 UG/L
05/10/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
05/10/1990 TOTAL DISSOLVED SOLIDS	Findings:	330.000 MG/L

Sample Collected: Chemical:

05/10/1990 LANGELIER INDEX @ 60 [°] C	Findings:	1.430
05/10/1990 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.610
05/10/1990 NITRATE (AS NO3)	Findings:	46.900 MG/L
05/10/1990 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.700
08/16/1990 GROSS ALPHA COUNTING ERROR	Findings:	.700 PCI/L
08/16/1990 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.210 UG/L
11/08/1990 GROSS ALPHA	Findings:	1.800 PCI/L
11/08/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
01/10/1991 SOURCE TEMPERATURE C	Findings:	20.000 C
01/10/1991 SPECIFIC CONDUCTANCE	Findings:	550.000 UMHO
01/10/1991 FIELD PH	Findings:	7.800
01/10/1991 PH (LABORATORY)	Findings:	7.800
01/10/1991 TOTAL ALKALINITY (AS CACO3)	Findings:	181.600 MG/L
01/10/1991 BICARBONATE ALKALINITY	Findings:	221.600 MG/L
01/10/1991 TOTAL HARDNESS (AS CACO3)	Findings:	182.800 MG/L
01/10/1991 CALCIUM	Findings:	54.000 MG/L
01/10/1991 MAGNESIUM	Findings:	11.700 MG/L
01/10/1991 SODIUM	Findings:	46.700 MG/L
01/10/1991 POTASSIUM	Findings:	2.600 MG/L
01/10/1991 CHLORIDE	Findings:	15.300 MG/L
01/10/1991 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.400 MG/L
01/10/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
01/10/1991 GROSS BETA COUNTING ERROR	Findings:	4.200 PCI/L
01/10/1991 URANIUM	Findings:	3.000 PCI/L
01/10/1991 TOTAL DISSOLVED SOLIDS	Findings:	319.000 MG/L

Sample Collected: Chemical:

01/10/1991 LANGELIER INDEX @ 60 C	Findings:	.940
01/10/1991 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.240
01/10/1991 NITRATE (AS NO3)	Findings:	44.800 MG/L
01/10/1991 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.200
05/02/1991 GROSS ALPHA	Findings:	1.400 PCI/L
05/02/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
05/02/1991 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.240 UG/L
08/08/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
08/08/1991 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.250 UG/L
1 1/12/1991 GROSS ALPHA	Findings:	1.200 PCI/L
11/12/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
02/19/1992 SOURCE TEMPERATURE C	Findings:	22.220 C
02/19/1992 SPECIFIC CONDUCTANCE	Findings:	520.000 UMHO
02/19/1992 FIELD PH	Findings:	7.800
02/19/1992 PH (LABORATORY)	Findings:	7.800
02/19/1992 TOTAL ALKALINITY (AS CACO3)	Findings:	160.000 MG/L
02/19/1992 BICARBONATE ALKALINITY	Findings:	195.200 MG/L
02/19/1992 TOTAL HARDNESS (AS CACO3)	Findings:	158.000 MG/L
02/19/1992 CALCIUM	Findings:	44.900 MG/L
02/19/1992 MAGNESIUM	Findings:	11.200 MG/L
02/19/1992 SODIUM	Findings:	45.100 MG/L
02/19/1992 POTASSIUM	Findings:	2.200 MG/L
02/19/1992 CHLORIDE	Findings:	13.800 MG/L
02/19/1992 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.400 MG/L
02/19/1992 BORON	Findings:	.180 UG/L

Sample Collected: Chemical:

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02/19/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
02/19/1992 GROSS BETA COUNTING ERROR	Findings:	1.100 PCI/L
02/19/1992 TOTAL DISSOLVED SOLIDS	Findings:	273.300 MG/L
02/19/1992 LANGELIER INDEX @ 60 C	Findings:	.820
02/19/1992 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.160
02/19/1992 NITRATE (AS NO3)	Findings:	37.900 MG/L
02/19/1992 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.050
08/04/1992 GROSS ALPHA	Findings:	1.500 PCI/L
08/04/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.700 PCI/L
08/04/1992 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.250 UG/L
02/02/1993 SOURCE TEMPERATURE C	Findings:	20.000 C
02/02/1993 SPECIFIC CONDUCTANCE	Findings:	510.000 UMHO
02/02/1993 FIELD PH	Findings:	7.700
02/02/1993 PH (LABORATORY)	Findings:	7.900
02/02/1993 TOTAL ALKALINITY (AS CACO3)	Findings:	174.000 MG/L
02/02/1993 BICARBONATE ALKALINITY	Findings:	212.300 MG/L
02/02/1993 TOTAL HARDNESS (AS CACO3)	Findings:	184.000 MG/L
02/02/1993 CALCIUM	Findings:	45.300 MG/L
02/02/1993 MAGNESIUM	Findings:	17.200 MG/L
02/02/1993 SODIUM	Findings:	42.300 MG/L
02/02/1993 POTASSIUM	Findings:	2.200 MG/L
02/02/1993 CHLORIDE	Findings:	15.200 MG/L
02/02/1993 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	.500 MG/L
02/02/1993 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.120 UG/L
02/02/1993 TOTAL DISSOLVED SOLIDS	Findings:	293.500 MG/L

Sample Collected: Chemical:

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-J Sample Collected: Chemical:

	02/02/1993 LANGELIER INDEX @ 60 C	Findings:	.950
	02/02/1993 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	.250
	02/02/1993 NITRATE (AS NO3)	Findings:	42.100 MG/L
	02/02/1993 TURBIDITY (LAB)	Findings:	.100 NTU
	02/02/1993 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.190
	05/11/1993 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.090 UG/L
	11/17/1993 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
U.	11/17/1993 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.050 UG/L
	02/16/1994 SOURCE TEMPERATURE C	Findings:	21.110 C
	02/16/1994 SPECIFIC CONDUCTANCE	Findings:	510.000 UMHO
	02/16/1994 FIELD PH	Findings:	8.000
	02/16/1994 PH (LABORATORY)	Findings:	8.000
	02/16/1994 TOTAL ALKALINITY (AS CACO3)	Findings:	160.000 MG/L
	02/16/1994 BICARBONATE ALKALINITY	Findings:	195.200 MG/L
	02/16/1994 TOTAL HARDNESS (AS CACO3)	Findings:	180.800 MG/L
	02/16/1994 CALCIUM	Findings:	48.900 MG/L
	02/16/1994 MAGNESIUM	Findings:	14.300 MG/L
	02/16/1994 SODIUM	Findings:	39.300 MG/L
	02/16/1994 POTASSIUM	Findings:	2.000 MG/L
	02/16/1994 CHLORIDE	Findings:	14.500 MG/L
	02/16/1994 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.500 MG/L
	02/16/1994 ALUMINUM	Findings:	78.000 UG/L
	02/16/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
	02/16/1994 GROSS BETA COUNTING ERROR	Findings:	1.200 PCI/L
	02/16/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.090 UG/L

Sample Collected: Chemical:

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02/16/1994 TOTAL DISSOLVED SOLIDS	Findings:	299.300 MG/L
02/16/1994 LANGELIER INDEX @ 60 C	Findings:	1.050
02/16/1994 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.370
02/16/1994 NITRATE (AS NO3)	Findings:	43.100 MG/L
02/16/1994 TURBIDITY (LAB)	Findings:	.100 NTU
02/16/1994 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.290
02/16/1994 NITRATE + NITRITE (AS N)	Findings:	9729.000 UG/L
05/26/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.800 PCI/L
05/26/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ')	.040 UG/L
06/28/1994 NITRATE (AS NO3)	Findings:	42.700 MG/L
08/09/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
08/09/1994 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.170 UG/L
08/09/1994 NITRATE (AS NO3)	Findings:	41.600 MG/L
11/15/1994 GROSS ALPHA COUNTING ERROR	Findings:	.400 PCI/L
11/15/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ')	.050 UG/L
02/16/1995 SOURCE TEMPERATURE C	Findings:	22.800 C
02/16/1995 SPECIFIC CONDUCTANCE	Findings:	520.000 UMHO
02/16/1995 FIELD PH	Findings:	7.800
02/16/1995 PH (LABORATORY)	Findings:	8.200
02/16/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	170.000 MG/L
02/16/1995 BICARBONATE ALKALINITY	Findings:	207.400 MG/L
02/16/1995 TOTAL HARDNESS (AS CACO3)	Findings:	184.400 MG/L
02/16/1995 CALCIUM	Findings:	48.500 MG/L
02/16/1995 MAGNESIUM	Findings:	10.600 MG/L
02/16/1995 SODIUM	Findings:	45.400 MG/L

Sample Collected: Chemical:

02/16/1995 POTASSIUM	Findings:	2.500 MG/L
02/16/1995 CHLORIDE	Findings:	12.100 MG/L
02/16/1995 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.400 MG/L
02/16/1995 ALUMINUM	Findings:	51.000 UG/L
02/16/1995 GROSS ALPHA	Findings:	1.300 PCI/L
02/16/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.500 PCI/L
02/16/1995 GROSS BETA COUNTING ERROR	Findings:	1.200 PCI/L
02/16/1995 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.090 UG/L
02/16/1995 TOTAL DISSOLVED SOLIDS	Findings:	320.000 MG/L
02/16/1995 LANGELIER INDEX @ 60 C	Findings:	1.260
02/16/1995 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.620
02/16/1995 NITRATE (AS NO3)	Findings:	51.600 MG/L
02/16/1995 TURBIDITY (LAB)	Findings:	.100 NTU
02/16/1995 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.510
02/16/1995 NITRATE + NITRITE (AS N)	Findings:	11648.000 UG/L
02/16/1995 TRITIUM	Findings:	651.000 PCI/L
02/16/1995 TRITIUM COUNTING ERROR	Findings:	234.000 PCI/L
02/16/1995 RA 226 + RA 228	Findings:	.100 PCI/L
02/16/1995 RA 226 + RA 228 COUNTING ERROR	Findings:	.040 PCI/L
02/16/1995 STRONTIUM-90 COUNTING ERROR	Findings:	.280 PCI/L
04/26/1995 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.170 UG/L
04/26/1995 NITRATE (AS NO3)	Findings:	45.600 MG/L
05/11/1995 GROSS ALPHA	Findings:	1.600 PCI/L
05/11/1995 GROSS ALPHA COUNTING ERROR	Findings:	.700 PCI/L
05/11/1995 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.150 UG/L

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Sample Collected: Chemical:

05/11/1995 NITRATE (AS NO3)	Findings:	45.800 MG/L
09/12/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
09/12/1995 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.060 UG/L
09/12/1995 NITRATE + NITRITE (AS N)	Findings:	10100.000 UG/L
12/06/1995 GROSS ALPHA	Findings:	3.300 PCI/L
12/06/1995 GROSS ALPHA COUNTING ERROR	Findings:	2.000 PCI/L
12/06/1995 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.080 UG/L
12/06/1995 NITRATE + NITRITE (AS N)	Findings:	10300.000 UG/L
03/06/1996 SOURCE TEMPERATURE C	Findings:	21.100 C
03/06/1996 SPECIFIC CONDUCTANCE	Findings:	520.000 UMHO
03/06/1996 FIELD PH	Findings:	7.900
03/06/1996 PH (LABORATORY)	Findings:	8.000
03/06/1996 TOTAL ALKALINITY (AS CACO3)	Findings:	168.000 MG/L
03/06/1996 BICARBONATE ALKALINITY	Findings:	205.000 MG/L
03/06/1996 TOTAL HARDNESS (AS CACO3)	Findings:	180.000 MG/L
03/06/1996 CALCIUM	Findings:	51.100 MG/L
03/06/1996 MAGNESIUM	Findings:	13.400 MG/L
03/06/1996 SODIUM	Findings:	39.700 MG/L
03/06/1996 POTASSIUM	Findings:	2.000 MG/L
03/06/1996 CHLORIDE	Findings:	8.200 MG/L
03/06/1996 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	.300 MG/L
03/06/1996 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.080 UG/L
03/06/1996 TOTAL DISSOLVED SOLIDS	Findings:	306.000 MG/L
03/06/1996 LANGELIER INDEX @ 60 C	Findings:	.960
03/06/1996 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.280

Sample Collected: Chemical:

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03/06/1996 NITRATE (AS NO3)	Findings:	49.000 MG/L
03/06/1996 TURBIDITY (LAB)	Findings:	.100 NTU
03/06/1996 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.200
03/06/1996 NITRATE + NITRITE (AS N)	Findings:	11080.000 UG/L
04/23/1996 GROSS ALPHA	Findings:	1.300 PCI/L
04/23/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
04/23/1996 NITRATE + NITRITE (AS N)	Findings:	10600.000 UG/L
09/23/1996 GROSS ALPHA	Findings:	1.400 PCI/L
09/23/1996 GROSS ALPHA COUNTING ERROR	Findings:	.800 PCI/L
09/23/1996 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.290 UG/L
09/23/1996 NITRATE (AS NO3)	Findings:	48.600 MG/L
11/14/1996 GROSS ALPHA COUNTING ERROR	Findings:	.800 PCI/L
11/14/1996 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.250 UG/L
11/14/1996 NITRATE (AS NO3)	Findings:	52.600 MG/L
01/28/1997 SOURCE TEMPERATURE C	Findings:	21.100 C
01/28/1997 SPECIFIC CONDUCTANCE	Findings:	550.000 UMHO
01/28/1997 FIELD PH	Findings:	7.780
01/28/1997 PH (LABORATORY)	Findings:	7.780
01/28/1997 TOTAL ALKALINITY (AS CACO3)	Findings:	164.000 MG/L
01/28/1997 BICARBONATE ALKALINITY	Findings:	200.000 MG/L
01/28/1997 TOTAL HARDNESS (AS CACO3)	Findings:	182.000 MG/L
01/28/1997 CALCIUM	Findings:	54.600 MG/L
01/28/1997 MAGNESIUM	Findings:	11.200 MG/L
01/28/1997 SODIUM	Findings:	43.200 MG/L
01/28/1997 POTASSIUM	Findings:	3.000 MG/L

Sample Collected: Chemical:

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01/28/1997 CHLORIDE	Findings:	9.900 MG/L
01/28/1997 FLUORIDE (TEMPERATURE DEPENE	Findings: DENT)	.760 MG/L
01/28/1997 GROSS ALPHA	Findings:	4.500 PCI/L
01/28/1997 GROSS ALPHA COUNTING ERROR	Findings:	.800 PCI/L
01/28/1997 GROSS BETA COUNTING ERROR	Findings:	.600 PCI/L
01/28/1997 URANIUM	Findings:	3.000 PCI/L
01/28/1997 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.230 UG/L
01/28/1997 TOTAL DISSOLVED SOLIDS	Findings:	322.000 MG/L
01/28/1997 LANGELIER INDEX @ 60 C	Findings:	.890
01/28/1997 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.210
01/28/1997 NITRATE (AS NO3)	Findings:	51.800 MG/L
01/28/1997 TURBIDITY (LAB)	Findings:	.100 NTU
01/28/1997 TOTAL RADON 222 COUNTING ERRO	Findings: OR	3.000 PCI/L
01/28/1997 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.130
01/28/1997 NITRATE + NITRITE (AS N)	Findings:	11700.000 UG/L
01/28/1997 TRITIUM	Findings:	578.000 PCI/L
01/28/1997 TRITIUM COUNTING ERROR	Findings:	86.000 PCI/L
01/28/1997 RADIUM 226	Findings:	.510 PCI/L
01/28/1997 RADIUM 226 COUNTING ERROR	Findings:	.250 PCI/L
01/28/1997 RADIUM 228 COUNTING ERROR	Findings:	1.000 PCI/L
01/28/1997 STRONTIUM-90 COUNTING ERROR	Findings:	1.000 PCI/L
04/08/1997 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.230 UG/L
04/08/1997 GROSS ALPHA COUNTING ERROR	Findings:	.940 PCI/L
07/08/1997 GROSS ALPHA	Findings:	2.100 PCI/L
07/08/1997 GROSS ALPHA COUNTING ERROR	Findings:	2.000 PCI/L

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07/08/1997 DIBROMOCHLOROPROPANE (DBCF	Findings: ')	.330 UG/L
10/28/1997 GROSS ALPHA	Findings:	2.100 PCI/L
10/28/1997 GROSS ALPHA COUNTING ERROR	Findings:	1.700 PCI/L
10/28/1997 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.150 UG/L
01/22/1998 SOURCE TEMPERATURE C	Findings:	18.900 C
01/22/1998 SPECIFIC CONDUCTANCE	Findings:	490.000 UMHO
01/22/1998 FIELD PH	Findings:	8.000
01/22/1998 PH (LABORATORY)	Findings:	7.700
01/22/1998 TOTAL ALKALINITY (AS CACO3)	Findings:	166.000 MG/L
01/22/1998 BICARBONATE ALKALINITY	Findings:	203.000 MG/L
01/22/1998 TOTAL HARDNESS (AS CACO3)	Findings:	163.000 MG/L
01/22/1998 CALCIUM	Findings:	50.300 MG/L
01/22/1998 MAGNESIUM	Findings:	9.000 MG/L
01/22/1998 SODIUM	Findings:	42.000 MG/L
01/22/1998 POTASSIUM	Findings:	4.100 MG/L
01/22/1998 CHLORIDE	Findings:	15.900 MG/L
01/22/1998 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.546 MG/L
01/22/1998 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
01/22/1998 GROSS BETA COUNTING ERROR	Findings:	1.200 PCI/L
01/22/1998 BROMODICHLORMETHANE (THM)	Findings:	3.300 UG/L
01/22/1998 DIBROMOCHLOROMETHANE (THM)	Findings:	.600 UG/L
01/22/1998 CHLOROFORM (THM)	Findings:	6.900 UG/L
01/22/1998 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.160 UG/L
01/22/1998 TOTAL DISSOLVED SOLIDS	Findings:	305.000 MG/L
01/22/1998 LANGELIER INDEX @ 60 C	Findings:	1.080

Findings:

.350

42.700 MG/L

10.800 UG/L

4.000 PCI/L

.600 PCI/L

9640.000 UG/L

110.000 PCI/L

.160 PCI/L

.240 PCI/L

.240 PCI/L

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Sample Collected: Chemical:

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01/22/1998

URANIUM COUNTING ERROR

NITRATE + NITRITE (AS N)

TRITIUM COUNTING ERROR

RADIUM 226 COUNTING ERROR

RADIUM 228 COUNTING ERROR

STRONTIUM-90 COUNTING ERROR

NITRATE (AS NO3)

TURBIDITY (LAB)

LANGELIER INDEX @ SOURCE TEMP.

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Sample Collected: Chemical:	01/22/1998 TOTAL RADON 222 COUNTING ERR(Fir OR
Sample Collected: Chemical:	01/22/1998 AGGRSSIVE INDEX (CORROSIVITY)	Fir

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Water System Information:				
Prime Station Code:	01S/03W-35G08 S	User ID:	TAN	
FRDS Number:	3610037037	County:	San Beernardino	
District Number:	13 Moll/Croundwater	Station Type:	WELL/AMBN I/MUN/INTAKE/SUPPLY	
Source Lat/Long	340200 0 1170000 0	Precision:	Indefined	
Source Name	WELL 10 - INACTIVE		ondenned	
System Number:	3610037			
System Name:	REDLANDS CITY MUD-WATER	DIV		
Organization That Op	erates System:			
	PO BOX 3005			
Den Ormunk	REDLANDS, CA 92373	0	40447	
Pop Served:		Connections:	18447	
Alea Selveu.	REDEANDS			
Sample Information: * Or	nly Findings Above Detection Level A	Are Listed		
Sample Collected:		Findings:	650.000 UMHO	
Chemical.	SPECIFIC CONDUCTANCE			
Sample Collected:	06/19/1984	Findings:	7.940	
Chemical:	PH (LABORATORY)			
Sample Collected:	06/19/1984	Findings:	156.000 MG/L	
Chemical:	TOTAL ALKALINITY (AS CACO3)			
Sample Collected:	06/19/1984	Findings:	212.000 MG/L	
Chemical:	TOTAL HARDNESS (AS CACO3)	-		

Sample Collected: Chemical:

06/19/1984 CALCIUM	Findings:	63.899 MG/L
06/19/1984 MAGNESIUM	Findings:	14.500 MG/L
06/19/1984 SODIUM	Findings:	42.500 MG/L
06/19/1984 POTASSIUM	Findings:	2.700 MG/L
06/19/1984 CHLORIDE	Findings:	19.000 MG/L
06/19/1984 NITRATE (AS NO3)	Findings:	78.000 MG/L
04/01/1986 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.020 UG/L
04/22/1986 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.490 UG/L
05/21/1986 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.370 UG/L
07/11/1986 GROSS ALPHA	Findings:	2.400 PCI/L
07/11/1986 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
10/07/1986 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.410 UG/L
10/07/1986 GROSS ALPHA	Findings:	1.400 PCI/L
10/07/1986 GROSS ALPHA COUNTING ERROR	Findings:	1.500 PCI/L
10/07/1986 SPECIFIC CONDUCTANCE	Findings:	600.000 UMHO
10/07/1986 PH (LABORATORY)	Findings:	7.490
10/07/1986 TOTAL ALKALINITY (AS CACO3)	Findings:	174.600 MG/L
10/07/1986 BICARBONATE ALKALINITY	Findings:	213.000 MG/L
10/07/1986 TOTAL HARDNESS (AS CACO3)	Findings:	162.400 MG/L
10/07/1986 CALCIUM	Findings:	63.000 MG/L
10/07/1986 MAGNESIUM	Findings:	14.800 MG/L
10/07/1986 SODIUM	Findings:	36.599 MG/L
10/07/1986 POTASSIUM	Findings:	3.690 MG/L
10/07/1986 CHLORIDE	Findings:	15.500 MG/L
10/07/1986 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.580 MG/L

Sample Collected: Chemical:

10/07/1986 CADMIUM	Findings:	7.000 UG/L
10/07/1986 TOTAL DISSOLVED SOLIDS	Findings:	380.390 MG/L
10/07/1986 LANGELIER INDEX @ 60 C	Findings:	.680
10/07/1986 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.020
10/07/1986 NITRATE (AS NO3)	Findings:	66.000 MG/L
10/07/1986 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	11.900
01/13/1987 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.460 UG/L
04/07/1987 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.090 UG/L
07/21/1987 SOURCE TEMPERATURE C	Findings:	20.000 C
07/21/1987 SPECIFIC CONDUCTANCE	Findings:	650.000 UMHO
07/21/1987 FIELD PH	Findings:	8.030
07/21/1987 PH (LABORATORY)	Findings:	8.030
07/21/1987 TOTAL ALKALINITY (AS CACO3)	Findings;	207.700 MG/L
07/21/1987 BICARBONATE ALKALINITY	Findings:	253.400 MG/L
07/21/1987 TOTAL HARDNESS (AS CACO3)	Findings:	234.000 MG/L
07/21/1987 CALCIUM	Findings:	76.399 MG/L
07/21/1987 MAGNESIUM	Findings:	10.500 MG/L
07/21/1987 SODIUM	Findings:	40.799 MG/L
07/21/1987 POTASSIUM	Findings:	2.700 MG/L
07/21/1987 CHLORIDE	Findings:	15.400 MG/L
07/21/1987 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	1.200 MG/L
07/21/1987 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
07/21/1987 TOTAL DISSOLVED SOLIDS	Findings:	414.700 MG/L
07/21/1987 LANGELIER INDEX @ 60 C	Findings:	.970
07/21/1987 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.280

Sample Collected: Chemical:

07/21/1987 NITRATE (AS NO3)	Findings:	51.700 MG/L
07/21/1987 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.200
07/21/1987 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	2.100 UG/L
10/23/1987 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.460 UG/L
01/08/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.580 UG/L
03/11/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.900 UG/L
03/17/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.850 UG/L
03/29/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	∙.700 UG/L
04/05/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.750 UG/L
04/14/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.520 UG/L
04/21/1988 SOURCE TEMPERATURE C	Findings:	20.600 C
04/21/1988 SPECIFIC CONDUCTANCE	Findings:	580.000 UMHO
04/21/1988 FIELD PH	Findings:	8.060
04/21/1988 PH (LABORATORY)	Findings:	8.060
04/21/1988 TOTAL ALKALINITY (AS CACO3)	Findings:	168.400 MG/L
04/21/1988 BICARBONATE ALKALINITY	Findings:	205.400 MG/L
04/21/1988 TOTAL HARDNESS (AS CACO3)	Findings:	192.400 MG/L
04/21/1988 CALCIUM	Findings:	70.200 MG/L
04/21/1988 MAGNESIUM	Findings:	4.200 MG/L
04/21/1988 SODIUM	Findings:	42.700 MG/L
04/21/1988 POTASSIUM	Findings:	2.200 MG/L
04/21/1988 CHLORIDE	Findings:	14.400 MG/L
04/21/1988 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.400 MG/L
04/21/1988 GROSS ALPHA	Findings:	1.500 PCI/L
04/21/1988 GROSS ALPHA COUNTING ERROR	Findings:	.600 PCI/L

Sample Collected: Chemical:

04/21/1988 TOTAL DISSOLVED SOLIDS	Findings:	337.600 MG/L
04/21/1988 LANGELIER INDEX @ 60 C	Findings:	1.240
04/21/1988 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.560
04/21/1988 NITRATE (AS NO3)	Findings:	46.900 MG/L
04/21/1988 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.500
04/21/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.270 UG/L
05/03/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.900 UG/L
05/12/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	1.030 UG/L
10/21/1988 GROSS ALPHA	FIndings:	1.400 PCI/L
10/21/1988 GROSS ALPHA COUNTING ERROR	Findings:	.700 PCI/L
10/21/1988 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.120 UG/L
01/12/1989 GROSS ALPHA COUNTING ERROR	Findings:	.600 PCI/L
01/12/1989 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.040 UG/L
01/12/1989 TRICHLOROETHYLENE	Findings:	1.100 UG/L
04/18/1989 GROSS ALPHA	Findings:	1.500 PCI/L
04/18/1989 GROSS ALPHA COUNTING ERROR	Findings:	1.500 PCI/L
04/28/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ')	.070 UG/L
06/01/1989 DIBROMOCHLOROPROPANE (DBCF	Findings: ')	.060 UG/L
06/02/1989 SOURCE TEMPERATURE C	Findings:	21.700 C
06/02/1989 SPECIFIC CONDUCTANCE	Findings:	590.000 UMHO
06/02/1989 FIELD PH	Findings:	7.780
06/02/1989 PH (LABORATORY)	Findings:	7.780
06/02/1989 TOTAL ALKALINITY (AS CACO3)	Findings:	176.600 MG/L
06/02/1989 BICARBONATE ALKALINITY	Findings:	215.500 MG/L
06/02/1989 TOTAL HARDNESS (AS CACO3)	Findings:	171.600 MG/L
Sample Collected: Chemical: Sample Collected: Chemical: Sample Collected: Chemical: Sample Collected: Chemical:

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Sample Collected: Chemical:

SPECIFIC CONDUCTANCE

06/02/1989 CALCIUM	Findings:	49.700 MG/L
06/02/1989 MAGNESIUM	Findings:	11.600 MG/L
06/02/1989 SODIUM	Findings:	54.800 MG/L
06/02/1989 POTASSIUM	Findings:	2.300 MG/L
06/02/1989 CHLORIDE	Findings:	13.200 MG/L
06/02/1989 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	.400 MG/L
06/02/1989 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
06/02/1989 TOTAL DISSOLVED SOLIDS	Findings:	359.900 MG/L
06/02/1989 LANGELIER INDEX @ 60 C	Findings:	.870
06/02/1989 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.220
06/02/1989 NITRATE (AS NO3)	Findings:	53.100 MG/L
06/02/1989 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.100
10/06/1989 GROSS ALPHA	Findings:	3.100 PCI/L
10/06/1989 GROSS ALPHA COUNTING ERROR	Findings:	2.000 PCI/L
10/06/1989 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.070 UG/L
01/05/1990 GROSS ALPHA	Findings:	1.100 PCI/L
01/05/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
01/05/1990 GROSS BETA COUNTING ERROR	Findings:	1.500 PCI/L
01/05/1990 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.100 UG/L
01/05/1990 TRITIUM COUNTING ERROR	Findings:	1000.000 PCI/L
01/05/1990 RA 226 + RA 228	Findings:	.070 PCI/L
01/05/1990 RA 226 + RA 228 COUNTING ERROR	Findings:	.050 PCI/L
01/05/1990 STRONTIUM-90 COUNTING ERROR	Findings:	1.000 PCI/L
04/06/1990 SOURCE TEMPERATURE C	Findings:	20.600 C
04/06/1990	Findings:	610.000 UMHO

Sample Collected: Chemical:

04/06/1990 FIELD PH	Findings:	8.110
04/06/1990 PH (LABORATORY)	Findings:	8.110
04/06/1990 TOTAL ALKALINITY (AS CACO3)	Findings:	186.800 MG/L
04/06/1990 BICARBONATE ALKALINITY	Findings:	227.900 MG/L
04/06/1990 TOTAL HARDNESS (AS CACO3)	Findings:	208.400 MG/L
04/06/1990 CALCIUM	Findings:	59.300 MG/L
04/06/1990 MAGNESIUM	Findings:	14.700 MG/L
04/06/1990 SODIUM	Findings:	40.800 MG/L
04/06/1990 POTASSIUM	Findings:	2.500 MG/L
04/06/1990 CHLORIDE	Findings:	14.900 MG/L
04/06/1990 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.300 MG/L
04/06/1990 BORON	Findings:	.320 UG/L
04/06/1990 GROSS ALPHA COUNTING ERROR	Findings:	.700 PCI/L
04/06/1990 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.110 UG/L
04/06/1990 TOTAL DISSOLVED SOLIDS	Findings:	347.700 MG/L
04/06/1990 LANGELIER INDEX @ 60 C	Findings:	1.310
04/06/1990 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.640
04/06/1990 NITRATE (AS NO3)	Findings:	70.500 MG/L
04/06/1990 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.600
06/26/1990 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.160 UG/L
07/03/1990 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
07/03/1990 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.190 UG/L
10/23/1990 GROSS ALPHA	Findings:	1.600 PCI/L
10/23/1990 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
10/23/1990 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	2.080 UG/L

Sample Collected: Chemical:

01/08/1991 SOURCE TEMPERATURE C	Findings:	18.300 C
01/08/1991 SPECIFIC CONDUCTANCE	Findings:	550.000 UMHO
01/08/1991 FIELD PH	Findings:	7.800
01/08/1991 PH (LABORATORY)	Findings:	7.800
01/08/1991 TOTAL ALKALINITY (AS CACO3)	Findings:	160.000 MG/L
01/08/1991 BICARBONATE ALKALINITY	Findings:	195.200 MG/L
01/08/1991 TOTAL HARDNESS (AS CACO3)	Findings:	176.000 MG/L
01/08/1991 CALCIUM	Findings:	46.500 MG/L
01/08/1991 MAGNESIUM	Findings:	14.600 MG/L
01/08/1991 SODIUM	Findings:	45.400 MG/L
01/08/1991 POTASSIUM	Findings:	2.600 MG/L
01/08/1991 CHLORIDE	Findings:	14.300 MG/L
01/08/1991 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.400 MG/L
01/08/1991 GROSS ALPHA	Findings:	1.600 PCI/L
01/08/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
01/08/1991 GROSS BETA	Findings:	9.600 PCI/L
01/08/1991 GROSS BETA COUNTING ERROR	Findings:	4.200 PCI/L
01/08/1991 TRITIUM COUNTING ERROR	Findings:	400.000 PCI/L
01/08/1991 RA 226 + RA 228 COUNTING ERROR	Findings:	.100 PCI/L
01/08/1991 STRONTIUM-90 COUNTING ERROR	Findings:	1.000 PCI/L
01/08/1991 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.020 UG/L
01/08/1991 TOTAL DISSOLVED SOLIDS	Findings:	324.500 MG/L
01/08/1991 LANGELIER INDEX @ 60 C	Findings:	.820
01/08/1991 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.080
01/08/1991 NITRATE (AS NO3)	Findings:	50.300 MG/L

Sample Collected: Chemical:

01/08/1991 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.100
04/02/1991 GROSS ALPHA	Findings:	1.900 PCI/L
04/02/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
07/23/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
10/16/1991 GROSS ALPHA	Findings:	3.000 PCI/L
10/16/1991 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
10/16/1991 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.050 UG/L
01/06/1992 SOURCE TEMPERATURE C	Findings:	21.670 C
01/06/1992 SPECIFIC CONDUCTANCE	Findings:	540.000 UMHO
01/06/1992 FIELD PH	Findings:	7.700
01/06/1992 PH (LABORATORY)	Findings:	7.700
01/06/1992 TOTAL ALKALINITY (AS CACO3)	Findings:	156.000 MG/L
01/06/1992 BICARBONATE ALKALINITY	Findings:	190.300 MG/L
01/06/1992 TOTAL HARDNESS (AS CACO3)	Findings:	170.000 MG/L
01/06/1992 CALCIUM	Findings:	49.700 MG/L
01/06/1992 MAGNESIUM	Findings:	11.200 MG/L
01/06/1992 SODIUM	Findings:	46.700 MG/L
01/06/1992 POTASSIUM	Findings:	2.200 MG/L
01/06/1992 CHLORIDE	Findings:	14.900 MG/L
01/06/1992 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	.400 MG/L
01/06/1992 BORON	Findings:	.270 UG/L
01/06/1992 GROSS ALPHA	Findings:	1.600 PCI/L
01/06/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
01/06/1992 GROSS BETA COUNTING ERROR	Findings:	1.000 PCI/L
01/06/1992 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.030 UG/L

Sample Collected: Chemical:

01/06/1992 TOTAL DISSOLVED SOLIDS	Findings:	296.100 MG/L
01/06/1992 LANGELIER INDEX @ 60 C	Findings:	.740
01/06/1992 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.070
01/06/1992 NITRATE (AS NO3)	Findings:	48.000 MG/L
01/06/1992 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	11.990
04/07/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
04/07/1992 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.030 UG/L
07/16/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.400 PCI/L
07/16/1992 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.040 UG/L
10/16/1992 GROSS ALPHA	Findings:	1.100 PCI/L
10/16/1992 GROSS ALPHA COUNTING ERROR	Findings:	1.600 PCI/L
10/16/1992 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.060 UG/L
01/26/1993 SOURCE TEMPERATURE C	Findings:	21.110 C
01/26/1993 SPECIFIC CONDUCTANCE	Findings:	620.000 UMHO
01/26/1993 FIELD PH	Findings:	7.900
01/26/1993 PH (LABORATORY)	Findings:	7.900
01/26/1993 TOTAL ALKALINITY (AS CACO3)	Findings:	178.400 MG/L
01/26/1993 BICARBONATE ALKALINITY	Findings:	217.600 MG/L
01/26/1993 TOTAL HARDNESS (AS CACO3)	Findings:	207.200 MG/L
01/26/1993 CALCIUM	Findings:	57.700 MG/L
01/26/1993 MAGNESIUM	Findings:	15.400 MG/L
01/26/1993 SODIUM	Findings:	48.800 MG/L
01/26/1993 POTASSIUM	Findings:	2.100 MG/L
01/26/1993 CHLORIDE	Findings:	15.200 MG/L
01/26/1993 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.400 MG/L

Sample Collected: Chemical:

01/26/1993 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.230 UG/L
01/26/1993 TOTAL DISSOLVED SOLIDS	Findings:	340.700 MG/L
01/26/1993 LANGELIER INDEX @ 60 C	Findings:	1.060
01/26/1993 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.380
01/26/1993 NITRATE (AS NO3)	Findings:	63.000 MG/L
01/26/1993 TURBIDITY (LAB)	Findings:	.300 NTU
01/26/1993 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.310
04/13/1993 GROSS ALPHA COUNTING ERROR	Findings:	1.500 PCI/L
04/13/1993 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.280 UG/L
10/14/1993 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
10/14/1993 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.260 UG/L
02/03/1994 SOURCE TEMPERATURE C	Findings:	20.000 C
02/03/1994 SPECIFIC CONDUCTANCE	Findings:	600.000 UMHO
02/03/1994 FIELD PH	Findings:	7.600
02/03/1994 PH (LABORATORY)	Findings:	8.000
02/03/1994 TOTAL ALKALINITY (AS CACO3)	Findings:	170.400 MG/L
02/03/1994 BICARBONATE ALKALINITY	Findings:	207.900 MG/L
02/03/1994 TOTAL HARDNESS (AS CACO3)	Findings:	209.200 MG/L
02/03/1994 CALCIUM	Findings:	64.100 MG/L
02/03/1994 MAGNESIUM	Findings:	12.000 MG/L
02/03/1994 SODIUM	Findings:	41.300 MG/L
02/03/1994 POTASSIUM	Findings:	2.700 MG/L
02/03/1994 CHLORIDE	Findings:	15.000 MG/L
02/03/1994 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.500 MG/L
02/03/1994 ALUMINUM	Findings:	104.000 UG/L

Sample Collected: Chemical:

02/03/1994 GROSS ALPHA	Findings:	1.700 PCI/L
02/03/1994 GROSS ALPHA COUNTING ERROR	Findings:	2.000 PCI/L
02/03/1994 GROSS BETA COUNTING ERROR	Findings:	1.400 PCI/L
02/03/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.290 UG/L
02/03/1994 TOTAL DISSOLVED SOLIDS	Findings:	370.000 MG/L
02/03/1994 LANGELIER INDEX @ 60 C	Findings:	1.180
02/03/1994 LANGELIER INDEX @ SOURCE TEM	Findings: IP.	.480
02/03/1994 NITRATE (AS NO3)	Findings:	74.800 MG/L
02/03/1994 TURBIDITY (LAB)	Findings:	.100 NTU
02/03/1994 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.430
02/03/1994 NITRATE + NITRITE (AS N)	Findings:	16885.000 UG/I
04/13/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.200 UG/L
04/28/1994 GROSS ALPHA	Findings:	1.400 PCI/L
04/28/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.200 PCI/L
04/28/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.290 UG/L
07/19/1994 GROSS ALPHA	Findings:	2.500 PCI/L
07/19/1994 GROSS ALPHA COUNTING ERROR	Findings:	.700 PCI/L
07/19/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.250 UG/L
10/21/1994 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
10/21/1994 DIBROMOCHLOROPROPANE (DBCF	Findings: ²)	.090 UG/L
01/19/1995 SOURCE TEMPERATURE C	Findings:	20.000 C
01/19/1995 SPECIFIC CONDUCTANCE	Findings:	590.000 UMHO
01/19/1995 FIELD PH	Findings:	7.700
01/19/1995 PH (LABORATORY)	Findings:	7.800
01/19/1995 TOTAL ALKALINITY (AS CACO3)	Findings:	174.400 MG/L

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Sample Collected: Chemical:

d:	01/19/1995 BICARBONATE ALKALINITY	Findings:	212.800 MG/L
d:	01/19/1995 TOTAL HARDNESS (AS CACO3)	Findings:	222.000 MG/L
d:	01/19/1995 CALCIUM	Findings:	62.200 MG/L
d:	01/19/1995 MAGNESIUM	Findings:	12.600 MG/L
d:	01/19/1995 SODIUM	Findings:	45.800 MG/L
d:	01/19/1995 POTASSIUM	Findings:	2.400 MG/L
d:	01/19/1995 CHLORIDE	Findings:	11.600 MG/L
d:	01/19/1995 FLUORIDE (TEMPERATURE DEPENI	Findings: DENT)	.200 MG/L
d:	01/19/1995 GROSS ALPHA	Findings:	1.100 PCI/L
d:	01/19/1995 GROSS ALPHA COUNTING ERROR	Findings:	.900 PCI/L
d:	01/19/1995 GROSS BETA COUNTING ERROR	Findings:	.900 PCI/L
d:	01/19/1995 DIBROMOCHLOROPROPANE (DBCP	Findings:	.140 UG/L
d:	01/19/1995 TOTAL DISSOLVED SOLIDS	Findings:	357.000 MG/L
d:	01/19/1995 LANGELIER INDEX @ 60 C	Findings:	.980
d:	01/19/1995 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.280
d:	01/19/1995 NITRATE (AS NO3)	Findings:	64.800 MG/L
d:	01/19/1995 TURBIDITY (LAB)	Findings:	.100 NTU
d:	01/19/1995 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.230
d:	01/19/1995 NITRATE + NITRITE (AS N)	Findings:	14628.000 UG/L
d:	01/19/1995 TRITIUM	Findings:	148.000 PCI/L
d:	01/19/1995 TRITIUM COUNTING ERROR	Findings:	113.000 PCI/L
d:	01/19/1995 RA 226 + RA 228	Findings:	2.300 PCI/L
d:	01/19/1995 RA 226 + RA 228 COUNTING ERROF	Findings:	.800 PCI/L
d:	01/19/1995 STRONTIUM-90 COUNTING ERROR	Findings:	.600 PCI/L
d:	04/13/1995 GROSS ALPHA	Findings:	2.500 PCI/L

Sample Collected: Chemical:

04/13/1995 GROSS ALPHA COUNTING ERROR	Findings:	.600 PCI/L
04/13/1995 NITRATE + NITRITE (AS N)	Findings:	15700.000 UG/L
09/12/1995 GROSS ALPHA	Findings:	1.200 PCI/L
09/12/1995 GROSS ALPHA COUNTING ERROR	Findings:	1.000 PCI/L
09/12/1995 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.250 UG/L
09/12/1995 NITRATE + NITRITE (AS N)	Findings:	14600.000 UG/L
12/06/1995 DIBROMOCHLOROPROPANE (DBCP	Findings: ?)	.340 UG/L
12/06/1995 NITRATE + NITRITE (AS N)	Findings:	14500.000 UG/L
02/13/1996 SOURCE TEMPERATURE C	Findings:	20.000 C
02/13/1996 SPECIFIC CONDUCTANCE	Findings:	600.000 UMHO
02/13/1996 FIELD PH	Findings:	7.700
02/13/1996 PH (LABORATORY)	Findings:	7.700
02/13/1996 TOTAL ALKALINITY (AS CACO3)	Findings:	173.200 MG/L
02/13/1996 BICARBONATE ALKALINITY	Findings:	211.300 MG/L
02/13/1996 TOTAL HARDNESS (AS CACO3)	Findings:	212.000 MG/L
02/13/1996 CALCIUM	Findings:	56.100 MG/L
02/13/1996 MAGNESIUM	Findings:	16.700 MG/L
02/13/1996 SODIUM	Findings:	44.200 MG/L
02/13/1996 POTASSIUM	Findings:	2.700 MG/L
02/13/1996 CHLORIDE	Findings:	11.700 MG/L
02/13/1996 FLUORIDE (TEMPERATURE DEPEN	Findings: DENT)	.300 MG/L
02/13/1996 GROSS ALPHA	Findings:	2.300 PCI/L
02/13/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.100 PCI/L
02/13/1996 GROSS BETA COUNTING ERROR	Findings:	.900 PCI/L
02/13/1996 DIBROMOCHLOROPROPANE (DBCF	Findings: ?)	.320 UG/L

Sample Collected: Chemical:

02/13/1996 TOTAL DISSOLVED SOLIDS	Findings:	367.000 MG/L
02/13/1996 LANGELIER INDEX @ 60 C	Findings:	.830
02/13/1996 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.130
02/13/1996 NITRATE (AS NO3)	Findings:	74.000 MG/L
02/13/1996 TURBIDITY (LAB)	Findings:	.100 NTU
02/13/1996 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.080
02/13/1996 NITRATE + NITRITE (AS N)	Findings:	16704.000 UG/L
04/12/1996 GROSS ALPHA	Findings:	3.900 PCI/L
04/12/1996 GROSS ALPHA COUNTING ERROR	Findings:	1.300 PCI/L
11/14/1996 GROSS ALPHA COUNTING ERROR	Findings:	.800 PCI/L
11/14/1996 BROMODICHLORMETHANE (THM)	Findings:	.800 UG/L
11/14/1996 CHLOROFORM (THM)	Findings:	2.700 UG/L
11/14/1996 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.270 UG/L
11/14/1996 NITRATE (AS NO3)	Findings:	63.600 MG/L
11/14/1996 TOTAL TRIHALOMETHANES	Findings:	3.500 UG/L
01/28/1997 SOURCE TEMPERATURE C	Findings:	20.000 C
01/28/1997 SPECIFIC CONDUCTANCE	Findings:	570.000 UMHO
01/28/1997 FIELD PH	Findings:	7.750
01/28/1997 PH (LABORATORY)	Findings:	7.750
01/28/1997 TOTAL ALKALINITY (AS CACO3)	Findings:	170.000 MG/L
01/28/1997 BICARBONATE ALKALINITY	Findings:	207.000 MG/L
01/28/1997 TOTAL HARDNESS (AS CACO3)	Findings:	201.000 MG/L
01/28/1997 CALCIUM	Findings:	54.800 MG/L
01/28/1997 MAGNESIUM	Findings:	14.700 MG/L
01/28/1997 SODIUM	Findings:	41.100 MG/L

Set last

Sample Collected: Chemical:

RADIUM 228 COUNTING ERROR

01/28/1997 POTASSIUM	Findings:	2.500 MG/L
01/28/1997 CHLORIDE	Findings:	9.500 MG/L
01/28/1997 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	.790 MG/L
01/28/1997 GROSS ALPHA	Findings:	4.600 PCI/L
01/28/1997 GROSS ALPHA COUNTING ERROR	Findings:	.700 PCI/L
01/28/1997 GROSS BETA COUNTING ERROR	Findings:	.600 PCI/L
01/28/1997 URANIUM	Findings:	3.000 PCI/L
01/28/1997 BROMODICHLORMETHANE (THM)	Findings:	.700 UG/L
01/28/1997 CHLOROFORM (THM)	Findings:	1.800 UG/L
01/28/1997 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.240 UG/L
01/28/1997 TOTAL DISSOLVED SOLIDS	Findings:	333.000 MG/L
01/28/1997 LANGELIER INDEX @ 60 C	Findings:	.870
01/28/1997 LANGELIER INDEX @ SOURCE TEM	Findings: P.	.170
01/28/1997 NITRATE (AS NO3)	Findings:	54.000 MG/L
01/28/1997 TURBIDITY (LAB)	Findings:	.100 NTU
01/28/1997 TOTAL TRIHALOMETHANES	Findings:	2.500 UG/L
01/28/1997 TOTAL RADON 222 COUNTING ERR	Findings: OR	4.000 PCI/L
01/28/1997 TOTAL RADON 222	Findings:	112.000 PCI/L
01/28/1997 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	12.110
01/28/1997 NITRATE + NITRITE (AS N)	Findings:	12200.000 UG/L
01/28/1997 TRITIUM	Findings:	526.000 PCI/L
01/28/1997 TRITIUM COUNTING ERROR	Findings:	85.000 PCI/L
01/28/1997 RADIUM 226 COUNTING ERROR	Findings:	.260 PCI/L
01/28/1997 RADIUM 228	Findings:	.770 PCI/L
01/28/1997	Findings:	.220 PCI/L

Sample Collected: Chemical:

01/28/1997 STRONTIUM-90 COUNTING ERROR	Findings:	1.000 PCI/L
04/08/1997 BROMODICHLORMETHANE (THM)	Findings:	1.200 UG/L
04/08/1997 CHLOROFORM (THM)	Findings:	3.000 UG/L
04/08/1997 DIBROMOCHLOROPROPANE (DBCP	Findings:)	.280 UG/L
04/08/1997 TOTAL TRIHALOMETHANES	Findings:	4.200 UG/L
04/08/1997 GROSS ALPHA	Findings:	2.100 PCI/L
04/08/1997 GROSS ALPHA COUNTING ERROR	Findings:	1.500 PCI/L
07/29/1997 GROSS ALPHA	Findings:	1.500 PCI/L
07/29/1997 GROSS ALPHA COUNTING ERROR	Findings:	1.900 PCI/L
07/29/1997 CHLOROFORM (THM)	Findings:	2.800 UG/L
07/29/1997 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.260 UG/L
07/29/1997 TOTAL TRIHALOMETHANES	Findings:	2.800 UG/L
10/28/1997 GROSS ALPHA	Findings:	1.200 PCI/L
10/28/1997 GROSS ALPHA COUNTING ERROR	Findings:	.600 PCI/L
10/28/1997 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.250 UG/L
01/21/1998 SOURCE TEMPERATURE C	Findings:	16.700 C
01/21/1998 SPECIFIC CONDUCTANCE	Findings:	540.000 UMHO
01/21/1998 FIELD PH	Findings:	7.500
01/21/1998 PH (LABORATORY)	Findings:	7.670
01/21/1998 TOTAL ALKALINITY (AS CACO3)	Findings:	159.000 MG/L
01/21/1998 BICARBONATE ALKALINITY	Findings:	194.000 MG/L
01/21/1998 TOTAL HARDNESS (AS CACO3)	Findings:	202.000 MG/L
01/21/1998 CALCIUM	Findings:	57.000 MG/L
01/21/1998 MAGNESIUM	Findings:	14.500 MG/L
01/21/1998 SODIUM	Findings:	36.000 MG/L

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:

01/21/1998 POTASSIUM	Findings:	3.100 MG/L
01/21/1998 CHLORIDE	Findings:	10.800 MG/L
01/21/1998 FLUORIDE (TEMPERATURE DEPEND	Findings: DENT)	.709 MG/L
01/21/1998 GROSS ALPHA COUNTING ERROR	Findings:	1.700 PCI/L
01/21/1998 GROSS BETA COUNTING ERROR	Findings:	1.400 PCI/L
01/21/1998 BROMODICHLORMETHANE (THM)	Findings:	1.700 UG/L
01/21/1998 DIBROMOCHLOROMETHANE (THM)	Findings:	.700 UG/L
01/21/1998 CHLOROFORM (THM)	Findings:	3.400 UG/L
01/21/1998 DIBROMOCHLOROPROPANE (DBCP	Findings: ')	.240 UG/L
01/21/1998 TOTAL DISSOLVED SOLIDS	Findings:	337.000 MG/L
01/21/1998 LANGELIER INDEX @ 60 C	Findings:	.610
01/21/1998 NITRATE (AS NO3)	Findings:	59.400 MG/L
01/21/1998 TURBIDITY (LAB)	Findings:	.100 NTU
01/21/1998 TOTAL TRIHALOMETHANES	Findings:	5.800 UG/L
01/21/1998 TOTAL RADON 222 COUNTING ERR	Findings: OR	3.000 PCI/L
01/21/1998 AGGRSSIVE INDEX (CORROSIVITY)	Findings:	11.850
01/21/1998 URANIUM COUNTING ERROR	Findings:	.300 PCI/L
01/21/1998 NITRATE + NITRITE (AS N)	Findings:	13400.000 UG/L
01/21/1998 TRITIUM COUNTING ERROR	Findings:	110.000 PCI/L
01/21/1998 RADIUM 226 COUNTING ERROR	Findings:	.160 PCI/L
01/21/1998 RADIUM 228 COUNTING ERROR	Findings:	.220 PCI/L
01/21/1998 STRONTIUM-90 COUNTING ERROR	Findings:	.250 PCI/L

Map ID Direction Distance Elevation

Database EDR ID Number

AQUIFLOW 50239

9 ESE 1 - 2 Miles Higher

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Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date: 083602839T WSW 150 175 Not Reported 09/04/1996

TC906792.5s Page A-111

AREA RADON INFORMATION

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: 92374

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.500 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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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^R 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

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

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-4099

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: 202-564-4099
- 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: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. 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 more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

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

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

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

RADON

Area Radon Information

Source: USGS

Telephone: 303-202-4210

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: 202-564-9370

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

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

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

APPENDIX B

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HISTORICAL TOPOGRAPHIC MAPS

The EDR-Historical Topographic Map Report

Sunset Drive/Wabash Avenue Sunset Drive/Wabash Avenue Redlands, CA 92374

January 10, 2003

Inquiry Number: 906792-9

The Source For Environmental Risk Management Data

Eps[®] Environmental Data Resources, Inc.

3530 Post Road Southport, Connecticut 06490

Nationwide Customer Service

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

Environmental Data Resources, Inc. Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property, and its surrounding area, resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of reasonably ascertainable standard historical sources. Reasonably ascertainable is defined as information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.2, the following standard historical sources may be used: aerial photographs, city directories, fire insurance maps, topographic maps, property tax files, land title records (although these cannot be the sole historical source consulted), building department records, or zoning/and use records. ASTM E 1527-00 requires "All obvious uses of the property shall be identified from the present, back to the property's obvious 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 that are reasonably ascertainable and likely to be useful." (ASTM E 1527-00, Section 7.3.2 page 11.)

EDR's Historical Topographic Map Report includes a search of available public and private color historical topographic map collections.

Topographic Maps

A topographic map (topo) is a color coded line-and-symbol representation of natural and selected artificial features plotted to a scale. Topos show the shape, elevation, and development of the terrain in precise detail by using contour lines and color coded symbols. Many features are shown by lines that may be straight, curved, solid, dashed, dotted, or in any combination. The colors of the lines usually indicate similar classes of information. For example, topographic contours (brown); lakes, streams, irrigation ditches, etc. (blue): land grids and important roads (red); secondary roads and trails, railroads, boundaries, etc. (black); and features that have been updated using aerial photography, but not field verified, such as disturbed land areas (e.g., gravel pits) and newly developed water bodies (purple).

For more than a century, the USGS has been creating and revising topographic maps for the entire country at a variety of scales. There are about 60,000 U.S. Geological Survey (USGS) produced topo maps covering the United States. Each map covers a specific quadrangle (quad) defined as a four-sided area bounded by latitude and longitude. Historical topographic maps are a valuable historical resource for documenting the prior use of a property and its surrounding area, and due to their frequent availability can be particularly helpful when other standard historical sources (such as city directories, fire insurance maps, or aerial photographs) are not reasonably ascertainable. Please call EDR Nationwide Customer Service at 1-800-352-0050 (8am-8pm ET) with questions or comments about your report. *Thank you for your business!*

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APPENDIX C

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PROPERTY RECONNAISSANCE PHOTOGRAPHS

M&A / Meredith & Associates, Inc.

MA-2003-2



1. View to southeast of Parcel 2 of the Property. Paintball targets and shields are visible throughout the photograph. Interstate 10 is visible in the background of the photograph.



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2. View of a paintball target located on the southwest part of Parcel 2 of the Property.



3. View to the northeast from the southeast corner of Parcel 3 of the Property.



4. View to west of Parcels 1 and 2 of the Property. An area where soil and debris piles were located can be seen in the approximate center of the photograph (see photograph number 7). Reservoir Road is visible in left side of the photograph; Interstate 10 extends through the middleground of the photograph.

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MA-2003-2



5. Close-up view of area on Parcel 3 of the Property where dumping of furniture and other miscellaneous discarded materials was observed.

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6. View to southwest from northwest corner of the Property.

MA-2003-2



7. Close-up view of dirt and debris (mostly asphalt and concrete) piles located on the southeast part of Parcel 1 of the Property.



8. View of a an irrigation control structure located on the northwest part of Parcel 1 of the Property.

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PHASE I ENVIRONMENTAL SITE ASSESSMENT 60-ACRE, MULTI-PARCEL VACANT PROPERTY, LOCATED EAST AND WEST OF WABASH AVENUE, REDLANDS, SAN BERNARDINO COUNTY, CALIFORNIA

Project No. E05907-40

Dated: May 26, 2005

Prepared for:

Mr. Mike Pearson **GRANITE EQUITIES** 2 Park Plaza, Suite 700 Irvine, California 92614

Project No. E05907-40



otechnical Consulting

May 26, 2005

Mr. Mike Pearson *GRANITE EQUITIES* 2 Park Plaza, Suite 700 Irvine, California 92614

Subject: Phase I Environmental Site Assessment, 60-Acre, Multi-Parcel Vacant Property, Located East and West of Wabash Avenue, Redlands, San Bernardino County, California

LGC Inland, Inc. (LGC) is pleased to submit herewith our Phase I Environmental Site Assessment report for the 60-acre, multi-parcel vacant property (Assessors Parcel Numbers [APNs] 0174-281-13-0000; 0299-213-11-0000; 0299-213-12-0000; and 0299-213-13-0000) located north of the 10 Freeway and east and west of the Wabash Avenue freeway exit in Redlands, San Bernardino County, California. Our study was performed in accordance with the scope of work outlined in our Proposal No. E05907-99 dated May 2, 2005 and ASTM Phase I ESA Standard E1527-00.

his report presents the results of our site visit, historical review, regulatory records review, and other information detailed within this report.

It has been a pleasure to be of service to you on this project. Should you have any questions, regarding the content of this report or should you require additional information, please do not hesitate to contact this office at your earliest convenience.

Respectfully submitted,

LGC INLAND, INC.

Mark Bergmann President

KMC/MB/jn

Distribution: (4) Addressee

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Correspondence

Miscellaneous

PHASE I ESA EXECUTIVE SUMMARY OVERVIEW 60-Acre, Multi-Parcel Vacant Property, Located East and West of Wabash Avenue Redlands, San Bernardino County, California					
Section Topic	No RECs Identified	Non-REC Issue Identified	RECs Identified	Phase II Recommended	Comments
Historical Usage				✓	Historical agricultural land use was identified in the northwest part of the eastern portion of the subject property. LGC recommends collecting a limited number of surface soil samples in this area to check for the presence of residual pesticides.
Regulatory Database Review (on-site)	~				
Regulatory Database Review (nearby sites)					
On-site Operations	~				
Haz. Mat. Handling	~				
Haz. Waste Handling	~				
USTs/ ASTs	~				
ACMs				v	Asbestos-containing pipe was observed in two locations at the subject property. The pipe is broken and pieces are strewn on the site surface over a 100 square foot area. This material should be sampled and remediated.
LBP/ Lead in H2O	~				
PCBs	*				
Radon	· · ·				
Other		~			According to a review of historical aerial photographs with coverage of the site from 1938 through 1955, a residential structure was present in the western part of the eastern portion of the subject property. Although there were no demolition or plumbing permits available, it is possible a septic system was utilized for the residence. If a septic system is encountered it should be abandoned according to current regulations.

1.0 EXECUTIVE SUMMARY & RECOMMENDATIONS

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LGC Inland, Inc. (LGC) was retained by *Granite Equities* (Client) to perform a Phase I Environmental Site Assessment (Phase 1 ESA or Assessment) of the 60-acre, multi-parcel vacant property identified by APNs 0174-281-13-0000; 0299-213-11-0000; 0299-213-12-0000; 0299-213-13-0000 located north of the 10 Freeway and east and west of the Wabash Avenue exit in Redlands, San Bernardino County, California. The property is located within primarily a residential and rural residential area. At the time of the May 10, 2005 site visit, the subject property was generally bounded by undeveloped land to the east, rural residential properties to the north, a residential tract to the west, and the 10 Freeway to the south. Wabash Avenue divides the property in a north-south direction.

This Phase I ESA was performed in accordance with the scope and limitations of the American Society for Testing and Materials (ASTM) Phase I ESA Standard E1527-00, the scope of work defined in this report, as well as the signed service agreement. The following summarizes LGC's independent conclusions and best professional judgment based upon information available to us during the course of this Assessment.

Based upon the site visit, historical review, regulatory records review, and other information detailed within this report, this Assessment identified no evidence of ASTM Recognized Environmental Conditions (RECs) in connection with the subject property. However, other non-REC issues were also identified. Further investigation is recommended at this time, as detailed below.

- According to a review of historical aerial photographs with coverage of the site from 1938 through 1955, historical agricultural land use was identified in the northwest part of the eastern portion of the site. The potential exists that agricultural chemical application was performed in this portion of the subject property during this time period, and that residual quantities of such chemicals remain in the near surface soils. LGC recommends collecting a limited number of surface soil samples in this area to check for residual pesticides.
- Asbestos-containing pipe was observed in two locations on the subject property. The pipe is broken and pieces are strewn on the site surface over a 100 square foot area. The asbestos-containing pipe should be removed and disposed of by appropriately trained and licensed individuals. In addition, surficial soil in the vicinity of the broken pipe should be tested for the presence of asbestos. If asbestos is identified, soil remediation will be required.
- According to a review of historical aerial photographs with coverage of the site from 1938 through 1955, a residential structure was present in the western part of the eastern portion of the subject property. Although there were no demolition or plumbing permits available, it is possible a septic system was utilized for the residence. If a septic system is encountered on the subject property, it should be properly abandoned according to current regulations.

An Executive Summary Overview is also included on the previous page. When making any decisions concerning the findings of this Assessment, also refer to the remainder of this report, which may present other items of interest that are not discussed in the Executive Summary, and/or provide further detail concerning the 'vove listed items.

2.0 <u>SCOPE OF WORK & LIMITATIONS</u>

2.1 <u>Purpose</u>

The primary goal of this Phase I Environmental Site Assessment is to assist the client in satisfying one (1) of the four (4) requirements to qualify for the "innocent landowner defense" to CERCLA liability (42 U.S.C. §9601 et. seq.). The innocent landowner defense is predicated on the assumption that "...the defendant must have undertaken, at the time of acquisition, all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice in an effort to minimize liability...." The secondary goal of this Assessment is to provide information that will assist in evaluating the risk of potential value impairment of the security interest or environmental liability, as well as to provide information for various potential operational limitations and decisions based upon those potential defects.

2.2 <u>Protocol</u>

The ASTM Standard E1527-00 is the most widely recognized method currently used in attempting to perform the due diligence required to achieve the above purpose. The E1527-00 Standard was created by the ASTM "...in an effort to define good commercial and customary practice in the United States of America for conducting an environmental site assessment...." The ASTM Standard E1527-00 is intended to identify recognized environmental conditions (RECs) in connection with a given property. The term recognized environmental conditions is not intended to include "de minimus" conditions that generally do not present a material risk of harm or that are unlikely to be the subject of enforcement actions by governmental agencies. Other conditions or issues that are beyond the ASTM scope may also be discussed in this report, as detailed within each section.

2.3 <u>Scope of Work</u>

Utilizing ASTM Standard E1527-00, as well as the scope of work discussed below and in the work authorization document, this Assessment involved: A site reconnaissance of the subject property, limited observations of adjoining properties, a review of the historical usage of the subject property, and a review of relevant documentation provided by various public and private sources (including the client and/or owner of the subject property) to evaluate the presence or likely existence of:

- Recognized environmental conditions, specified by ASTM E1527-00 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."
- A brief evaluation and assessment of potential environmental issues which may not rise to the level of recognized environmental conditions, such as: obviously improper hazardous material or waste handling, off-site issues, suspect asbestos containing materials, lead based paint, polychlorinated bi-phenyls, and radon gas.

⁴ <u>Limitations</u>

As discussed in ASTM E1527-00, no Phase I ESA can completely eliminate uncertainty regarding the potential for RECs in connection with a subject property. This investigation is simply intended to reduce uncertainty within reasonable limits of time and cost.

The observations contained within this Assessment are based upon conditions readily observable during the site visits. These observations are typically unable to address conditions of areas not inspected, hidden from view, subsurface soil, groundwater, underground storage tanks, neighboring properties, and the like, unless specifically mentioned. It is not the purpose of this Assessment to determine the actual presence, or degree or extent of contamination (if any) at the subject property. Unless specifically noted within this report, this Assessment does not include observations, testing, coring, or sampling analysis to address groundwater, soil, or extraneous materials contamination (including mold issues) in or on the subject property. This Assessment does not include or address reasonably ascertainable environmental liens recorded against the subject property.

LGC makes no warranties or guarantees as to the accuracy or completeness of information obtained from or compiled by others. Information may also exist which was beyond the scope of this investigation, or was not provided to LGC that may have an impact on the conclusions of this Assessment. This Assessment does not attempt to address past or forecast future site conditions.

This Assessment has been conducted and prepared in accordance with generally accepted practices and procedures exercised by reputable professionals under similar circumstances. LGC makes no other warranties or guarantees, either expressed or implied, as to the findings, opinions, or recommendations contained in the report, or as to the existence or non-existence of RECs at the subject property.

3.0 <u>GENERAL SITE DESCRIPTION</u>

During the site visit, the LGC Assessor was unaccompanied. Few boundary markers or landmarks separated the subject property from surrounding properties. However, LGC obtained assessor's parcel maps and utilized maps from a client-supplied Phase I Environmental Site Assessment report prepared in 2003 for the site by Meredith & Associates, Inc. (copies of which are included in the appendices) that delineated the subject property boundaries, sufficient for the purposes of this Assessment.

3.1 <u>Previous Environmental Documentation</u>

A client-supplied Phase I Environmental Site Assessment report prepared in 2003 for the site by Meredith & Associates, Inc. was provided to LGC Inland for review. The report concluded the following:

• A soil borrow area was identified on the southeast portion of the western part of the subject property, however, the area and scope of the operation was limited in extent.

- A small area of the southwest part of the parcel identified by assessor's parcel number 0299-213-13-0000 was previously used for paintball activities. However, research confirmed that the ingredients of paintballs are water soluble, non-toxic and do not pose a threat to human health or the environment.
- Soil and debris piles were observed during the site visit. In addition, discarded items were observed on the eastern part of the subject property. Hazardous materials or wastes were not observed in any of the soil and debris piles or among the discarded items.
- The Meredith & Associates, Inc. Phase I Environmental Site Assessment revealed no evidence of recognized environmental conditions in connection with the subject property.

No other environmental documents for the subject property were presented for LGC Inland's review by the Client or Owner/Key Site Manager (KSM).

3.2 <u>Adjoining and Adjacent Properties</u>

As discussed in ASTM E1527-00, an adjoining property is any real property whose border is contiguous or partially contiguous with the subject property, or would be if the properties were not separated by a roadway, street or other public thoroughfare. For the purposes of this report, an adjacent property is any real property located within approximately 1-block of the subject property's border.

The subject property is generally located within a growing area that is undergoing increasing residential development to the north, west and northeast of the subject property. Specifically, the subject property is bordered by the following:

North:	Undeveloped land and rural residential properties.
East:	Undeveloped land.
South:	Reservoir Road and the 10 Freeway right-of-way.
West:	A residential tract of homes.

3.3 <u>USGS Topographic Map</u>

The subject property's physical setting was researched employing a United States Geological Survey (USGS) 7.5 Minute Topographic Quadrangle (Quad) Map relevant to the subject property (Redlands Quadrangle). In general, USGS 7.5 Minute Quad Maps have an approximate scale of 1-inch to 2,000 feet, and show physical features such as wetlands, roadways, mines, and buildings. No structures, tanks or wells are depicted on the subject property. Several unpaved roads are shown on the eastern part of the subject property. A small borrow pit is shown in the western part of the subject property. Wabash Avenue divides the subject property in a north-south direction. The USGS 7.5 Minute Quad Map was used as the Standard Physical Setting Source, and is sufficient as a single reference. A copy of the Quad Map is included in the appendix.

The most recent Redlands Quadrangle Map (dated 1967, photorevised 1988) shows no physical features that are likely to have environmentally impacted the subject property. The elevation of the subject property ranged from approximately 1,800 to 2,200 feet above mean sea level (MSL) with a regional topographic gradient to the west-northwest.

3.4 <u>General Hydrogeologic Characteristics</u>

The site is located within the upper Santa Ana River Valley (DWR, 1980) in the Bunker Hill Groundwater sub-basin bounded by the San Andreas and the San Jacinto faults. Several northeast trending groundwater barriers divide portions of the basin into groundwater sub-basins. Groundwater depth measured within 1-mile east of the subject property is 150-175 feet below the ground surface. Groundwater reportedly flows west-southwest in the vicinity of the subject property. However, property specific groundwater can be influenced by several factors, and may not conform to the reported regional pattern. Shallow perched groundwater zones may also exist.

The soil underlying the area of the subject property has been characterized by the United States Department of Agriculture, Soil Survey for Southwestern San Bernardino County as Hanford coarse sandy loam; Cienaba-rock outcrop complex and Ramona sandy loam.

4.0 <u>HISTORICAL REVIEW</u>

'he site historical review is used to develop an understanding of the previous uses of the subject property and currounding area in an effort to identify the likelihood of past uses, or activities having environmentally impacted, the subject property. The historical review consisted of a search of various public and private Standard Historical Sources, as detailed in the sections below.

As defined by ASTM E1527-00, a Standard Historical Source is considered complete if the information contained within the source provides the required information back to 1940, or to the first developed use (including agricultural). Ideally, the information should be available in either 5-year intervals or site milestone events (i.e., initial construction activities, demolition activities, etc.). However, available public and private historical sources do not always fulfill this goal, in which case, the closest approximation is made based upon the sources readily available at the time of historical review.

Historical Review Summary: From the historical information review discussed below, LGC concludes that the subject property was developed with one (1) residential home and small associated outbuildings from at least 1938 through at least 1955. Most of the neighboring properties were/are undeveloped property or residential property. No dry cleaners, gasoline stations, landfills, military bases or major manufacturing businesses were identified on the subject property.

4.1 <u>Aerial Photograph Review</u>

Aerial photographs were reviewed to evaluate past land-use patterns of the subject property and vicinity. The photos were provided by the San Bernardino County Department of Public Works, Flood Control Planning Division. This review revealed the following:

- 1938: The subject property is undeveloped land, except for a small residential structure in the northwest part of the eastern portion of the site. Orchard trees are evident on the site, in the vicinity of the residence. The surrounding land to the north is sparsely developed with rural residences. To the east and west of the site is undeveloped land. To the south of the site is a highway.
- 1955: The subject property is undeveloped land, except for a small residential structure and associated outbuildings in the northwest part of the eastern portion of the site. Orchard trees are evident on the site, in the vicinity of the residence. The surrounding land to the north is sparsely developed with rural residences. To the east and west of the site is undeveloped land. To the south of the site is a highway.
- 1969: The site is vacant with no indication of previous structures. Multiple dirt roads are evident on-site. A small portion of the southeastern part of the western portion of the site appears to be disturbed. The surrounding land to the north is sparsely developed with rural residences. To the east and west of the site is undeveloped land. To the south of the site is the 10 Freeway.
- 1978: The site is vacant with no indication of previous structures. Multiple dirt roads are evident on-site. The southeastern part of the western portion of the site appears to be highly disturbed. The disturbance is located within the area identified on the Redlands quadrangle topographic map as a borrow pit. This is a small soil and/or gravel excavation unlikely to result in significant environmental impacts to the site. The surrounding land usage is also similar to that observed during the site visit. However, the residential tract to the west of the western portion of the site has not been developed.
- 1986: The site is vacant with no indication of previous structures. Multiple dirt roads are evident on-site. The southeastern part of the western portion of the site appears to be somewhat disturbed. The surrounding land usage is also similar to that observed during the site visit. However, the residential tract to the west of the western portion of the site has not been developed.
- 1991: This aerial photo depicts the site in a condition similar to that identified through observations made during the site visit. The site is vacant with no indication of previous structures. Multiple dirt roads are evident on-site. The southeastern part of the western portion of the site appears to have been disturbed in the past. The surrounding land usage is also similar to that observed during the site visit.
- 1996: The subject site and surrounding land usage appears as it did in the 1991 aerial photograph.
- 2001: The subject site and surrounding land usage appears as it did in the 1991 aerial photograph.
- 2005: The subject site and surrounding land usage appears as it did in the 1991 aerial photograph.

4.2 <u>Building Permit Review</u>

In an effort to evaluate the official construction and demolition history (if any) of the subject property, LGC contacted the San Bernardino County Building Department for permit information for the subject property. However, given that there are no addresses known to be associated with the site, no building permits were available for review.

4.3 <u>Sanborn Fire Insurance Map Review</u>

LGC attempted to review Sanborn Fire Insurance Maps for the area of the subject site, as provided by the Los Angeles Public Library (LAPL). Sanborn Maps are detailed drawings that show the location and use of structures on a given property during specific years. These maps were originally utilized by insurance companies to assess fire risk, but are now utilized as a valuable source of historical and environmental risk information. However, according to a review of LAPL resources, no maps were available for the subject site. In general, these maps were developed for areas with historical urban development, not sparsely developed rural areas such as the site vicinity.

4.4 <u>City Street Directory Review</u>

Given the lack of street addresses for the subject property, city street directories were not reviewed.

~ 5 <u>Interviews</u>

No Key Site Manager was identified to interview regarding the subject property. The owner of the four parcels which comprise the site is Redlands Development 102 LLC. A Key Site Manager (KSM) Questionnaire was forwarded to this ownership entity at the address identified in the San Bernardino County Tax Assessor's database. To date, a response to the request for the completion of the questionnaire has not been received.

4.6 <u>Recorded Land Title Records</u>

As specified in ASTM E1527-00, recorded land titles are records usually maintained by the municipal or county recorder of deeds which detail ownership fees, leases, land contracts, easements, and other encumbrances attached to or recorded against the subject property. Due to state land trust regulations and laws, land title records typically only provide trust names, owner's names, or easement holders, and not information concerning previous uses or occupants of the subject property. Additionally, environmental liens recorded against a given property are considered outside the scope of recorded land title records. Therefore, this Assessment has relied upon other standard historical information sources which are typically more informative than recorded land titles.

5.0 <u>AGENCY RECORDS REVIEW</u>

In an effort to evaluate whether the subject property or nearby sites have reported USTs, hazardous waste generation, or hazardous material releases, regulatory information from the federal, state and local agencies listed below were reviewed. The database review was provided by Environmental First Search and is reportedly the most recent database information available from each agency. A copy of the database report is included in the appendix. In addition, LGC may request state or local agency regulatory information for the subject property, targeting those agencies most likely to provide information useful for this Assessment. A discussion of the number of sites identified, and of their potential impact to the subject property, is detailed on the following pages. The primary databases reviewed with their search range criteria are listed below:

FEDERAL DATABASE	SEARCH RANGE
USEPA NPL/Superfund database:	1 mile
USEPA CERCLIS database:	½ mile
USEPA ERNS database:	18 mile
USEPA RCRIS facilities databases	
TSD Facilities:	½ mile
Corrective Action Sites:	1 mile
Generators:	¹ / ₄ mile

STATE/LOCAL DATABASE	SEARCH RANGE
State Superfund databases:	1 mile
State Landfills database:	1/2 mile
State/Local LUST databases:	½ mile
State/Local UST databases:	¼ mile
State Spills databases:	1.8 mile

LGC's Agency Records Request/Search Range:

The San Bernardino County Fire Department, Hazardous Materials Division was not contacted for information regarding the subject property given the lack of addresses available for the site, and that the site was undeveloped except for a small residence approximately fifty years ago.

5.1 <u>Review of Federally Reported Environmental Data</u>

The review of the federal environmental databases listed below attempts to identify environmental problem sites, activities, and occurrences from the records of the U.S. Environmental Protection Agency (USEPA). The detailed listing, and a map showing the location of the sites relative to the subject property, is included in the appendix.

National Priorities List (NPL) of Superfund Sites:

The NPL is the USEPA's database of hazardous waste sites currently identified and targeted for priority cleanup action under the Superfund program. A search of the NPL database identified the following number of Superfund sites within the specified database search range:

NUMBER OF SITES	NUMBER LISTED AT SUBJECT PROPERTY
None	None

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980:

Mandated as part of the 1980 Superfund Act, the CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) list is an EPA compilation of the sites investigated, or currently being investigated, for a release or potential release of a regulated hazardous substance under the CERCLA regulations. A search of the CERCLIS and CERC-NFRAP (no further remedial action planned) databases identified the following number of sites within the specified database search range:

NUMBER OF SITES	NUMBER LISTED AT SUBJECT PROPERTY
One (1)	None

One site was identified as a non-geocoded CERCLIS site, however, the location information provided in the database report shows that the CERCLIS site (Universal Rundel) is located approximately three (3) miles north of the subject site and has No Further Remedial Action Planned (NFRAP) as of 1992. Based on its distance and status, it is unlikely that the Universal Rundel site has environmentally impacted the subject property.

Emergency Response Notification System (ERNS):

The ERNS database is the historical record of reported releases of hazardous substances reported to the USEPA. A search of the ERNS database identified the following number of releases within the specified database search range:

NUMBER OF SITES	NUMBER LISTED AT SUBJECT PROPERTY
One (1)	None

One site was identified as a non-geocoded ERNS site, however, the location information provided in the database report shows that the ERNS site is located approximately 3 miles west of the subject site. This listing involved a spill of 20 gallons of acid in 1994 that was contained by Consolidated Waste. Based on its distance and status, it is unlikely that this spill site has environmentally impacted the subject property.

Resource Conservation and Recovery Act Information System (RCRIS) Treatment, Storage, and Disposal (TSD) Facilities:

The RCRA program identifies and tracks hazardous waste from generation source to the point of ultimate disposal. The RCRIS-TSD facilities database is the composite of reporting facilities that transport, store, or dispose of controlled or hazardous waste. Identification on this list does not indicate that a site has impacted the environment. A search of the RCRIS-TSD database identified the following number of facilities within the specified database search range:

NUMBER OF SITES	NUMBER LISTED AT SUBJECT PROPERTY
None	None

RCRIS Generator Facilities:

The RCRIS program identifies and tracks hazardous waste from generation source to the point of ultimate disposal. The RCRIS generator facilities database (large and small quantity generators) is the composite of reporting facilities that generate hazardous waste. Identification on this list does not indicate that a site has impacted the environment. A search of the RCRIS facilities database identified the following number of sites within the specified database search range:

NUMBER OF SITES	NUMBER LISTED AT SUBJECT PROPERTY
None	None

RCRIS Corrective Action (CORRACTS) Sites:

The CORRACTS report contains information pertaining to facilities which have conducted, or are currently conducting corrective actions as regulated by the Resource Conservation and Recovery Act. A search of the CORRACTS list identified the following number of sites within the specified database search range:

NUMBER OF SITES	NUMBER LISTED AT SUBJECT PROPERTY
None	None

5.2 <u>Review of State – Reported Environmental Data</u>

Results of the state regulatory records search follow. Each section begins with a description of the database searched and the corresponding responsible state or local agency. The detailed listing, and a map showing the location of the sites relative to the subject property, is included in the appendix.

State Sites:

The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances. A search of the CalSites list identified the following number of sites within the specified database search range:

The SMBRPD displays information in six categories. The categories are:

- 1. CalSites Properties (CS)
- 2. School Property Evaluation Program Properties (SCH)
- 3. Voluntary Cleanup Program Properties (VCP)
- 4. Unconfirmed Properties Needing Further Evaluation (RFE)
- 5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
- 6. Properties where a No Further Action Determination has been made (NFA)

NUMBER OF SITES	NUMBER LISTED AT SUBJECT PROPERTY
One (1)	None

One site was identified as a non-geocoded CalSite listing, however, the location information provided in the database report shows that the CalSite listing (Edison/Town Gas Plant Redlands II) is located approximately 2.5 miles west of the subject site, is in the Voluntary Cleanup Program and has soil contamination only. Based on its distance and status, it is unlikely that this spill site has environmentally impacted the subject property.

Leaking Underground Storage Tanks (LUSTs):

State and/or local agencies maintain inventories of LUSTs in a statewide database. A search of the LUST database identified the following number of reported LUST sites within the specified search range:

NUMBER OF SITES	NUMBER LISTED AT SUBJECT PROPERTY
None	None

State Spills Databases:

The California Hazardous Materials Incident Report System (CHMIRS) and Spill, Leaks, Investigations, and Cleanups (SLIC) databases contain information for all reported hazardous material/waste surface or groundwater contamination investigations reported in California. A search of the SLIC and CHMIRS databases identified the following number of sites within the specified database search range:

NUMBER OF SITES	NUMBER LISTED AT SUBJECT PROPERTY
None	None

Underground Storage Tanks (USTs):

USTs are regulated under Subtitle I of the RCRA, and must be registered with the State Underground Storage Tank Program. These are registered USTs only, and identification on this list does not necessarily indicate that the site has impacted the environment. A search of the UST database identified the following number of sites within the specified search range:

NUMBER OF SITES	NUMBER LISTED AT SUBJECT PROPERTY
Two (2)	None

Two sites were identified as non-geocoded UST listings but are actually the same site, however, the location information provided in the database report shows that the UST listing (Ag-Farquor Lease Wind Machine) is located on Opal Avenue approximately 1/8-mile north of the subject site, contains one (1) active UST of unknown size and has no reported release. Based on its distance and status, it is unlikely that this UST site has environmentally impacted the subject property.

Orphan Unplottable Sites:

"Orphan" sites are those which could not be plotted by Environmental First Search using conventional geo-coding methods, typically because the information provided in the original government database was unclear, incorrect or missing. A listing of orphan sites (if any) appears in the Environmental First Search database.

LGC reviewed the orphan list for sites with the same name as the subject property (if applicable) and/or the same or similar property address. This review is inherently limited by the incomplete and/or possibly incorrect data reported in the orphan listings. For orphans apparently not related to the subject property, only those obviously located adjoining or within a short distance that may affect the property are discussed. Orphan sites which are also listed in the plotted section are not re-discussed.

LGC's review of the orphan list revealed no obvious sites of concern listed at or adjoining the subject property.

5.3 Local Agency Records Search

The following is a discussion of the results of written records requests LGC made to state or local government agencies and/or personal/telephone contacts made to provide information relevant to the subject property:

San Bernardino County Fire Department, Hazardous Materials Division:

The San Bernardino County Fire Department, Hazardous Materials Division was not contacted for information regarding the site given the lack of addresses available for the subject property, and that the subject property was undeveloped except for a small residence approximately fifty years ago.

6.0 <u>SITE VISIT OBSERVATIONS</u>

6.1 <u>Surface Characteristics</u>

At the time of the May 10, 2005 site visit, the subject property consisted of a total of approximately 60acres of vacant land. Irrigation system features were observed on the western portion of the subject property. In addition, household refuse and construction debris were observed on both the eastern and western portions of the site. The irrigation features should be abandoned and the household refuse and construction debris should be removed and disposed of in accordance with current regulations. Vegetation primarily consisted of ankle to waist-high weeds, grasses and shrubs with some larger, windbreak trees along the southern boundary of the eastern portion of the subject property. The seasonal vegetation showed no signs of unnatural or chemically induced stress. Weather conditions at the time of the site visit consisted of mostly sunny skies, with temperatures in the 70s.

The eastern portion of the property is comprised of parcels 0299-213-11-0000; 0299-213-12-0000; and 0299-213-13-0000, totaling approximately 24 acres. This portion of the site contains several dirt roads and a utility-owned, subterranean high pressure natural gas line. Areas of debris, consisting of approximately 50% household refuse and 50% vegetation, were observed in several different locations. No hazardous materials or staining were identified. Some asbestos-containing pipe, however, was observed at two locations on the eastern portion of the subject property. In addition, approximately 20 cubic yards of soil from an unknown origin were stockpiled on the site. No evidence of structures, tanks or wells were present on the eastern part of the site during the site visit.

The western portion of the property is comprised of parcel 0174-281-13-0000, totaling approximately 36-acres. The eastern and western portions of the site are divided by Wabash Ave., which runs northsouth. This portion of the site also contains several dirt roads and concrete irrigation features such as vaults and a riser. Areas of debris, consisting of approximately 50 percent household refuse and 50 percent gravel and concrete, were observed in several different locations. No hazardous materials or staining were identified. One utility-owned pole-mounted transformer is located just west of Wabash Ave., on site. No evidence of leakage was noted on or around the transformer. No evidence of structures, tanks or wells were present on the western part of the site during the site visit.

6.2 <u>Wastewater and Stormwater Management</u>

Exterior surface run off from the subject property is expected to infiltrate through the site soils, as well as flow to the south and west.

6.3 <u>Potable Water Supply and Sewer Service</u>

Although structures were historically located on site, it is unknown if they utilized a septic system or sewer service. It is possible that a septic tank was associated with the former residence (last observed in aerial photographs dated 1955). If a septic system is encountered it should be properly abandoned according to current regulations. When developed in the future, the subject property will likely utilize water and sewer service supplied by the City of Redlands.

4 <u>Structure Construction</u>

No current structures are located on the subject property.

6.5 <u>Business Operations Description</u>

At the time of the site visit, the subject property was primarily undeveloped land. LGC's research indicates no dry cleaners, gasoline stations, landfills, military bases, or major manufacturing operations have occupied the subject property, although a former barn located on-site had an agricultural registration.

7.0 HAZARDOUS MATERIAL/WASTE OBSERVATIONS

7.1 <u>Hazardous Materials Handling and Storage</u>

During the on-site inspection, no significant hazardous materials handling, storage, or disposal issues were observed. Approximately 25 feet of 2-to 4-foot sections of 8-inch diameter asbestos-containing pipe were observed in two locations on the site, both on the eastern portion. In one area, the pipe was observed to be partially crushed and pieces of the pipe were observed to be strewn over approximately 100 square feet of unpaved soil.

7.2 <u>Wastestream Generation, Storage and Disposal</u>

During the inspection, no stained or discolored sinks, drains, catch basins, drip pads, or sumps were observed.

7.3 <u>Solid Waste Disposal</u>

During the site inspection, no municipal waste dumpsters were observed at the subject property.

7.4 <u>Aboveground Storage Tanks (ASTs)</u>

No ASTs were observed at the subject property.

7.5 <u>Underground Storage Tanks (USTs)</u>

No regulatory agency database information was identified which indicated the presence or former presence of a UST on the site or in the immediate vicinity. In addition, no visual or physical evidence of current or past USTs was discovered during the site visit. In particular, LGC searched for: fill pipes, vent pipes, manways, manholes, access covers, and concrete pads not homogeneous with surrounding surfaces, concrete build-up areas potentially indicating pump islands, abandoned pumping equipment, or fuel pumps.

8.0 <u>OTHER POTENTIAL ISSUES OF CONCERN</u>

8.1 <u>PCB Containing Exterior Electrical Transformers</u>

One pole-mounted, utility-owned electrical transformer was observed at the subject property along Wabash Avenue, on the western portion of the subject property. The transformer is not labeled as to its PCB-content. Given the unknown manufacture date of the transformer, the transformer may contain PCBs. If this possibly PCB-containing transformer should leak or explode, the ground surface could be impacted with PCBs. In the event of a transformer explosion or leakage, contact the utility provider (Responsible Party) to perform required mitigation of impacts. No evidence of leakage was noted on or around the transformer and it is not of any significant environmental concern in regards to the subject property.

8.2 Other PCB Containing Interior or Exterior Equipment

No structures containing potential light ballasts inside fluorescent light fixtures, or evidence of any other PCB containing equipment were noted on-site.

8.3 Suspect Asbestos Containing Materials (ACMs)

No structures containing suspect asbestos containing materials (ACMs) were identified on the subject property. However, as discussed in Section 7.1, asbestos-containing pipe was observed in two locations on the site.

8.4 Lead Based Paint (LBP)

No structures containing lead based paint (LBP) were identified on the subject property.

8.5 <u>Lead in Drinking Water</u>

No structures containing plumbing systems were identified on the subject property.

8.6 <u>Air Quality</u>

No unusual smells, odors, or visual emissions were noted during the inspection of the subject property. However, these observations are general in nature and should not be construed as an air quality assessment.

8.7 <u>Radon</u>

According to the Environmental First Search report, the general area of the site is expected to have radon levels between 0.2 and 0.8 pico Curies per liter of air (pCi/l). This level is below the EPA action level of 4.0 pCi/l. Therefore, based upon the reported subsurface characteristics of the area, the subject property exhibits a low potential for radon exposure.

8.8 <u>Railroad Right-of-Ways</u>

No railroad right-of-ways were identified on or adjoining the subject property.

9.0 <u>ADJOINING PROPERTY OBSERVATIONS</u>

As discussed below, based upon limited observations of the adjoining properties from publicly accessible locations, as well as a review of federal, state, and local environmental databases, none of the adjoining properties appeared to have environmentally impacted the subject property.

9.1 <u>Adjoining Properties Materials Storage</u>

Visual observations of the publicly accessible portions of the adjoining properties to the south, east, west and north did not indicate the exterior storage of hazardous materials or wastes. Additionally, no obvious indications of improper hazardous materials storage or unusual or suspicious materials handling or storage practices were observed. However, the rural residential property to the northeast of parcel 0299-213-13-0000, east of Wabash Avenue, presently utilizes four 55-gallon drums to hold up a property delineation post. The drums were unlabeled and closed. No staining was evident around the drums. It could not be determined if the drums were empty or full given that they were partially buried in the soil. Given the lack of staining or other evidence of leakage, it is unlikely that these drums represent a significant environmental condition of concern for the subject property.

9.2 <u>Adjoining Properties Wastestream Disposal</u>

No unusual or suspicious wastestream disposal activities were observed on the publicly accessible portions of the adjoining properties.

10.0 <u>STATEMENT OF THE ENVIRONMENTAL PROFESSIONALS</u>

This Assessment has been performed for the exclusive use and benefit of the addressee(s) identified on the cover of this report, or agents directly specified by it (them), for the transaction at issue concerning the subject property described in this report. This Assessment shall not be used or relied upon by others without the prior written consent of LGC, and of the addressee(s) named on the cover of this report.

10.1 <u>Statement of Quality Assurance</u>

I have performed this Assessment in accordance with ASTM E1527-00 and the scope of services identified in this report and the service agreement. The conclusions contained within this Assessment are based upon site conditions I readily observed and were reasonably ascertainable and present at the time of the site inspections. The findings and conclusions represent my best professional opinion and judgment.

The conclusions and recommendations stated in this report are based upon personal observations made by nployees/contractors of LGC and upon information provided by others. I have no reason to suspect or believe that the information provided is inaccurate.

Signature of Registered Environmental Assessor – Kevin M. Clark, REA #6655:



The objective of this Phase I ESA was to ascertain the potential presence or absence of RECs that could impact the subject property, as delineated in the scope of services and limitations identified in this report and in the service agreement. The procedure was to perform reasonable steps in accordance with the existing regulations, currently available technology, and generally accepted environmental consulting practices, in order to accomplish the stated objective.

Signature of Environmental Reviewer - Mark C. Bergmann, President



SITE MAPS





SITE PHOTOGRAPHS



Photo #1: East –facing view of parcel 0299-213-13-0000 of the subject site, a 60acre vacant property.



Photo #2: View of approximately 20cubic yards of soil piled on parcel 0299-213-13-0000 of the subject site. The origin of this material is unknown.



Photo #3: View of a pole-mounted transformer located on the west side of Wabash Avenue, on the site.

Phase I Environmental Site Assessment 60-Acre Property, Redlands, CA



Photo #4: View of a utility-owned high pressure natural gas pipeline that traverses the site.



Photo #5: View of a pile of refuse and vegetation debris on the eastern portion of the site.



Photo #6: View of some broken asbestos-containing pipe located on the eastern portion of the site.

Phase I Environmental Site Assessment 60-Acre Property, Redlands, CA



Photo #7: North-facing view of parcel 0299-213-11-0000.



Photo #8: East-facing view of parcel 0299-213-12-0000. An automotive seat is in view in the background



Photo #9: Another north-facing view of 0299-213-11-0000. A property line stake is in view.

Phase I Environmental Site Assessment 60-Acre Property, Redlands, CA



Photo #10: View of household refuse disposed of on the west side of parcel 0174-281-13-0000.



Photo #11: View of an irrigation feature observed on parcel 0174-281-13-0000.



Photo #12: View of another irrigation feature observed on parcel 0174-281-13-0000.

Phase I Environmental Site Assessment 60-Acre Property, Redlands, CA



Photo #13: Northwest-facing view of parcel 0174-281-13-0000.

Photo #14: North-facing view of parcel 0174-281-13-0000.





Photo #15: South-facing view of parcel 0174-281-13-0000. The 10 Freeway is visible in the background.

Phase I Environmental Site Assessment 60-Acre Property, Redlands, CA



Photo #16: North-facing view of another irrigation feature located on parcel 0174-281-13-0000.



Photo #17: North facing view of the eastern portion of parcel 0174-281-13-0000.



Photo #18: View of additional household refuse and construction debris observed in the southeast part of parcel 0174-281-13-0000.

Phase I Environmental Site Assessment 60-Acre Property, Redlands, CA



Photo #19: View of gravel piles on parcel 0174-281-13-0000.

Phase I Environmental Site Assessment 60-Acre Property, Redlands, CA

REGULATORY DATABASE SEARCH

TRACK > INFO SERVICES, LLC

Environmental FirstSearch[™] Report

TARGET PROPERTY:

UNDEVELOPED LAND

REDLANDS CA 92374

Job Number: PN1011RDLN

PREPARED FOR:

1671 Tustin Ave C-4

Costa Mesa, CA 92627

05-11-05



Tel: (323) 664-9981

Fax: (323) 664-9982

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Environmental FirstSearch Search Summary Report

Target Site: UNDEVELOPED LAND

REDLANDS CA 92374

FirstSearch Summary											
Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS	
			1.00	0		0	0	0	0	0	
NPL	Y	02-14-05	1.00	0	0	0	0	0	0	0	
CERCLIS	Y	01-18-05	0.50	0	0	0	0	-	1	1	
NFRAP	Y	06-23-04	0.12	0	0	-	-	-	0	0	
RCRA TSD	Y	02-14-05	0.50	0	0	0	0	-	0	0	
RCRA COR	Y	02-14-05	1.00	0	0	0	0	0	0	0	
RCRA GEN	Y	02-14-05	0.25	0	0	0	-	-	0	0	
RCRA NLR	Y	02-14-05	0.12	0	0	-	-	-	0	0	
ERNS	Y	12-31-04	0.12	0	0	-	-	-	1	1	
State Sites	Y	11-09-04	1.00	0	0	0	0	0	1	1	
Spills-1990	Y	07-01-03	0.12	0	0	-	-	-	0	0	
SWL	Y	01-19-05	0.50	0	0	0	0	-	0	0	
Permits	Y	02-11-04	0.12	0	0	-	-	-	0	0	
Other	Y	11-09-04	0.25	0	0	0	-	-	0	0	
REG UST/AST	Y	01-06-05	0.25	0	0	0	-	-	2	2	
Leaking UST	Y	02-07-05	0.50	0	0	0	0	-	0	0	
- TOTALS -				0	0	0	0	0	5	5	
				Notice	of Discl	aimer					

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and ean not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

Environmental FirstSearch Site Information Report

Request Date:05-11-0Requestor Name:Diane SStandard:ASTM

05-11-05 Diane Scioli Environmental ASTM Search Type: Job Number: AREA PN1011RDLN Filtered Report

TARGET ADDRESS:UNDEVELOPED LANDREDLANDS CA 92374

		Demographics		
Sites: 5		Non-Geocoded: 5	Popu	lation: NA
Radon: 0.2	- 0.8 PCI/L			
		Site Location		
	<u>Degrees (Decimal)</u>	Degrees (Min/Sec)	an a	<u>UTMs</u>
Longitude:	-117.138844	-117:8:20	Easting:	487183.308
Latitude:	34.036878	34:2:13	Northing:	3766059.072
			Zone:	11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1	Mile(s)	Services:		
ZIP Code City Name	ST Dist/Dir Sel		Requested?	Date
92373 REDLANDS 92399 YUCAIPA	CA 0.07 SW Y CA 0.64 SE Y	Sanborns Aerial Photographs Topographical Maps City Directories Title Search Municipal Reports Online Topos	No No No No No No	

Environmental FirstSearch Sites Summary Report

TAF	RGET SITE	: UNDEVELOPED LAND REDLANDS CA 92374	JOB: PN	1011RDLN
TOTAL:	5	GEOCODED: 0	NON GEOCODED: 5	SELECTED: 5
Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir <u>Map</u> ID
1	CERCLIS	UNIVERSAL RUNDEL CAD983577982/NFRAP-N	OPAL AVE-300 FT. N OF SAN B REDLANDS CA 92373	NON GC
3	ERNS	UNKNOWN 376319/HIGHWAY RELATED	WB I-10 AT TENNESSEE ST REDLANDS CA 92373	NON GC
4	STATE	EDISON/REDLANDS II (REDLANDS BL) M CAL36490113/VOLUNTARY CLEANUP PR	501-525 W. REDLANDS BL. AT REDLANDS CA 92373	NON GC
8	UST	FARQUOR LEASE WIND MCHNE TISID-STATE40431/ACTIVE	OPAL AVE REDLANDS CA 92373	NON GC
9	UST	AG-FARQUOR LEASE WINDMCNE SANBERDO87014274/NUM OF TANKS: 1	OPAL AVE REDLANDS CA 92373	NON GC

Environmental FirstSearch Site Detail Report

CERCLIS SITE							
SEARCH ID: 1	DIST/DIR:	NON GC	MAP ID:				
NAME: UNIVERSAL RUNDEL ADDRESS: OPAL AVE-300 FT. N OF SAN BER REDLANDS CA 92373 SAN BERNARDINO CONTACT: JERE JOHNSON	NARDINO AV.	REV: ID1: ID2: STATUS: PHONE:	1/18/05 CAD983577982 0900033 NFRAP-N 4159723094				
DESCRIPTION:							
ACTION/QUALITY ARCHIVE SITE	AGENCY/RPS EPA In-House	START/RAA	END 06-04-1992				
DISCOVERY	EPA Fund-Financed		10-26-1990				
PRELIMINARY ASSESSMENT High	EPA Fund-Financed		05-03-1991				
SITE INSPECTION NFRAP (No Futher Remedial Action Planned	EPA Fund-Financed		06-04-1992				

TARGET SITE:UNDEVELOPED LAND
REDLANDS CA 92374

JOB: PN1011RDLN
TARGET SITE:	UNDEVELOPEI REDLANDS CA 9	D LAND 92374		JOB: PN	1011RDLN	
EMERGENCY RESPONSE NOTIFICATION SITE						
SEARCH ID: 2		DIST/DIR:	NON GC		MAP ID:	
NAME: UNKNOWN ADDRESS: WB I-10 AT TENNE: REDLANDS CA 923 San Bernardino CONTACT:	SSEE ST 73		REV: ID1: ID2: STATU PHON	5/10/94 376319 J S: HIGHWAY E:	RELATED	
<u>SPILL INFORMATION</u> . DATE OF SPILL:	5/10/1994	TIME OF SPILL:	1609			
PRODUCT RELEASED (1): QUANTITY (1): UNITS (1):	ACID 20 GAL					
PRODUCT RELEASED (2): QUANTITY (2): UNITS (2):						
PRODUCT RELEASED (3): QUANTITY (3): UNITS (3):						
<u>MEDIUM/MEDIA AFFECTED</u> AIR: LAND: WATER: WATERBODY AFFECTED BY R	NO YES NO ELEASE:	GROUNDWATER: FIXED FACILITY: OTHER:	NO NO NO			
<u>CAUSE OF RELEASE</u> DUMPING: NATURAL PHENOMENON: OTHER CAUSE: UNKNOWN:	NO NO NO NO	EQUIPMENT FAILU OPERATOR ERROR TRANSP. ACCIDEN	JRE: R: T:	NO NO YES		
ACTIONS TAKEN: CONTAINED BY CONSOLIDATED WASTE RELEASE DETECTION: FELL OF BACK OF TRUCK MISC. NOTES:						
DISCHARGER INFORMATION DISCHARGER ID: TYPE OF DISCHARGER: NAME OF DISCHARGER: ADDRESS:	376319 UNKNOWN UNKNOWN		DUN & BRAD	STREET #:		

TARGET SITE: UNDEVE REDLANI	LOPED LAND DS CA 92374	e	IOB: PNIOTIRDEN	
STATE SITE				
SEARCH ID: 3	DIST/DIR:	NON GC	MAP ID:	
NAME: EDISON/REDLANDS II (REDLAN ADDRESS: 501-525 W. REDLANDS BL. AT K REDLANDS CA 92373 SAN BERNARDINO CONTACT:	IDS BL) MGP ENDALL	REV: ID1: ID2: STATUS: PHONE:	03/02/04 Cal36490113 Voluntary Cleanup Program	
OTHER SITE NAMES (blank below = not repo	rted by agency)			
TOWN GAS PLANT REDLANDS II	····· ··· ·· ·· ·· · · · · · · · · · ·			
BK 171, PG 3, (PART) PARCELS 16,18,19,20				
EDISON/REDLANDS II (KENDALL ST) MGP				
EDISON/REDLANDS (REDLANDS BL) MGP				
EDISON/REDLANDS II (REDLANDS) MGP				
EDISON/REDLANDS II (REDLANDS BL) MGP				
<u>GENERAL SITE INFORMATION</u> File Name (if different than site name):	TOWN GAS PLANT REDL	ANDS II		
Status: AWP Site Type: NPL Site: Fund: Status Date: Lead: Staff: DTSC Region & RWQCB #: Branch: RWQCB: Site Access: Groundwater Contamination: Number of Sources Contributing to Contaminat	VOLUNTARY CLEANUP PROGRAM VOLUNTARY CLEANUP PROGRAM N C 07302002 DEPT OF TOXIC SUBSTANCES CONTROL JABRAHAM CYPRESS SO CAL - CYPRESS SANTA ANA Uncontrolled mination at the Site: 0			
OTHER AGENCY ID NUMBERS (blank below = not reported by agency)ID SOURCE NAME, & VALUE:CALSTARS CODE 400449				
BACKGROUND INFORMATION (blank below = not reported by agency). The site was constructed in 1900 which operated as a MGP and discontinued the MGP operations in 1921. Prior to 1946, So Cal Gas Co constructed a building and installed one compressed gas storage tank at the site. The building was demolished and removed from the site prior to 1952 and the compressed gas storage tanks were removed between 1959 and 1968. The western portion of the site was developed in the 1950s and 1960s. The building that is currently occupied by Big O Tire Center was constructed between 1952 and 1958. The eastern portion of the site was developed in 1986 into a commercial mall.				
INFORMATION ON SPECIAL PROGRAMS THE SITE IS ASSOCIATED WITH (blank below = not reported by agency). TOWN GAS				
PROJECTED ACTIVITIES (blank below = not reported by agency) Activity: //SE, IORSE, FFA, FFSRA, VCA, EA				
- Continued on next page -				

UNDEVELOPED LAND

TARGET SITE:

JOB: PN1011RDLN

REDLANDS CA 92374				
STATE SITE				
SEARCH ID: 3	DIST/DIR:	NON GC	MAP ID:	
NAME: EDISON/REDLANDS II (REDLAN ADDRESS: 501-525 W. REDLANDS BL. AT KI REDLANDS CA 92373 SAN BERNARDINO	DS BL) MGP ENDALL	REV: ID1: ID2: STATUS: PHONE:	03/02/04 CAL36490113 VOLUNTARY CLEANUP PROGRAM	
		THORE.		
Activity Status: Completion Due Date: Revised Completion Due Date: Date Activity Actually Completed: Yards of Solids Removed: Yards of Solids Treated: Gallons of Liquid Removed: Gallons of Liquid Treated:	VOLUNTARY CLEANUP F 05101994 0 0 0 0 0	ROGRAM		
Activity: Aetivity Status: Completion Due Date: Revised Completion Due Date: Date Activity Actually Completed: Yards of Solids Removed: Yards of Solids Treated: Gallons of Liquid Removed: Gallons of Liquid Treated:	REMOVAL ACTION WOI VOLUNTARY CLEANUP F 09112003 0 0 0 0	RKPLAN ROGRAM		
Activity: Activity Status: Completion Due Date: Revised Completion Due Date: Date Activity Actually Completed: Yards of Solids Removed: Yards of Solids Treated: Gallons of Liquid Removed: Gallons of Liquid Treated:	CEQA INCLUDING NEG VOLUNTARY CLEANUP P 12312003 09112003 0 0 0 0 0	ATIVE DECS ROGRAM		
Activity: Activity Status: Completion Due Date: Revised Completion Due Date: Date Activity Actually Completed: Yards of Solids Removed: Yards of Solids Treated: Gallons of Liquid Removed: Gallons of Liquid Treated:	PRELIMINARY ENDANC VOLUNTARY CLEANUP F 04211995 0 0 0 0	G ERMENT ASSESSME PROGRAM	NT	
Activity: Activity Status: Completion Due Date: Revised Completion Due Date: Date Activity Actually Completed: Yards of Solids Removed: Yards of Solids Treated: Gallons of Liquid Removed: Gallons of Liquid Treated:	<i>I/SE, IORSE, FF A, FFSR</i> <i>VOLUNTARY CLEANUP F</i> <i>12051996</i> <i>0</i> <i>0</i> <i>0</i> <i>0</i>	A, VCA, EA ROGRAM		
Activity: Activity Status:	REMEDIAL INVESTIGA Voluntary cleanup f	TION / FEASIBILITY S PROGRAM - C	STUDY Sontinued on next page -	

TARGET SITE: UNDEVEI REDLAND	LOPED LAND S CA 92374	J	OB: PN1011RDLN	
STATE SITE				
SEARCH ID: 3	DIST/DIR: N	NON GC	MAP ID:	
NAME: EDISON/REDLANDS II (REDLANI ADDRESS: 501-525 W. REDLANDS BL. AT KE REDLANDS CA 92373 SAN BERNARDINO CONTACT:	DS BL) MGP SNDALL	REV: ID1: ID2: STATUS: PHONE:	03/02/04 CAL36490113 VOLUNTARY CLEANUP PROGRAM	
Completion Due Date: Revised Completion Due Date: Date Activity Actually Completed: Yards of Solids Removed: Yards of Solids Treated: Gallons of Liquid Removed: Gallons of Liquid Treated:	03191999 0 0 0 0 0			
Activity: Activity Status: Completion Due Date: Revised Completion Due Date: Date Activity Actually Completed: Yards of Solids Removed: Yards of Solids Treated: Gallons of Liquid Removed: Gallons of Liquid Treated:	AMENDED ORDER/AGREEA VOLUNTARY CLEANUP PRO 12171998 0 0 0 0 0	MENT, CHAPTER 6 GRAM	5.5 TRANSITION	
Activity: Activity Status: Completion Due Date: Revised Completion Due Date: Date Activity Actually Completed: Yards of Solids Removed: Yards of Solids Treated: Gallons of Liquid Removed: Gallons of Liquid Treated:	<i>USE, IORSE, FFA, FFSRA, V VOLUNTARY CLEANUP PRO</i> 07302002 0 0 0	'CA, EA GRAM		
Activity: Activity Status: Completion Due Date: Revised Completion Due Date: Date Activity Actually Completed: Yards of Solids Removed: Yards of Solids Treated: Gallons of Liquid Removed: Gallons of Liquid Treated:	REMOVAL ACTION VOLUNTARY CLEANUP PRO 09302004 0 0 0 0	GR4M		
Activity: Activity Status: Completion Due Date: Revised Completion Due Date: Date Activity Actually Completed: Yards of Solids Removed: Yards of Solids Treated: Gallons of Liquid Removed: Gallons of Liquid Treated:	CERTIFICATION VOLUNTARY CLEANUP PRO 12302004 0 0 0 0	GRAM		
DTSC COMMENTS REGARDING THIS SITE (blank below = not reported by agency) Comments Date: : DTSC completed review of the Draft Health Risk Assessment (HRA) report dated 11/13/98. DTSC mailed the comments. DTSC				

- Continued on next page -

SEARCH ID: 3 NAME: EDISON/REDLANDS II (REDLAND ADDRESS: 501-525 W. REDLANDS BL. AT KE REDLANDS CA 92373 SAN BERNARDINO CONTACT: received the Draft Feasibility Study (FS) report. Th Assessment. Simultaneously. DTSC filed the CEQAC Declaration (ND). Prior to approval of the RAW, a. comments on the FS report to the RP. DTSC receive approved the RI/FS with certain conditions to be con contaminated soil and thermal desorption is the pro- purposes. DTSC completed its tasks under the curre conditionally approved the FS report. The condition direction during remedial activities. RP should cond benzene, tuluene, ethyl benzene and xylene (BTEX). need of soil excavation around Boring RI-21. Boring Should include this this sampling effort. 2. During J Chromium VI. The RAW should discuss this samplin concentrationof 0.9 mg/kg remains at the site. a pos should summarize the results of the FS, and after DI should be completed before the final approval of RA 95/95-079) has been completed. Another agreement Endangerment Assessment Report for the Former Re conducted. RP entered into a VCA with DTSC to pre completed Removal Action Workplan (RAW) and Ne (NOD) of a CEQA was signed on 9/11/03. Removal offsite thermal disoption. Approximately 40,000 cul signed a Consent Order providing for DTSC oversig Remedial Investigation Workplan was approved. So samples were collected.	SLOPED LAND OS CA 92374	J	OB: PN1011RDLN			
SEARCH ID: 3 NAME: EDISON/REDLANDS II (REDLAND ADDRESS: 501-525 W. REDLANDS BL. AT KE REDLANDS CA 92373 SAN BERNARDINO CONTACT: received the Draft Feasibility Study (FS) report. Th Assessment. Simultaneously, DTSC filed the CEQAC Declaration (ND). Prior to approval • f the RAW, a. comments on the FS report to the RP. DT SC received approved the RI/FS with certain conditions to be con- contaminated soil and thermal desorption is the pro- purposes. DTSC completed its tasks under the curre- conditionally approved the FS report. The condition direction during remedial activities. RP should cond- benzene, tuluene, ethyl benzene and xy-lene (BTEX). need of soil excavation around Boring RI-21, Boring should include this this sampling effort. 2. During of Chromium VI. The RAW should discuss this samplin concentrationof 0.9 mg/kg remains at the site. a pos- should summarize the results of the FS, and after DT should be completed hore the final approval of RA 95/95-079) has been completed. Another agreement Endangerment Assessment Report for the Former Re conducted. RP entered into a VCA with DTSC to prec completed Removal Action Workplan (RAW) and Ne (NOD) of a CEQA was signed on 9/11/03. Removal offsite thermal disoption. Approximately 40,000 cul- signed a Consent Order providing for DTSC oversig Remedial Investigation Workplan was approved. So samples were collected.	STATE SITE					
NAME: EDISON/REDLANDS II (REDLAND ADDRESS: 501-525 W. REDLANDS BL. AT KE REDLANDS CA 92373 SAN BERNARDINO CONTACT: received the Draft Feasibility Study (FS) report. Th Assessment. Simultaneously. DTSC filed the CEQAC Declaration (ND). Prior to approval •f the RAW, a. comments on the FS report to the RP. DTSC receive approved the RI/FS with certain conditions to be con contaminated soil and thermal desorption is the pro- purposes. DTSC completed its tasks under the curre conditionally approved the FS report. The condition direction during remedial activities. RP should cond benzene, tuluene, ethyl benzene and xylene (BTEX). need of soil excavation around Boring RI-21, Boring Chromiam VI. The RAW should discuss this samplin concentrationof 0.9 mg/kg remains at the site. a pos should summarize the results of the FS, and after DI should be completed before the final approval of RA 95/95-079) has been completed. Another agreement Endangerment Assessment Report for the Former Re conducted. RP entered into a VCA with DTSC to pre completed Removal Action Workplan (RAW) and Ne (NOD) of a CEQA was signed on 9/11/03. Removal offsite thermal disoption. Approximately 40,000 cul signed a Consent Order providing for DTSC oversig Remedial Investigation Workplan was approved. So samples were collected.	DIST/DIR:	NON GC	MAP ID:			
received the Draft Feasibility Study (FS) report. Th Assessment. Simultaneously. DTSC filed the CEQA of Declaration (ND). Prior to approval of the RAW, a. comments on the FS report to the RP. DTSC receive approved the RI/FS with certain conditions to be con- contaminated soil and thermal desorption is the pro- purposes. DTSC completed its tasks under the curre- conditionally approved the FS report. The condition direction during remedial activities. RP should cond- benzene, tuluene, ethyl benzene and xylene (BTEX). need of soil excavation around Boring RI-21, Boring should include this this sampling effort. 2. During i Chromium VI. The RAW should discuss this samplin concentrationof 0.9 mg/kg remains at the site. a pos- should summarize the results of the FS, and after DI should be completed before the final approval of RA 95/95-079) has been completed. Another agreement conducted. RP entered into a VCA with DTSC to pre- completed Removal Action Workplan (RAW) and Ne (NOD) of a CEQA was signed on 9/11/03. Removal offsite thermal disoption. Approximately 40,000 cul signed a Consent Order providing for DTSC oversig Remedial Investigation Workplan was approved. So samples were collected.	VDS BL) MGP ENDALL	REV: ID1: ID2: STATUS: PHONE:	03/02/04 CAL36490113 VOLUNTARY CLEANUP PROGRAM			
	The amended agreement was si 4 documents. A Notice of Dete as required, a Fact Sheet was ved addendum report in respo completed during Remedial A c coposed remedy. Treated soil rent agreement. A new agreen ions are as follows: 1. As pro- nduct additional confirmation 3. The confirmation sampling ing RI-21. DTSC requires furth gremedial activities, it is the I ing effort with appropriate tes set remediation health risk ass DTSC s acceptance makes it an RAW. DTSC is considering ent is to be completed for furth Redlands II Manufactured Gas repare a RAW and to impleme Negative Declaration (ND). Tr al action will occur with the ac ubic yards of contaminatedsoi ight of a Remedial Investigatio voil sampling was conducted a	gned on 12/17/98. DTSC mination (NOD) was file mailed to the public and a nse to the FS comments. I ion Workplan (RAW). Sit vill be properly disposed ment should be signed for soosed if RP extends the ex- asophing. The chemicals should be inside the ex- er sampling at this location of s responsibility to cond- ing methods. 3. If any sa essment should be prepar- ailable for public review. the scope of work under t re remediation activities. Plant site. The Department at a removal action under the RAW and ND wer appr ljacent Redlands I site. T will be removed from the m/Feasibility, including a the site. A total of 15 soor	approved the RAW and Human Health Risk d with the state clearinghouse for a Negative a public notice was published. DTSC sent the DTSC approved the Final HRA. DTSC te is contaminated with PAHs. Excavation of off-site. Site will then be used for residential further remediation activities. DTSC acavation north of boring RI-2 in a southerly included in the confirmation sampling are ration area near Boring RI-21. However, if no on as explained in the response. The RAW but appropriate confirmation sampling for ils greater than benzo(a)pyrene equivalent ed and submitted to DTSC. 4. The RAW Appropriate public participation activities he current agreement (Docket No. HSA The Department reviewed the Preliminary ent recommends that further work be the oversight of DTSC. CEQA - ND: DTSC oved on 9/11/03. The Notice of Determination he proposed cleanup option is excavation and ese two sites together. DTSC and Edison Health Risk Assessment for the site. il borings were drilled and a total of 30			

PN1011RDLN

JOB:

REDLANDS CA 92374 REGISTERED UNDERGROUND STORAGE TANKS **SEARCH ID: 5 DIST/DIR:** NON GC MAP ID: FARQUOR LEASE WIND MCHNE **REV:** NAME: 01/01/94 TISID-STATE40431 ADDRESS: OPAL AVE ID1 REDLANDS CA 92373 ID2: SAN BERNARDINO STATUS: ACTIVE CONTACT: PHONE:

UNDEVELOPED LAND

UST HISTORICAL DATA

TARGET SITE:

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names & locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are eity or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this ease, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA. UST lists or never registered with a CUPA.

TARGET SITE:UNDEVELOPED LAND
REDLANDS CA 92374

JOB: PN1011RDLN

REGISTERED UNDERGROUND STORAGE TANKS						
SEARCH ID: 4	DIST/DIR:	NON GC	MAP ID:			
NAME:AG-FARQUOR LEASE WINDMCNEADDRESS:OPAL AVEREDLANDS CA 92373SAN BERNARDINOCONTACT:RAMIREZ, J J (LEASED)		REV: ID1: ID2: STATUS: PHONE:	07/06/2000 SANBERDO87014274 NUM OF TANKS: 1 714 7925934			
CONTACT: RAWREZ, J J (LEASED) PHONE: //14 /923934 SAN BERNARDINO COUNTY TANKS LIST INFORMATION Number of Tanks: / Permit Category: 222800 Owner Name: RAMIREZ, J J (LEASED) Owner Phone Nnmber: 0000000 Owner Address: P O BOX205 BRYN MAWR, CA 92318						

Environmental FirstSearch Federal Database Descriptions

ASTM Databases:

CERCLIS: Comprehensive Environmental Response Compensation and Liability Information System. The EPA's database of current and potential Superfund sites currently or previously under investigation. Source: Environmental Protection Agency.

Updated quarterly.

CERCLIS-NFRAP (Archive): Comprehensive Environmental Response Compensation and Liability Information System Archived Sites. The Archive designation means 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). 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.

Updated quarterly.

ERNS: *Emergency Response Notification System*. The EPA's database of emergency response actions. Source: Environmental Protection Agency. Data since January, 2001, has been received from the National Response Center as the EPA no longer maintains this data.

Updated quarterly.

FINDS: The Facility Index System. The EPA's Index of identification numbers associated with a property or facility which the EPA has investigated or has been made aware of in conjunction with various regulatory programs. Each record indicates the EPA office that may have files on the site or facility. Source: Environmental Protection Agency.

Updated semi-annually.

NPL: National Priority List. The EPA's list of confirmed or proposed Superfund sites. Source: Environmental Protection Agency.

Updated quarterly.

RCRIS: Resource Conservation and Recovery Information System. The EPA's database of registered hazardous waste generators and treatment, storage and disposal facilities. Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List). Source: Environmental Protection Agency.

RCRA TSD: Resource Conservation and Recovery Information System Treatment, Storage, and Disposal Facilities. The EPA's database of RCRIS sites which treat, store, dispose, or incinerate hazardous waste. This information is also reported in the standard RCRIS detailed data.

ASTM Database Descriptions (continued):

RCRA COR: Resource Conservation and Recovery Information System Corrective Action Sites. The EPA's database of RCRIS sites with reported corrective action. This information is also reported in the standard RCRIS detailed data.

RCRA GEN: Resource Conservation and Recovery Information System Large, Small, and Very Small Quantity Generators. The EPA's database of RCRIS sites that create hazardous waste or meet other RCRA requirements. Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List).

RCRA NLR: Resource Conservation and Recovery Information System sites No Longer Regulated. FirstSearch s proprietary database of Resource Conservation and Recovery Information System s that the EPA cannot categorize.

All RCRA databases are Updated quarterly

Environmental FirstSearch Federal Database Descriptions

Non-ASTM Databases:

HMIRS: *Hazardous Materials Incident Response System*. This database contains information from the US Department of Transportation regarding materials, packaging, and a description of events for tracked incidents.

Updated quarterly.

NCDB: National Compliance Database. The National Compliance Data Base System (NCDB) tracks regional compliance and enforcement activity and manages the Pesticides and Toxic Substances Compliance and Enforcement program at a national level. The system tracks all compliance monitoring and enforcement activities from the time an inspector conducts and inspection until the time the inspector closes or the case settles the enforcement action. NCDB is the national repository of the 10 regional and Headquarters FIFRA/TSCA Tracking System (FTTS). Data collected in the regional FTTS is transferred to NCDB to support the need for monitoring national performance of regional programs.

Updated quarterly

NPDES: National Pollution Discharge Elimination System. The EPA's database of all permitted facilities receiving and discharging effluents. Source: Environmental Protection Agency.

Updated semi-annually.

NRDB: National Radon Database. The NRDB was created by the EPA to distribute information regarding the EPA/State Residential Radon Surveys and the National Residential Radon Survey. The data is presented by zipcode in Environmental FirstSearch Reports. Source: National Technical Information Service (NTIS)

Updated Periodically

Nuclear: The Nuclear Regulatory Commission"s (NRC) list of permitted nuclear facilities.

Updated Periodically

PADS: PCB Activity Database System

The EPA's database PCB handlers (generators, transporters, storers and/or disposers) that are required to notify the EPA, the rules being similar to RCRA. This database indicates the type of handler and registration number. Also included is the PCB Transformer Registration Database.

Updated semi-annually.

Receptors: 1995 TIGER census listing of schools and hospitals that may house individuals deemed sensitive to environmental discharges due to their fragile immune systems.

Updated Periodically

Non-ASTM Database Descriptions (continued):

RELEASES: Air and Surface Water Releases. A subset of the EPA's ERNS database which have impacted only air or surface water.

Updated semi-annually.

Soils: This database includes the State Soil Geographic (STATSGO) data for the conterminous United States from the United States Geographical Survey (USGS).. It contains information regarding soil characteristics such as water capacity, percent clay, organic material, permeability, thickness of layers, hydrological characteristics, quality of drainage, surface, slope, liquid limit, and the annual frequency of flooding. National Resources Conservation Services Soil Survey Geographic(SSURGO) database, and the USGS Digital Data Series bedrock data.

Updated annually

TRIS: Toxic Release Inventory System. The EPA's database of all facilities that have had or may be prone to toxic material releases. Source: Environmental Protection Agency.

Updated semi-annually.

Federal Wells: The United State Geographic Survey(USGS) Groundwater Inventory Sites

Updated annually

ENVIRONMENTAL FIRST SEARCH CALIFORNIA DATABASES (DB) AND SOURCES

SMBRPD / CAL SITES: DB TYPE = STATE (STATE SITES) or OTHER (Other Sites)

Source: The CAL EPA, Depart. Of Toxic Substances Control Phone: (916) 323-3400

The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as \Box CalSites, \Box is used primarily by DTSC \Box s staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

The SMBRPD displays information in six categories. The categories are:

- 1. CalSites Properties (CS)
- 2. School Property Evaluation Program Properties (SCH)
- 3. Voluntary Cleanup Program Properties (VCP)
- 4. Unconfirmed Properties Needing Further Evaluation (RFE)

Please Note: FirstSearch Reports list the above sites as DB Type (STATE).

5. Unconfirmed Properties Referred to Another Local or State Agency (REF) 6. Properties where a No Further Action Determination has been made (NFA) **Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).**

Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMPBRD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program.

CORTESE: DB TYPE = STATE (STATE SITES)

Source: The CAL EPA, Department of Toxic Substances Control Phone: (916) 445-6532

Pursuant to Government Code Section 65962.5, the Hazardous Waste and Substances Sites List has been compiled by Cal/EPA, Hazardous Materials Data Management Program. The CAL EPA Dept. of Toxic Substances Control compiles information from subsets of the following databases to make up the CORTESE list:

 The Dept. of Toxic Substances Control; contaminated or potentially contaminated hazardous waste sites listed in the CAL Sites database. Formerly known as ASPIS are included (CALSITES formerly known as ASPIS).
 The California State Water Resources Control Board; listing of Leaking

Underground Storage Tanks are included (LTANK)

3. The California Integrated Waste Management Board; Sanitary Landfills which have evidence of groundwater contamination or known migration of hazardous materials (formerly WB-LF, now AB 3750).

Note: Track Info Services collects each of the above data sets individually and lists them separately in the following First Search categories in order to provide more current and comprehensive information: CALSITES: SPL, LTANK: LUST, WB-LF: SWL

SWIS SOLID WASTE INFORMATION SYSTEM: DB TYPE = SWL

Source: The Integrated Waste Management Board Phone:(916) 255-2331

The California Integrated Waste Management Board maintains a database on solid waste facilities, operations, and disposal sites throughout the state of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites. For more information on individual sites call the number listed above.

Please Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.

WMUDS: DB TYPE = SW (SOLID WASTE RELATED SITES)

Source: The State Water Resources Control Board Phone:(916) 227-4365

The State Water Resources Control Board maintained the Waste Management Unit Database System (WMUDS). It is no longer updated. It tracked management units for several regulatory programs related to waste management and its potential impact on groundwater. Two of these programs (SWAT & TPCA) are no longer on-going regulatory programs as described below. Chapter 15 (SC15) is still an on-going regulatory program and information is updated periodically but not to the WMUDS database. The WMUDS System contains information from the following agency databases: Facility, Waste Management Unit (WMU), Waste Discharger System (WDS), SWAT, Chapter 15, TPCA, RCRA, Inspections, Violations, and Enforcement's.

Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.

ORANGE COUNTY LANDFILLS: DB TYPE = SW (SOLID WASTE RELATED SITES)

Source: Orange County Health Dept. Phone: (714) 834-3536

LUSTIS: DB TYPE = LU (LEAKING UNDERGROUND STORAGE TANKS)

Source: The State Water Resources Control Board Phone: (916) 227-4416

The State Water Resources Control Board maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks. Information for this database is collected from the states regional boards quarterly and integrated with this database.

SAN DIEGO COUNTY LEAKING TANKS: DB TYPE = LU

(LEAKING UNDERGROUND STORAGE TANKS) Source: San Diego County Dept. of Environmental Health Phone:(619) 338-2242

Maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks within its HE17/58 database. For more information on a specific file call the HazMat Duty Specialist at phone number listed above.

SLIC REGIONS 1 - 9: DB TYPE = SP (SPILLS-90)

Source: The CAL EPA Regional Water Quality Control Boards 1 - 9

The California Regional Water Quality Control Boards maintain report of sites that have records of spills, leaks, investigation, and cleanups. For phone number listings of departments within each region visit their web sites at: http://www.swrcb.ca.gov/regions.html

SAN DIEGO COUNTY HE17 PERMITS: DB TYPE = PE (PERMITS)

Source: The San Diego County Depart. Of Environmental Health Phone: (619) 338-2211

The HE17/58 database tracks establishments issued permits and the status of their permits in relation to compliance with federal, state, and local regulations that the County oversees. It tracks if a site is a hazardous waste generator, TSD, gas station, has underground tanks, violations, or unauthorized releases. For more information on a specific file call the HazMat Duty Specialist at the phone number listed above.

SAN BERNARDINO COUNTY HAZARDOUS MATERIALS PERMITS: DB TYPE = PE TRMITS)

Source: San Bernardino County Fire Dept. Phone: (909) 387-3080

Handlers and Generators Permit Information Maintained by the Hazardous Materials Div.

LA COUNTY SITE MITIGATION COMPLAINT CONTROL LOG: DB TYPE = OT

(OTHER UNIQUE DATABASES) Source: The Los Angeles County Hazardous Materials Division Phone: (323) 890-7806

The County of Los Angeles Public Health Investigation Compliant Control Log

ORANGE COUNTY INDUSTRIAL SITE CLEANUPS: DB TYPE = OT (OTHER UNIQUE DATABASES) Source: Orange County Environmental Health Agency Phone:(714) 834-3536

AST ABOVEGROUND STORAGE TANKS: DB TYPE = US (UNDERGROUND STORAGE TANKS) Source: The State Water Resources Control Board Phone:(916) 227-4364

The Above Ground Petroleum Storage Act became State Law effective January 1, 1990. In general, the law requires owners or operators of AST's with petroleum products to file a storage statement and pay a fee by July 1, 1990 and every two years thereafter, take specific action to prevent spills, and in certain instances implement a groundwater monitoring program. This law does not apply to that portion of a tank facility associated with the production oil and regulated by the State Division of Oil and Gas of the Dept. of Conservation.

SWEEPS / FIDS STATE REGISTERED UNDEGROUND STORAGE TANKS: DB TYPE = US Source: CAL EPA Dept of Toxic Substances Control Phone:(916)227-4404

Until 1994 the State Water Resources Control Board maintained a database of registered underground storage tanks statewide referred to as the SWEEPS System. The SWEEPS UST information was integrated with the CAL EPA's Facility Index System database (FIDS) which is a master index of information from numerous California agency environmental databases. That was last updated in 1994. Track Info Services included the UST information from the FIDS database in its First Search reports for historical purposes to help its clients identify where tanks may possibly have existed. For more information on specific sites from individual paper files archived at the State Water Resources Control Board call the number listed above.

INDIAN LANDS UNDERGROUND STORAGE TANKS LIST: DB TYPE = US Source: US EPA Region 9 Underground Storage Tank Program Phone: (415) 972-3372

A listing of underground storage tanks currently on Indian Lands under federal jurisdiction. California Indian Land USTS are administered by US EPA Region 9. For more information contact Jonathan Leong at the number listed above.

CUPA DATABASES DESCRIPTIONS (DB TYPE = US (UNDERGROUND STORAGE TANKS)

DEFINITION OF A CUPA: A Certified Unified Program Agency (CUPA) is a local agency that has been certified by the CAL EPA to implement six state environmental programs within the local agency's jurisdiction. These can be a county, city, or JPA (Joint Powers Authority). This program was established under the amendments to the California Health and Safety Code made by SB 1082 in 1994.

A Participating Agency (PA) is a local agency that has been designated by the local CUPA to administer one or more Unified Programs within their jurisdiction on behalf of the CUPA. A Designated Agency (DA) is an agency that has not been certified by the CUPA but is the responsible local agency that would implement the six unified programs until they are certified.

Please Note: Track Info Services, LLC collects and maintains information regarding Underground Storage Tanks from majority of the CUPAS and Participating Agencies in the State of California. These agencies typically do not maintain nor release such information on a uniform or consistent schedule; therefor, currency of the data may vary. Please look at the details on a specific site with a UST record in the First Search Report to determine the actual currency date of the record as provided by the relevant agency. Numerous efforts are made on a regular basis to obtain updated records.

ALAMEDA COUNTY CUPA'S

* County of Alameda Department of Environmental Health * Cities of Berkeley, Fremont, Hayward, Livermore / Pleasanton, Newark, Oakland, San Leandro, Union ALPINE COUNTY CUPA * Health Department (Only updated by agency annually) AMADOR COUNTY CUPA * County of Amador Environmental Health Department BUTTE COUNTY CUPA * County of Butte Environmental Health Division (Only updated by agency biannually) CALAVERAS COUNTY CUPA * County of Calaveras Environmental Health Department COLUSA COUNTY CUPA * Environmental Health Dept. CONTRA COSTA COUNTY CUPA * Hazardous Materials Program DEL NORTE COUNTY CUPA (US) * Department of Health and Social Services EL DORADO COUNTY CUPA'S * County of El Dorado Environmental Health - Solid Waste Div (Only updated by agency annually) * County of El Dorado EMD Tahoe Division (Only updated by agency annually) FRESNO COUNTY CUPA * Haz. Mat and Solid Waste Programs GLENN COUNTY CUPA * Air Pollution Control District HUMBOLDT COUNTY CUPA (US) * Environmental Health Division IMPERIAL COUNTY CUPA (US) * Department of Planning and Building INYO COUNTY CUPA (US) * Environmental Health Department

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KERN COUNTY CUPA (US)
* County of Kern Environmental Health Department
* City of Bakersfield Fire Department
KINGS COUNTY CUPA (US)
* Environmental Health Services
LAKE COUNTY CUPA (US)
* Division of Environmental Health
LASSEN COUNTY CUPA (US)
* Department of Agriculture
LOS ANGELES COUNTY CUPA'S (US)
* County of Los Angeles Fire Department
* County of Los Angeles Environmental Programs Division
* Cities of Burbank, El Segundo, Glendale, Long Beach/Signal Hill, Los
Angeles, Pasadena, Santa Fe Springs, Santa Monica, Torrance, Vernon
MADERA COUNTY CUPA (US)
* Environmental Health Department
MARIN COUNTY CUPA (US)
* County of Marin Office of Waste Management
* City of San Rafael Fire Department
MARIPOSA COUNTY CUPA (US)
* Health Department
MENDOCINO COUNTY CUPA (US)
* Environmental Health Department
MERCED COUNTY CUPA (US)
* Division of Environmental Health
MODOC COUNTY CUPA (US)
* Department of Agriculture
MONO COUNTY CUPA (US)
* Health Department
MONTEREY COUNTY CUPA (US)
* Environmental Health Division
NAPA COUNTY CUPA (US)
* Hazardous Materials Section
NEVADA COUNTY CUPA (UST)
* Environmental Health Department
ORANGE COUNTY CUPA'S (US)
* County of Orange Environmental Health Department
* Cities of Anaheim, Fullerton, Orange, Santa Ana
* County of Orange Environmental Health Department
PLACER COUNTY CUPA (US)
* County of Placer Division of Environmental Health Field Office
* Tahoe City
* City of Roseville Roseville Fire Department
PLUMAS COUNTY CUPA (UST)
* Environmental Health Department
RIVERSIDE COUNTY CUPA (US)
* Environmental Health Department
SACRAMENTO COUNTY (US)
* County Environmental Mgmt Dept, Haz. Mat. Div.
SAN BENITO COUNTY CUPA (US)
* City of Hollister Environmental Service Department
SAN BERNARDINO COUNTY CUPA'S (US)
* County of San Bernardino Fire Department, Haz. Mat. Div.
* City of Hesperia Hesperia Fire Prevention Department
City of Victorville Victorville Fire Department
SAN DIEGO COUNTY CUPA (US)
* The San Diego County Dept. of Environmental Health HE 17/58
SAN FRANCISCO COUNTY CUPA (US)
* Department of Public Health
SAN JOAQUIN COUNTY CUPA (US)
* Environmental Health Division
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SAN LUIS OBISPO COUNTY CUPA'S (US)
* County of San Luis Obispo Environmental Health Division
* City of San Luis Obispo City Fire Department
SAN MATEO COUNTY CUPA (US)
 Environmental Health Department
SANTA BARBARA COUNTY CUPA (US)
* Co Fire Dept Protective Services Div
SANTA CLARA COUNTY CUPA'S (US)
* County of Santa Clara Hazardous Materials Compliance Division
* Santa Clara Co Central Fire Prot. Dist. (Covers Campbell, Cupertino,
Los Gatos, & Morgan Hill)
* Cities of Gilroy, Milpitas, Mountain View, Palo Alto, San Jose Fire,
Santa Clara, Sunnyvale
SANTA CRUZ COUNTY CUPA (US)
* Environmental Health Department
SHASTA COUNTY CUPA (US)
* Environmental Health Department
SIERRA COUNTY CUPA (US)
* Health Department
SISKIYOU COUNTY CUPA (US)
* Environmental Health Department
SONOMA COUNTY CUPA'S (US)
* County of Sonoma Department Of Environmental Health
* Cities of Healdsburg / Sebastapol, Petaluma, Santa Rosa
STANINSLAUS COUNTY CUPA (US)
* Dept. of Env. Rsrcs. Haz. Mat. Div.
SUTTER COUNTY CUPA (US)
* Department of Agriculture
TEHAMA COUNTY CUPA (US)
* Department of Environmental Health
TRINITY COUNTY CUPA (US)
* Department of Health
TULARE COUNTY CUPA (US)
* Environmental Health Department
TUOLUMNE COUNTY CUPA (US)
* Environmental Health
VENTURA COUNTY CUPA'S (BWT UST'S & CERTIFIED UST'S)
* County of Ventura Environmental Health Division
* Cities of Oxnard, Ventura
YOLO COUNTY CUPA (US)
* Environmental Health Department
YUBA COUNTY CUPA (US)
* Yuba County of Emergency Services
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CORRESPONDENCE

May 16, 2005

Redlands Dev. 102 LLC 4721 Riverwalk Parkway Riverside, CA 92505

RE: 4 Parcels in Redlands, San Bernardine, County, CA

To Whom It May Concern:

LGC Inland Inc. is preparing an environmental assessment report of the properties described as 0174-281-13-0000; 0299-213-11-0000; 0299-213-12-0000 and 0299-213-13-0000. The enclosed questionnaires are a part of the assessment process. Please complete one questionnaire for each parcel, to the best of your ability and return it to me by fax as soon as possible (949) 650-7583. I can be reached for questions at (949) 230-1286.

Regards,

Diane Sciøli, REA LGC Inland, Inc.

MISCELLANEOUS

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buildings, they may contain lead paint and/or asbestos. These two parcels likewise were not identified in any of the environmental regulatory databases searched as part of the previous ESA.

In conclusion, this evaluation has revealed no evidence of recognized environmental conditions in connection with the referenced five parcels of land, except possibly the presence of lead paint and/or asbestos in site structures located on the two parcels contiguous to the north of Parcel 2. Notwithstandingly, it is M&A's opinion that this condition, if it does exist, is manageable and that the five parcels of land are suitable for their intended purposes.

If you have any questions in regard to the information conveyed herewith, please call the undersigned.

Sincerely,

Win CHI

William C. Hass, P.E. Senior Engineer

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Attachments

cc: MA-2003-99 File

M&A Meredith&Associates, Inc.



9841 Airport Boulevard, Suite 1010 Los Angeles, CA 90045-5409

telephone: 310.670.9221 fax: 310.670.9512 web: www.meredith-associates.com

19 September 2003

Ms. Toby Waxman Director of Engineering & Land Development **GRIFFIN INDUSTRIES** 24005 Ventura Boulevard Calabasas, California 91302

Re: Additional Properties for Evaluation (APNs 174-281-033, 174-281-034, 174-281-035, and 299-213-021 and 299-213-014), Redlands, California

Dear Ms. Waxman:

Per your request on 16 September 2003, Meredith & Associates (M&A) performed an environmental evaluation of five parcels of land, three (APNs 174-281-033, 174-281-034, and 174-281-035) contiguous on the west of Parcel 1 and two (APNs 299-213-021 and 299-213-014) contiguous on the north of Parcel 2 of Griffin Industries' Redlands Project (see attached figure). M&A previously performed an environmental assessment of roughly 60 acres of land (i.e., Parcels 1, 2, and 3) then comprising the Redlands Project (refer to M&A's Environmental Site Assessment report, dated 22 January 2003).

The goal of M&A's evaluation was to determine if environmentally sensitive uses occurred on the five additional parcels of land. Specifically, research activities performed for this evaluation included:

- Reconnaissance of the five parcels of land
- Review of M&A's 22 January 2003 ESA report and backup information, including agency environmental database search and historical and current maps review.

The reconnaissance of the five parcels of land was performed on 17 September 2003. Photographs documenting site conditions at the time of the inspection are provided in Attachment A hereto.

The three 1.0-acre parcels of land contiguous on the west of Parcel 1 were vacant, undeveloped land. No staining or spillage of chemicals, discolored surface, distressed vegetation, ponded liquid, or other signs of environmental concern were observed. None of the three parcels were identified in any of the environmental regulatory databases searched in the EDR report, as part of the previous ESA.

The two parcels of land contiguous on the north of Parcel 2 comprised roughly 5.0 acres. The land was developed in part with a ranch house, garage, horse stables and related wooden storage sheds, a small barn, and a horse arena; the remainder of the site was undeveloped or open field used for pasture. The storage or use of hazardous materials was not observed. Evidence of underground/aboveground fuel or chemical storage tanks was not observed. A propane tank was located on the north side of the garage. Based on the ages of the contemporary site



ATTACHMENT A

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RECONNAISSANCE PHOTOGRAPHS

M&A / Meredith & Associates, Inc.



1. View to east of centermost 1.0-acre parcel.



2. View to southeast of southern most 1.0-acre parcel.



3. View to northeast of northernmost 1.0-acre parcel.



4. View of house on 5.0-acre parcel.

2003-99



5. View of garage on 5.0-acre parcel.



6. View of stable on 5.0-acre parcel.