



DAMES & MOORE

A DAMES & MOORE GROUP COMPANY

**REPORT
PHASE I ENVIRONMENTAL
SITE ASSESSMENT
FORMER FIGUEROA PUMP STATION
LADWP FILE #W-69468
NORTHEAST CORNER OF SLAUSON
AVENUE AND FIGUEROA STREET
LOS ANGELES, CALIFORNIA
FOR LOS ANGELES DEPARTMENT
OF WATER AND POWER**

**D&M JOB No. 00138-104-128
APRIL 15, 1999**

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PHASE I ENVIRONMENTAL SITE ASSESSMENT

SITE NAME Former Figueroa Pump Station
ADDRESS Northeast Corner of Slauson Avenue and Figueroa Street,
Los Angeles, California

EXECUTIVE SUMMARY

Dames & Moore conducted a Phase I Environmental Site Assessment (ESA) of the property referenced above. Following is a summary of our findings, based on the ASTM scope of services presented in our February 25, 1999 proposal to the Los Angeles Department of Water and Power (LADWP).

Historical Review The historical data reviewed indicates the Figueroa Pump Station was in operation on the site from approximately 1908 to 1959. During that time, the site reportedly contained a pump house that included two pumps and a boiler, a 175,000-gallon water reservoir, and an underground fuel oil tank. The fuel oil tank, used to hold oil to fuel the boiler, was fed by an offsite oil pipeline that ran parallel to the southern edge of the site, within the adjacent railroad right-of-way. The owner of the pipeline was not known; however, it is known that the LADWP was not the pipeline owner. Based on information obtained from historical Sanborn maps, the concrete receiving reservoir was located in the north-central portion of the site, the fuel oil tank was located in the south-central portion of the site, and the pump house was located in the western portion of the site. The Sanborn map indicates that this fuel oil tank was above ground, contrary to what our other information sources indicated. Two boilers were located in the southern portion of the pump house. In 1959, when the pumping station was removed, the tank piping was capped and the tank was backfilled. Soil sampling was not conducted. The site was vacant from approximately 1959 to the present. It is Dames & Moore's opinion that the historical operation of the pump station has the potential to have created a Recognized Environmental Condition (REC) at the site.

Current Site Conditions The site is a 20,300 square-foot vacant lot. A portion of the site is paved with asphalt. The remainder of the site is not paved. RECs were not noted at the site.

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Agency Review

The site address is not listed on the agency databases reviewed.

A review of the regulatory agency database report indicated that there are listed facilities with known releases to the soil or groundwater are located adjacent to or upgradient of the subject property within that specified search radius. Based on the regulatory status and distance from the site, it is Dames & Moore's opinion that the potential for these facilities to have created a REC at the site is low.

This Executive Summary is not intended to be a "stand-alone" document, but a summary of our findings described in the following report. It is intended to be used in conjunction with the scope of services and limitations described therein.

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INTRODUCTION

- Purpose** The purpose of the Phase I ESA was to gather information regarding the subject property to evaluate whether features and conditions of potential environmental concern exist in association with the subject site and the adjoining properties.
- Scope of Services** The scope of work for this Phase I ESA is detailed in Dames & Moore's proposal dated February 25, 1999. Based on the scope of services outlined in the proposal, the ESA specifically did not include radon gas, asbestos, lead in drinking water, lead-based paint, soil, or groundwater testing. In addition, this ESA did not include a compliance audit or wetlands evaluation.
- ASTM Standard** This report was prepared in general conformance with the American Society for Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM Standard E 1527-97). This standard defines a Recognized Environmental Condition (REC) as: "The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

SITE DESCRIPTION

- Location** The subject property is located at the northeast corner of Slauson Avenue and Figueroa Street, Los Angeles, California. The site vicinity consists primarily of commercial/residential development.
- Features/Use** The site comprises approximately 20,300 square feet of vacant lot. A portion of the site is paved with asphalt. The remainder of the site is not paved. The site is currently not in use.

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Adjoining Properties

Dames & Moore's observation of adjoining properties was limited to viewing features and conditions that were visible from public right-of-ways. The following observations were made.

North: 58th Street, with a LADWP Distribution Station and residential properties beyond.

South: A.T. & S.F. railroad line with Slauson Avenue beyond. A 76 Service Station and a vacant parcel are located beyond Slauson Avenue.

East: Residential properties.

West: Figueroa Street, with a dental office beyond.

A 3,000-gallon aboveground oil storage tank was observed on the adjacent LADWP property. Several 55-gallon drums labeled "non-hazardous" were also observed on this property. With the exception of this property and the 76 Service Station, indications of use or storage of hazardous materials were not noted in the observable areas of the surrounding properties during the site visit. The 76 Service Station is identified on the regulatory database report and discussed in the Government Agency Information Section of this report below.

PHYSICAL SETTING

Topography According to the USGS Inglewood, California topographic quadrangle map (photorevised 1981), the subject site lies at an approximate elevation of 150 feet above mean sea level. The ground surface at the subject site slopes to the southwest.

Geology/Soils The soils in the site vicinity are Quaternary alluvium consisting of gravel, sand, silt, and clay, deposited as outwash of the surrounding Santa Monica Mountains to the north and San Gabriel Mountains to the northeast [California Department of Water Resources (DWR), 1961].

Surface Water The 1981 USGS Inglewood, California topographic quadrangle map does not depict surface water within one mile of the site.

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Groundwater The site is located within the Los Angeles Forebay Area of the Central Basin of the Coastal Plain of Los Angeles County where groundwater occurs under unconfined conditions. Groundwater reportedly occurs at approximately 70 feet below ground surface within the Exposition aquifer (DWR, 1961). Based on the overall topography of the area, the groundwater gradient is inferred to be toward the south-southeast.

SITE HISTORY

Dames & Moore's understanding of the subject property's history is founded upon our review of aerial photographs, historical maps, interviews and other referenced documents that were obtained. A chronological summary of this information is provided below.

- 1896 The 1896 topographic map depicts the site as vacant land. The site is bounded by vacant land to the north and east, an A.T. & S.F. railroad line to the south with Slauson Avenue beyond, and Figueroa Street to the west, with vacant land beyond. Small, residential-type structures are located across Slauson Avenue to the south, southeast, and southwest, and across Figueroa Street to the northwest. The remainder of the site vicinity consists of vacant land.
- 1907 The 1907 Sanborn map depicts the site as vacant land. The site is bounded by 58th Street to the north, vacant land to the east, an A.T. & S.F. railroad line to the south with Slauson Avenue beyond, and Figueroa Street to the west. Residential structures are located within 200 feet of the site to the northeast, east, southeast and south. The site vicinity consists of vacant land and residential structures. The site vicinity west of Figueroa Street is not depicted on the map.
- 1922 - 1960 The Sanborn maps, topographic maps and aerial photographs from 1922 to 1960 depict the Figueroa Pump Station on the site. A concrete receiving reservoir is located in the north-central portion of the site, and an aboveground fuel oil tank is located in the south-central portion of the site. Two small structures are located in the southeast portion of the site, and a structure was located in the western portion of the site. Based on labels noted on later Sanborn maps (1954 to 1960), the western structure was the pump house which contained two boilers (southwest corner of the site).

The site is bounded by 58th Street to the north with a LADWP building beyond, residential structures to the east, an A.T. & S.F. railroad line to the south with Slauson Avenue beyond. Figueroa Street is to the west, with small, residential-type structures beyond. Small, residential-type

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structures are also located across Slauson Avenue to the south. The site vicinity is completely developed with residential and commercial structures.

1964 – 1994 The 1964 to 1994 Sanborn maps, topographic maps, and aerial photographs depict the site and site vicinity essentially as they were observed during the site reconnaissance.

Interviews Mr. George Faeustle, Industrial Hygienist with LADWP, was interviewed and provided site information. Mr. Faeustle verified the historical existence of a pumping station and fuel oil tank at the site.

Previous Reports In November 1994, the LADWP Environmental Services and Planning Section conducted a Limited Phase I Site Assessment for the site. At the time of their assessment, the site was a vacant lot.

According to the report, the LADWP purchased the site from Merchant Trust Company in 1907. Shortly thereafter, LADWP constructed the Figueroa Pump Station on the site. The Pump Station was located on the site until 1959, when it was removed by LADWP.

The Figueroa Pump Station pumped water from five wells in the site vicinity, including one located on the eastern portion of the site. During that time, the site contained a pump house which included two pumps and a boiler, a 175,000-gallon water tank, and an oil tank. The oil tank was fed by an oil pipeline that ran parallel to the southern edge of the site, within the railroad right-of-way (offsite). The owner of the pipeline was not known. It is known that the LADWP was not the pipeline owner. The oil was used to fuel the boiler. The precise locations of these features was not identified in the LADWP report.

In 1959, when the pumping station was removed, the piping of the tank was capped and the tank was backfilled. Soil sampling was not conducted.

SITE RECONNAISSANCE

Mr. Kevin Russell of Dames & Moore conducted a reconnaissance of the subject property on March 10, 1999. The site visit consisted of a walking tour of the property. Site photographs are provided in Appendix A. Our observations are noted below.

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Hazardous Materials or Wastes	The current use or storage of hazardous or regulated substances or wastes was not observed onsite.
Solid Waste	Small amounts of scattered refuse were observed on the site. Environmental concerns were not noted.
Wastewater	Wastewater is not generated at the site.
ASTs	Aboveground storage tanks (ASTs) were not observed or reported.
USTs	Evidence of underground storage tanks (USTs) was not observed onsite.
Drums	None observed or reported.
Drains, Sumps, or Clarifiers	None observed or reported.
Discolored Pavement or Soil	Minor discolored concrete was observed on the sidewalk adjacent to the north side of the site. The material that caused the staining appeared to have originated from the site. Because the amount of staining was small, this finding does not appear to constitute a REC.
Pits, Ponds, or Lagoons	Not observed or reported.
Polychlorinated Biphenyls (PCBs)	One pole-mounted transformer was observed along the southern property boundary. Staining was not observed. Additional equipment which may have PCB-containing fluids was not observed or reported.
Wells	None observed during the site visit. One water production well was reportedly previously located onsite.

GOVERNMENT AGENCY INFORMATION

Database Search	Dames & Moore reviewed information gathered from several environmental databases through Environmental Data Resources (EDR) to evaluate whether activities on or near the subject property have the potential to create adverse environmental impacts on the subject property. EDR reviews databases compiled by Federal, State, and local government
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agencies. The complete list of databases is provided in Appendix B. It should be noted that this information is reported as Dames & Moore received it from EDR, which in turn reports information as it is provided in various government databases. It is not possible for either Dames & Moore or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence.

The site is not listed on the databases reviewed.

Listed facilities, which were identified adjacent to, or potentially upgradient of, the site within the search radii are described below:

- Union Service Station #1780 (currently a 76 Station) (A1, A2, A3, and 5) is located at 5820 Figueroa Street, across Slauson Avenue south of the site. This property is listed on the UST and LUST databases. According to the information provided, two 10,000-gallon gasoline tanks and two waste oil tanks (200-gallon and 550-gallon) are located at the facility. A gasoline tank leak affecting groundwater was reported in 1994. Remedial action was performed in early 1996, and the case was closed in 1997. Based on the closure status and downgradient location of this facility, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the subject property is low.
- Tate Trucking (6) is located at 626 West 58th Street, approximately 1/8 mile west-northwest of the site. This facility is listed on the CA FID database as an active UST site. Releases are not reported. Based on the regulatory status, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the subject property is low.
- Marshall Lawrence (8) is located at 5514 South Figueroa Street, approximately 1/8 mile north of the subject property. This facility is identified on the CA FID database as an active UST site. Leaks are not reported. Based on the regulatory status, it is Dames & Moore's opinion that the potential for this facility to have created a REC at the site is low.

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Regulatory Contacts

Regulatory contacts contain files based on street addresses. Because the site does not have a street address, agencies were not contacted.

FINDINGS AND CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-97 for the former Figueroa Pump Station located at the northeast corner of Slauson Avenue and Figueroa Street, Los Angeles, California. Any exception to, or deletions from, this practice are described in the body of this report. This assessment has revealed the following potential Recognized Environmental Condition in association with the site:

- The Figueroa Pump Station was in operation on the site from approximately 1908 to 1959. During that time, the site contained a pump house that contained two pumps and a boiler, a 175,000-gallon water reservoir, and an underground oil tank. The oil tank, used to hold oil to fuel the boiler, was fed by an offsite oil pipeline that ran parallel to the southern edge of the site within the adjacent railroad right-of-way. Based on information obtained from historical Sanborn maps, the concrete receiving reservoir was located in the north-central portion of the site, the fuel oil tank was located in the south-central portion of the site, and the pump house was located in the western portion of the site. Two boilers were located in the southern portion of the pump house. In 1959, when the pumping station was removed, the piping of the tank was capped and the tank was back-filled. Soil sampling was not conducted. Based on this information, Dames & Moore concludes that fuel oil may have leaked from the tank. Dames & Moore recommends: (1) removal of the tank and piping and (2) a subsurface investigation to assess soil conditions in the vicinity of the former oil tank, piping and boilers.

LIMITATIONS

The conclusions presented in this report are professional opinions based solely upon indicated data described in this report, visual observations of the site and vicinity, and our interpretation of the available historical information and documents reviewed, as described in this report. They are intended exclusively for the purpose outlined herein and the site locations and project indicated.

It should be recognized that this study was not intended to be a definitive investigation of contamination at the subject property and the conclusions provided are not necessarily inclusive of all the possible conditions. Given that the scope of services for this investigation was limited and that exploratory borings, soil and/or groundwater sampling or analytical testing were not undertaken, it is possible that currently unrecognized subsurface contamination may exist at the site.

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Dames & Moore makes no representations regarding the value or marketability of the site or the suitability for any particular use, and none should be inferred based on this report.

Opinions and recommendations presented herein apply to the site conditions existing at the time of our investigations and cannot necessarily apply to site changes of which Dames & Moore is not aware and has not had the opportunity to evaluate. Changes in the conditions of this property may occur with time due to natural processes or the works of man on the subject site or adjacent properties. Changes in applicable standards may also occur as a result of legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control.

This report was prepared by:

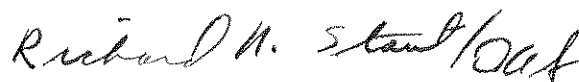
DAMES & MOORE



Kevin G. Russell
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Reviewed by:

DAMES & MOORE



Richard N. Stout, C.E.G.
Principal Geologist



Deborah A. Scanlon, R.E.A.
Project Manager

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REFERENCES

Aerial photographs supplied by Environmental Data Resources: 1928, 1947, 1952, 1968, 1976, 1989, and 1994.

Environmental Data Resources, Database report, Report No. 0343971.3r, March 4, 1999.

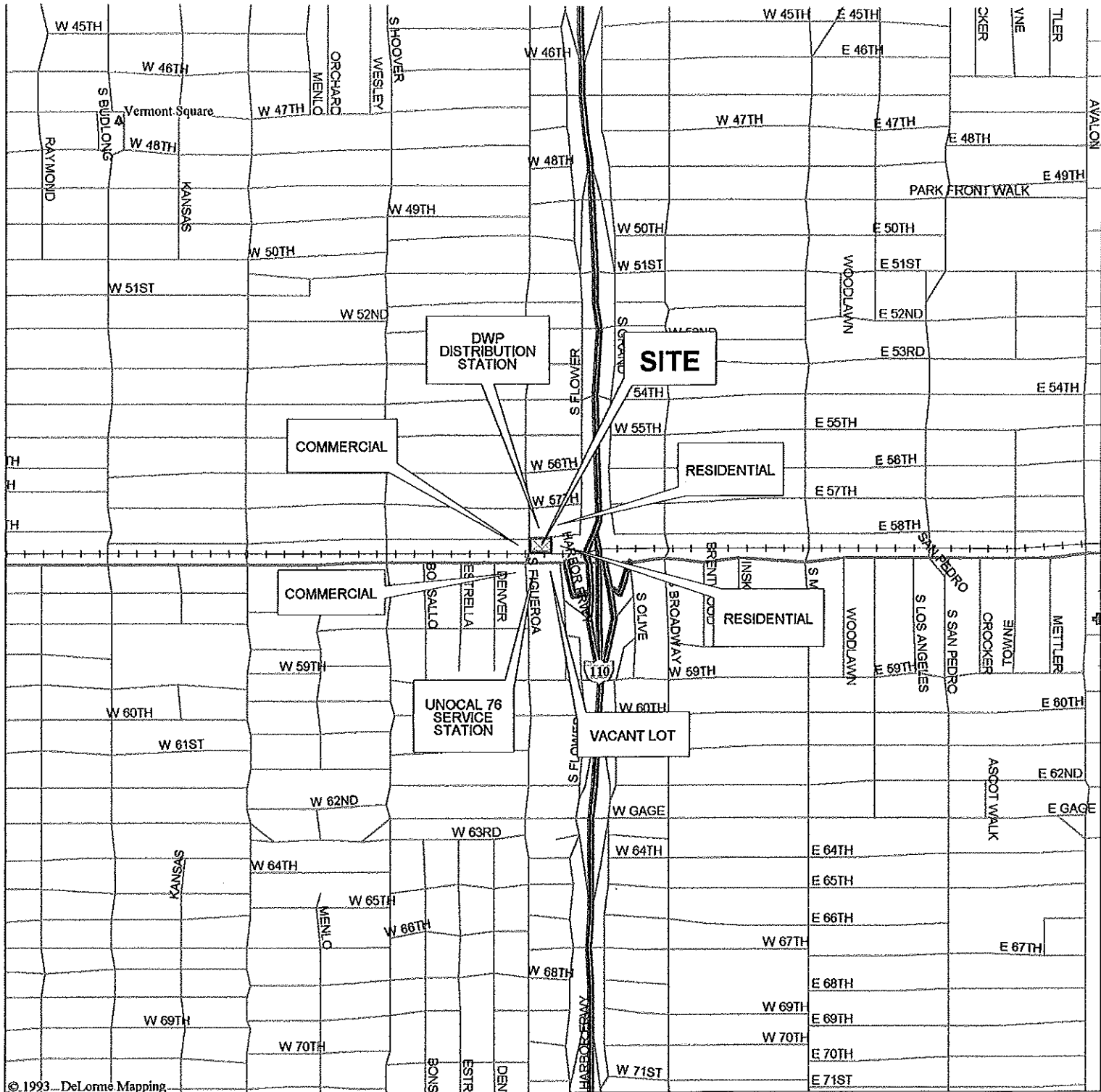
Los Angeles Department of Water and Power, Limited Phase I Site Assessment report, former Figueroa Pump Station Site, November 1994.

Sanborn Maps supplied by Environmental Data Resources: 1907, 1922, 1950, 1954, 1957, 1958, 1959, 1960, 1966, 1968, 1970.

State of California Department of Water Resources, Planned Utilization of the Groundwater Basins of the Coastal Plain of Los Angeles County.

USGS Topographic Map, Inglewood Quadrangle, 1950, 1952, 1964, 1972, and 1981.

USGS Topographic Map, Redondo Sheet, 1896 and 1944.



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- LEGEND**
- Hospital
 - Park
 - Interstate, Turnpike
 - Population Center
 - Street, Road
 - Hwy Ramp
 - Major Street/Road
 - Interstate Highway

Scale 1:15,625 (at center)

++++ Railroad

1000 Feet

500 Meters

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VICINITY MAP

FORMER FIGUEROA PUMP STATION
NORTHEAST CORNER OF SLAUSON AVENUE
AND FIGUEROA STREET
LOS ANGELES, CALIFORNIA

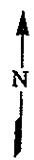
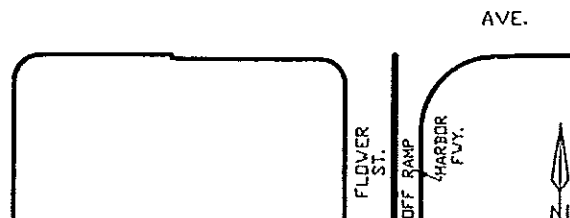
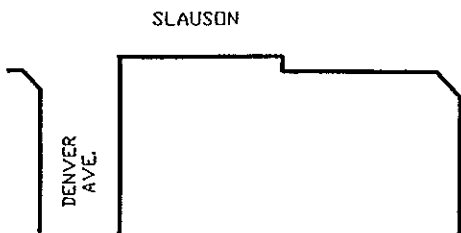
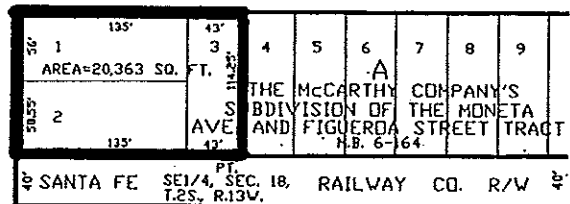
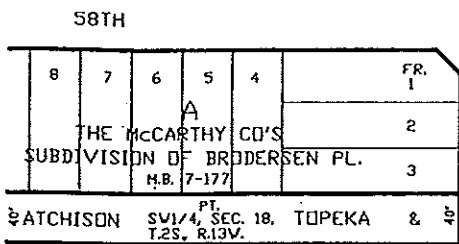
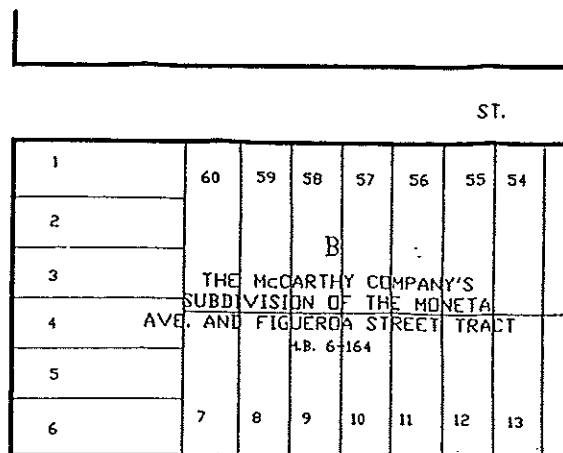
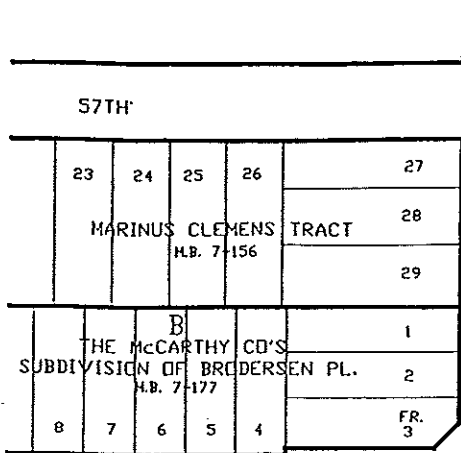


FIGURE 1



FOR: LOS ANGELES DEPARTMENT OF WATER AND POWER



No Scale

SITE MAP - FIGURE 2
FIGUEROA PUMP STATION
LOS ANGELES, CALIFORNIA
For: Los Angeles Department of Water and Power

APPENDIX A
SITE PHOTOGRAPHS

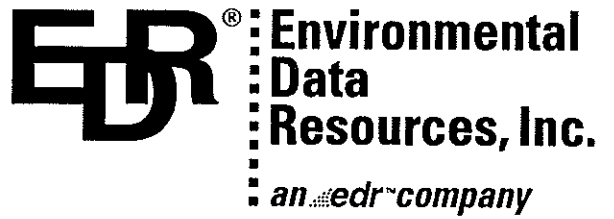


Photo 1. Site - Facing Southeast, 58th Street in Foreground



Photo 2. Site - Facing Southwest

APPENDIX B
EDR DATABASE REPORT



The EDR-Radius Map with GeoCheck®

**Figueroa Pump Station
Slauson Avenue+Figueroa Street
Los Angeles, CA 90037**

Inquiry Number: 0343971.3r

March 04, 1999

***The Source* For Environmental Risk Management Data**

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

The address of the subject property for which the search was intended is:

SLAUSON AVENUE+FIGUEROA STREET
LOS ANGELES, CA 90037

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the subject property or within the ASTM E 1527-97 search radius around the subject property for the following Databases:

NPL:..... National Priority List
Delisted NPL:..... NPL Deletions
RCRIS-TSD:..... Resource Conservation and Recovery Information System
Cal-Sites:..... Cal-Sites
CERCLIS:..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP:..... Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS:..... Corrective Action Report
SWF/LF:..... State Landfill
AST:..... Aboveground Petroleum Storage Tank Facilities
RAATS:..... RCRA Administrative Action Tracking System
RCRIS-SQG:..... Resource Conservation and Recovery Information System
RCRIS-LQG:..... Resource Conservation and Recovery Information System
HMIRS:..... Hazardous Materials Information Reporting System
PADS:..... PCB Activity Database System
ERNS:..... Emergency Response Notification System
FINDS:..... Facility Index System
TRIS:..... Toxic Chemical Release Inventory System
TSCA:..... Toxic Substances Control Act
MLTS:..... Material Licensing Tracking System
NPL Lien:..... NPL Liens
CA SLIC:..... CA SLIC regions.
ROD:..... ROD
CONSENT:..... Superfund (CERCLA) Consent Decrees
Coal Gas:..... Former Manufactured gas (Coal Gas) Sites.

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

Search Results:

Search results for the subject property and the search radius, are listed below:

Subject Property:

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

EXECUTIVE SUMMARY

Surrounding Properties:

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

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

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

A review of the Cortese list, as provided by EDR, has revealed that there is 1 Cortese site within approximately 0.5 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>MOBIL #11-KAA</i>	<i>254 W SLAUSON AVE</i>	<i>1/4 - 1/2 E</i>	<i>12</i>	<i>12</i>

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

A review of the LUST list, as provided by EDR, and dated 08/01/1998 has revealed that there are 2 LUST sites within approximately 0.5 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNOCAL #1780	5820 FIGUEROA ST	0 - 1/8 SSW	A1	8
<i>MOBIL #11-KAA</i>	<i>254 W SLAUSON AVE</i>	<i>1/4 - 1/2 E</i>	<i>12</i>	<i>12</i>

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 UST sites within approximately 0.25 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNION OIL SERVICE STATION LEAS	5820 S. FIGUEROA	0 - 1/8 SSW	A2	8
SERVICE STATION 1780	5820 S FIGUEROA	0 - 1/8 WSW	5	9

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the Ca. FID list, as provided by EDR, has revealed that there are 8 Ca. FID sites within approximately 0.25 miles of the subject property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNION SERVICE STATION 1780	5820 S FIGUEROA ST	0 - 1/8 SSW	A3	8
HUMBLE OIL	452 W SLAUSON AVE	0 - 1/8 ESE	4	9

EXECUTIVE SUMMARY

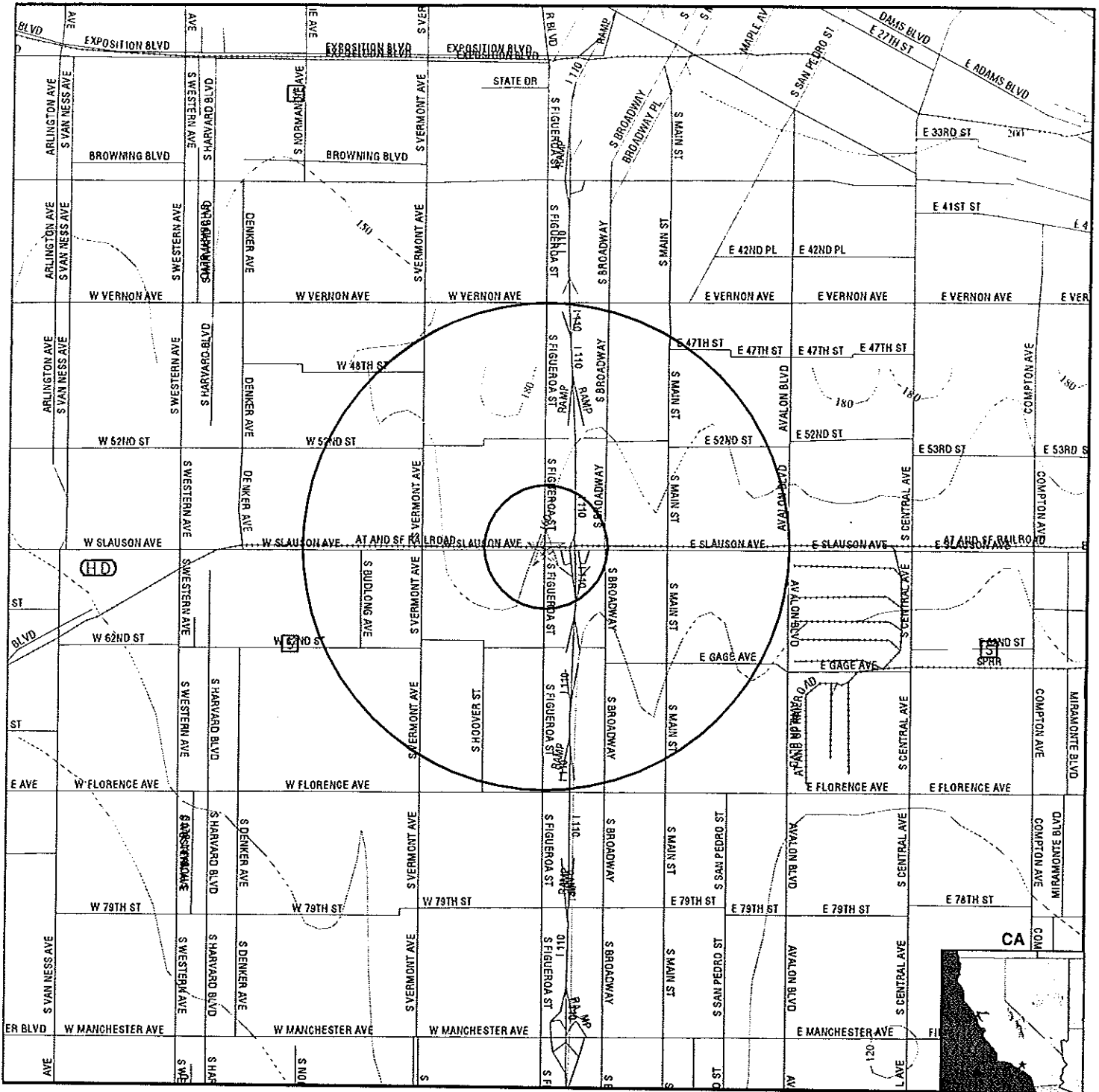
<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TATE TRUCKING	626 W 58TH ST	0 - 1/8 WNW	6	10
BRAUN INDUSTRIES INCORPORATED	710 W 58TH ST	1/8 - 1/4 W	B7	10
MARSHALL LAWRENCE	5514 S FIGUEROA ST	1/8 - 1/4 N	8	11
BRAUN INDUSTRIES INCORPORATED	733 W 58TH ST	1/8 - 1/4 W	B9	11
TUNEUP MASTERS	320 W SLAUSON AVE	1/8 - 1/4 E	10	11
AL GOMEZ	722 W SLAUSON AVE	1/8 - 1/4 W	11	12

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
76 PRODUCTS STATION #3472	Cortese
BIO GRO SYSTEMS INC	SWF/LF
WARDS DUMP	SWF/LF
K&S RUBBISH AKA KEN MALLOY REGIONA	SWF/LF
SAN VINCENTE & BEVERLY	SWF/LF
CALTRANS - SOUTH GATE #2	SWF/LF
US NAVY SAN CLEMENTE ISLAND S.C.T.	SWF/LF
BURRO DEBRIS DISPOSAL SITE	SWF/LF
SO. CAL. DISPOSAL AKA HAMILTON AVE	SWF/LF
EXXON SERVICE STATION	UST
EXXON SERVICE STATION	UST
EXXON SERVICE STATION	UST
NEWHALL STATION	AST
CIRCLE K GAS STATION	ERNS
8600 FIGUEROA AVE	ERNS
FRIES AVE PUMP HOUSE--FRIES AVE AN	ERNS
GAS STATION AT 1141 S DITMAN ST	ERNS
INDIAN CREEK PUMP STATION	ERNS
1700 W. L ST. OUT OF SERICE PUMPIN	ERNS
MARINE SERVICE STATION NO. 0692 BE	ERNS
MARINE SERVICE STATION NO. 0692 BE	ERNS
PCH N OF TEMPESEL CYN PUMP PLANT	ERNS
PEDLEY STATION (AT MP 7 STARTED EA	ERNS
REDONDO AND FIGUEROA	ERNS
5851 RODEO ST. GAS STATION LOCATIO	ERNS
SERVICE STATION 5795 9930 NATIONAL	ERNS
STATION 2614 1001 WESTERN AVE	ERNS
STATION 2614 1001 WESTERN AVE	ERNS
SYLMAR CONVERTER STATION 31201 SEP	ERNS
UNOCAL SERVICE STATION 4010 791 SO	ERNS
UNOCAL STATION 1065 1157 WEST GAYL	ERNS
VIEW RIDGE PUMP ST	ERNS
12726 S. WESTERN AV ARCO SERVICE S	ERNS
CALTRANS - TRANSIT CENTER	CA SLIC
MOBIL OIL CORP.	CA SLIC
SFPP TAYLON YARD STATION	CA SLIC

TOPOGRAPHIC MAP - 0343971.3r - Dames & Moore



- ∨ Major Roads
- Contour Lines
- ~ Waterways
- - - Earthquake Fault Lines
- ⊙ Earthquake epicenter, Richter 5 or greater
- ⊕ Closest Federal Well in quadrant
- ⊞ Closest State Well in quadrant
- ⊗ Closest Public Water Supply Well

- (HD) Closest Hydrogeological Data
- Oil, gas or related wells

TARGET PROPERTY: Figueroa Pump Station
ADDRESS: Slauson Avenue+Figueroa Street
CITY/STATE/ZIP: Los Angeles CA 90037
LAT/LONG: 33.9892 / 118.2817

CUSTOMER: Dames & Moore
CONTACT: Dayna Akin
INQUIRY #: 0343971.3r
DATE: March 04, 1999 7:39 am

GEOCHECK VERSION 2.1 SUMMARY

TARGET PROPERTY COORDINATES

Latitude (North): 33.989201 - 33° 59' 21.1"
 Longitude (West): 118.281700 - 118° 16' 54.1"
 Universal Transverse Mercator: Zone 11
 UTM X (Meters): 381616.4
 UTM Y (Meters): 3761504.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 24331 18-H3 INGLEWOOD, CA

GEOLOGIC AGE IDENTIFICATION†

Geologic Code: Q
 Era: Cenozoic
 System: Quaternary
 Series: Quaternary

ROCK STRATIGRAPHIC UNIT‡

Category: Stratified Sequence

GROUNDWATER FLOW 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, including well data collected on nearby properties, regional groundwater flow information (from deep aquifers), or surface topography.§

AQUIFLOW™** Search Radius: 2.000 Miles

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

General Topographic Gradient at Target Property: General SE
 General Hydrogeologic Gradient at Target Property: No hydrogeologic data available.
 Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
 Location Relative to TP: 1 - 2 Miles West
 Site Name: Dept. Of Public Works
 Site EPA ID Number: CAD981989049
 Groundwater Flow Direction: NOT AVAILABLE.
 Measured Depth to Water: 14 feet.
 Hydraulic Connection: Aquitards separate the aquifers under the site.
 Sole Source Aquifer: No information about a sole source aquifer is available
 Data Quality: Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

FEDERAL DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>	<u>LITHOLOGY</u>	<u>DEPTH TO WATER TABLE</u>
NO WELLS FOUND			

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.
 † Source: F.G. Schuben, 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).
 ‡ U.S. EPA Ground Water Handbook, Vol I: Ground Water and Contamination, Office of Research and Development EPA/625/R-90/016a, Chapter 4, page 78, September 1990.
 ** EDR AQUIFLOW™ Information System of hydrogeologically determined groundwater flow directions at specific locations. See the data pages at the end of this report for a complete description.

GEOCHECK VERSION 2.1 SUMMARY

STATE DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>
Northern	>2 Miles
Eastern	1 - 2 Miles
Southern	>2 Miles
Western	1 - 2 Miles

STATE OIL/GAS WELL INFORMATION

<u>API #</u>	<u>DISTANCE FROM TP</u>
NO WELLS FOUND	

PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

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

PWS Name: VERNON-CITY, WATER DEPT.
 4305 SANTA FE AVE
 VERNON, CA 90058

Location Relative to TP: >2 Miles East

PWS currently has or has had major violation(s): No

AREA RADON INFORMATION

EPA Radon Zone for LOS ANGELES County: 2

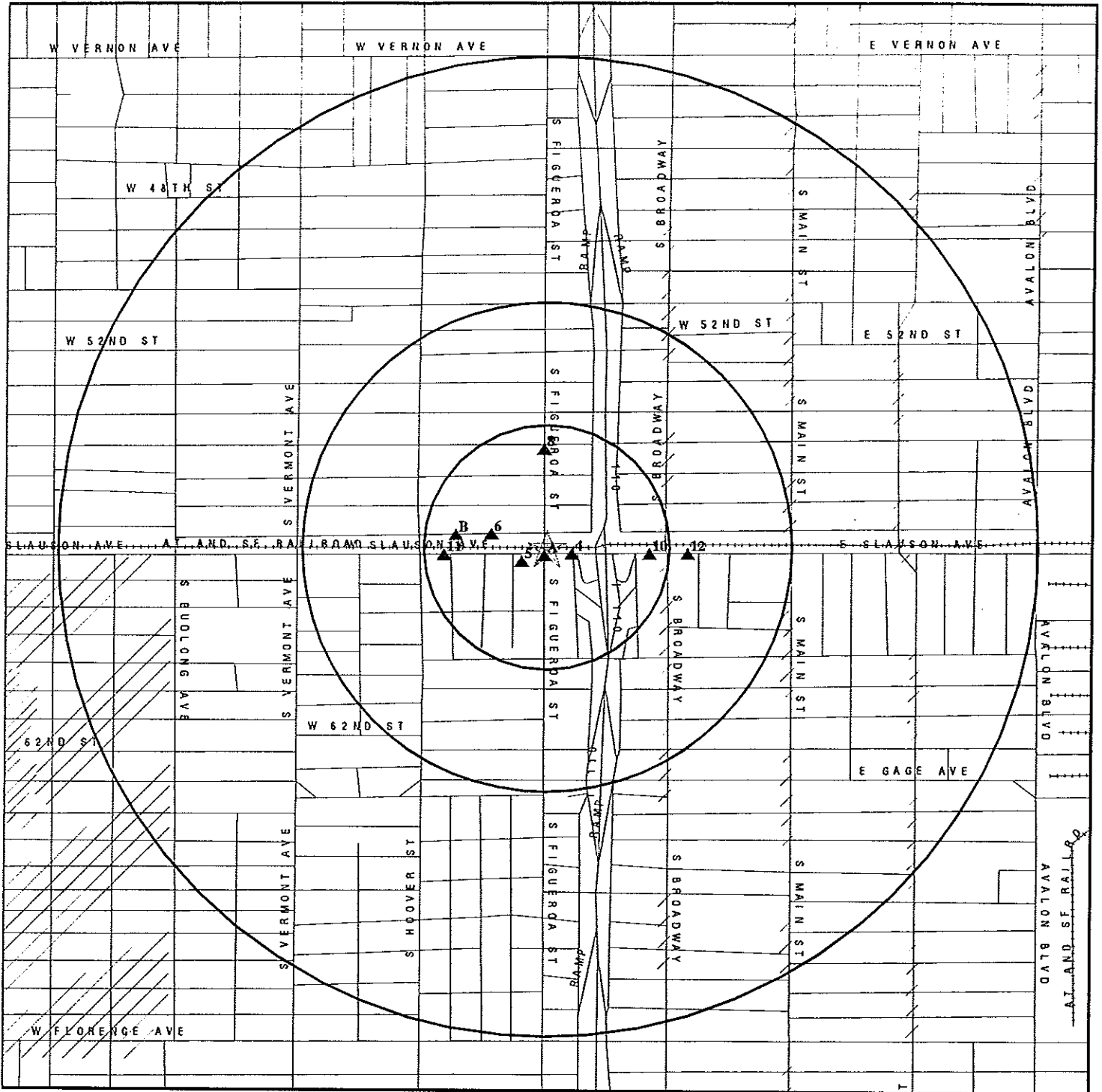
Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

LOS ANGELES COUNTY, CA

Number of sites tested: 63

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

OVERVIEW MAP - 0343971.3r - Dames & Moore

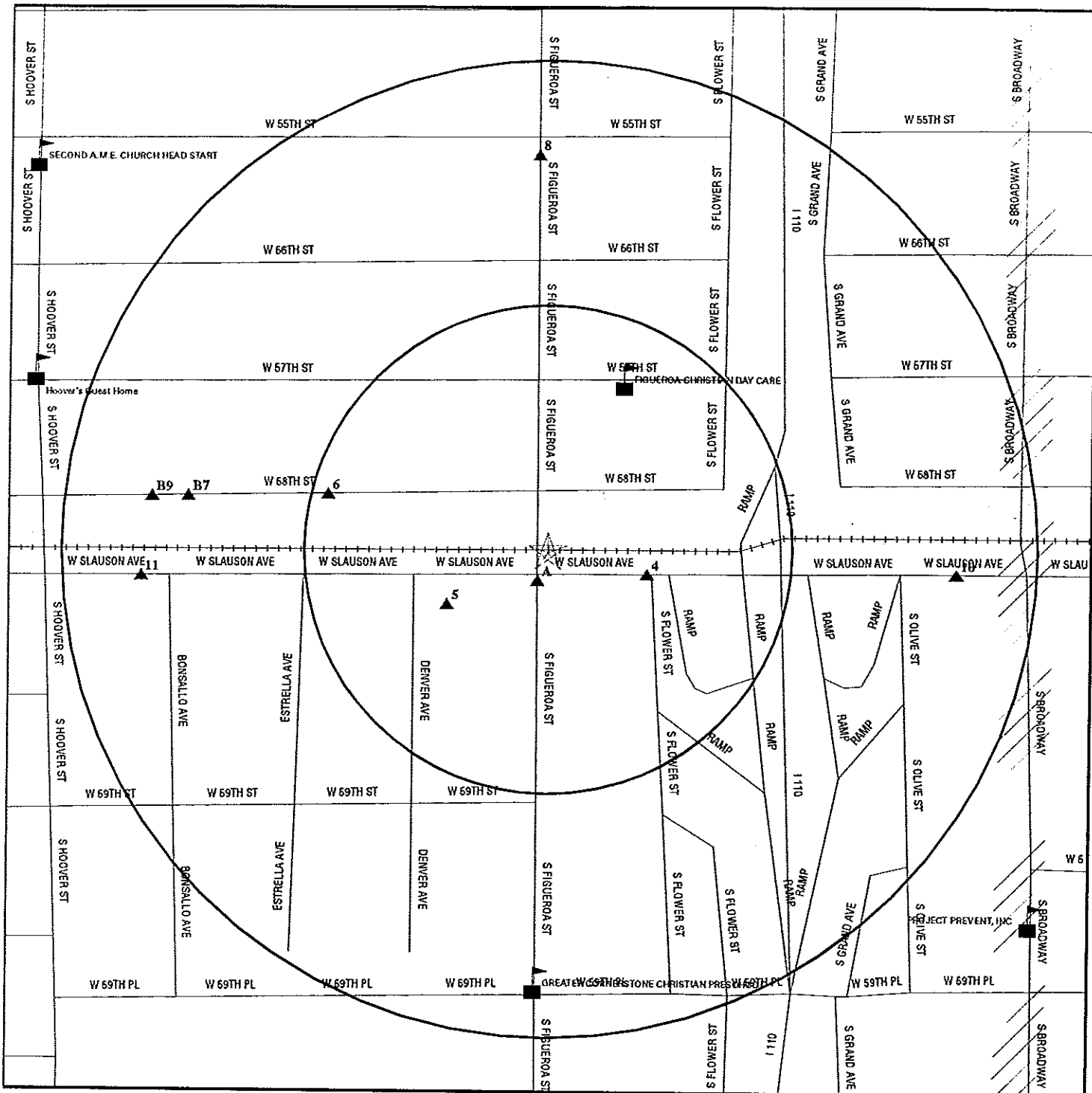


- ★ Target Property
- ▲ Toxic Sites
- ▲ Coal Gasification Sites (if requested)
- ▨ National Priority List Sites
- ▨ Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone

TARGET PROPERTY: ADDRESS: CITY/STATE/ZIP: LAT/LONG:	Figueroa Pump Station Slauson Avenue+Figueroa Street Los Angeles CA 90037 33.9892 / 118.2817	CUSTOMER: CONTACT: INQUIRY #: DATE:	Dames & Moore Dayna Akin 0343971.3r March 04, 1999 7:36 am
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DETAIL MAP - 0343971.3r - Dames & Moore



- ★ Target Property
- ▲ Toxic Sites
- ▲ Coal Gasification Sites (if requested)
- ⚡ Sensitive Receptors
- ☒ National Priority List Sites
- ☒ Landfill Sites

- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ☒ 100-year flood zone
- ☒ 500-year flood zone

TARGET PROPERTY: Figueroa Pump Station ADDRESS: Slauson Avenue+Figueroa Street CITY/STATE/ZIP: Los Angeles CA 90037 LAT/LONG: 33.9892 / 118.2817	CUSTOMER: Dames & Moore CONTACT: Dayna Akin INQUIRY #: 0343971.3r DATE: March 04, 1999 7:37 am
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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL	TP		NR	NR	NR	NR	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
Cal-Sites		0.500	0	0	0	NR	NR	0
Cortese		0.500	0	0	1	NR	NR	1
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP	TP		NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	1	0	1	NR	NR	2
UST		0.250	2	0	NR	NR	NR	2
CA FID		0.250	3	5	NR	NR	NR	8
AST		0.250	0	0	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ERNS		0.125	0	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
NPL Liens	TP		NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	0	NR	NR	0
ROD	TP		NR	NR	NR	NR	NR	0
CONSENT	TP		NR	NR	NR	NR	NR	0
Coal Gas	TP		NR	NR	NR	NR	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

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.

A1 SSW < 1/8 86	UNOCAL #1780 5820 FIGUEROA ST LOS ANGELES, CA 90004	LUST	S102439870 N/A
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State LUST:

Facility Type:	INACTIVE	Cross Street:	Not reported
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Regional Board		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Vapor Extraction		
Review Date:	06/02/1997	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	03/25/1996	Monitoring:	Not reported
Close Date:	12/17/1996	Release Date:	03/24/1994

LUST Region 4:

Report Date:	03/24/1994
Cross Street:	Not reported
Lead Agency:	Regional Board
Local Agency:	19050
Substance:	8006619
Facility ID:	900030043
Case Type:	Groundwater
Status:	Signed off, remedial action completed or deemed unnecessary

A2 SSW < 1/8 86	UNION OIL SERVICE STATION LEAS 5820 S. FIGUEROA LOS ANGELES, CA 90003	UST	U001560304 N/A
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State UST:

Facility ID:	55706	Container Num:	1
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	196		
Tank Used for:	WASTE	Tank Constrcn:	Not reported
Type of Fuel:	WASTE OIL		
Leak Detection:	None	Telephone:	(213) 752-5466
Contact Name:	ELESTER FEAGIN	Region:	Not reported
Total Tanks:	1	Other Type:	Not reported
Facility Type:	1		

A3 SSW < 1/8 86	UNION SERVICE STATION 1780 5820 S FIGUEROA ST LOS ANGELES, CA 90037	Ca. FID	S101585384 N/A
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MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)		Database(s)
Site		EPA ID Number

UNION SERVICE STATION 1780 (Continued)

S101585384

FID:

Facility ID:	19023149	Regulate ID:	00003888
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(818) 854-7020
Mail To:	Not reported		
	3701 WILSHIRE BLVD		
	LOS ANGELES, CA 90037		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

4
ESE
< 1/8
273

HUMBLE OIL
452 W SLAUSON AVE
LOS ANGELES, CA 90003

Ca. FID

S101585220
N/A

FID:

Facility ID:	19021135	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(213) 000-0000
Mail To:	Not reported		
	452 W SLAUSON AVE		
	LOS ANGELES, CA 90003		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

5
WSW
< 1/8
310

SERVICE STATION 1780
5820 S FIGUEROA
LOS ANGELES, CA 90037

UST

U001561460
N/A

State UST:

Facility ID:	3888	Container Num:	17804
Tank Num:	1	Year Installed:	1968
Tank Capacity:	550		
Tank Used for:	WASTE	Tank Constrctn:	Not reported
Type of Fuel:	WASTE OIL		
Leak Detection:	Stock Inventor, Pressure Test	Telephone:	(213) 752-5466
Contact Name:	ELESTER FEAGIN	Region:	Not reported
Total Tanks:	3	Other Type:	Not reported
Facility Type:	1		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SERVICE STATION 1780 (Continued)

U001561460

Facility ID:	3888	Container Num:	17802
Tank Num:	2	Year Installed:	1968
Tank Capacity:	9940	Tank Constrcn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(213) 752-5466
Type of Fuel:	PREMIUM	Region:	Not reported
Leak Detection:	Stock Inventor, Pressure Test	Other Type:	Not reported
Contact Name:	ELESTER FEAGIN		
Total Tanks:	3		
Facility Type:	1		

Facility ID:	3888	Container Num:	17801
Tank Num:	3	Year Installed:	1968
Tank Capacity:	9940	Tank Constrcn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(213) 752-5466
Type of Fuel:	UNLEADED	Region:	Not reported
Leak Detection:	Stock Inventor, Pressure Test	Other Type:	Not reported
Contact Name:	ELESTER FEAGIN		
Total Tanks:	3		
Facility Type:	1		

6
 WNW
 < 1/8
 617

TATE TRUCKING
 626 W 58TH ST
 LOS ANGELES, CA 90037

Ca. FID

S101585769
 N/A

FID:

Facility ID:	19029119	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	(213) 971-9176
Status:	Active		
Mail To:	Not reported		
	P O BOX		
	LOS ANGELES, CA 90037		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

B7
 West
 1/8-1/4
 986

BRAUN INDUSTRIES INCORPORATED
 710 W 58TH ST
 LOS ANGELES, CA 90037

Ca. FID

S101587487
 N/A

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

BRAUN INDUSTRIES INCORPORATED (Continued)

S101587487

FID:

Facility ID:	19055685	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(213) 000-0000
Mail To:	Not reported		
	710 W 58TH ST		
	LOS ANGELES, CA 90037		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

8
North
1/8-1/4
1067

MARSHALL LAWRENCE
5514 S FIGUEROA ST
LOS ANGELES, CA 90037

Ca. FID

S101587687
N/A

FID:

Facility ID:	19055893	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(213) 758-7430
Mail To:	Not reported		
	5514 S FIGUEROA ST		
	LOS ANGELES, CA 90037		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

B9
West
1/8-1/4
1085

BRAUN INDUSTRIES INCORPORATED
733 W 58TH ST
LOS ANGELES, CA 90037

Ca. FID

S101583815
N/A

FID:

Facility ID:	19006459	Regulate ID:	Not reported
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(213) 000-0000
Mail To:	Not reported		
	733 W 58TH ST		
	LOS ANGELES, CA 90037		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

10
East
1/8-1/4
1102

TUNEUP MASTERS
320 W SLAUSON AVE
LOS ANGELES, CA 90003

Ca. FID
FINDS

1000224617
CAD981577778

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)	Site	Database(s) EPA ID Number

TUNEUP MASTERS (Continued)

1000224617

FID:

Facility ID:	19054626	Regulate ID:	Not reported
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(213) 753-8209
Mail To:	Not reported		
	320 W SLAUSON AVE		
	LOS ANGELES, CA 90003		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

11
West
1/8-1/4
1106

AL GOMEZ
722 W SLAUSON AVE
LOS ANGELES, CA 90003

Ca. FID

S101584677
N/A

FID:

Facility ID:	19014248	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(213) 000-0000
Mail To:	Not reported		
	UNK		
	LOS ANGELES, CA 90003		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

12
East
1/4-1/2
1516

MOBIL #11-KAA
254 W SLAUSON AVE
LOS ANGELES, CA 90003

LUST
Cortese

S101297253
N/A

State LUST:

Facility Type	ACTIVE	Cross Street:	BROADWAY
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Undefined		
Status:	Pollution characterization		
Review Date:	05/25/1988	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	05/13/1988	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	08/06/1987

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MOBIL #11-KAA (Continued)

S101297253

LUST Region 4:

Report Date: 08/06/1987
Cross Street: BROADWAY
Lead Agency: Local Agency
Local Agency: 19050
Substance: 8006619
Facility ID: 003931
Case Type: Undefined
Status: Pollution characterization

CORTESE:

Reg By: LTNKA
Reg Id: 003931
Region: CORTESE

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
LOS ANGELES	S102590602	76 PRODUCTS STATION #3472	3501 003RD		Cortese	900200098
LOS ANGELES	S101540075	CALTRANS - TRANSIT CENTER	110		CA SLIC	
LOS ANGELES	S102360725	BIO GRO SYSTEMS INC	W. 150TH STREETS		SWF/LF	19-AA-0848
LOS ANGELES	S103340312	WARDS DUMP	186TH STREET AND VERMONT		SWF/LF	19-CR-5102
LOS ANGELES	S102361011	K&S RUBBISH AKA KEN MALLOW REGIONA	ANAHEIM ST. NEAR VERMONT AVE.		SWF/LF	19-AR-5154
LOS ANGELES	U001560280	EXXON SERVICE STATION	8600 S. AVALON	90003	UST	00000029357
LOS ANGELES	S102002399	MOBIL OIL CORP.	774 BROADWAY		CA SLIC	
LOS ANGELES	8856852	CIRCLE K GAS STATION	CIRCLE K GAS STATION		ERNS	
LOS ANGELES	S103340233	SAN VINCENTE & BEVERLY	NW CORNER 8655 BEVERLY BLVD	90003	SWF/LF	19-AA-5207
LOS ANGELES	92296330	8600 FIGUEROA AVE	8600 FIGUEROA AVE	90003	ERNS	00000029369
LOS ANGELES	U001560281	EXXON SERVICE STATION	430 FLORANCE		UST	
LOS ANGELES	94418572	FRIES AVE PUMP HOUSE--FRIES AVE AN	FRIES AVE PUMP HOUSE--FRIES AV		ERNS	
LOS ANGELES	90189602	GAS STATION AT 1141 S DITMAN ST	GAS STATION AT 1141 S DITMAN S		ERNS	
LOS ANGELES	8873389	INDIAN CREEK PUMP STATION	INDIAN CREEK PUMP STATION		ERNS	
LOS ANGELES	90163715	1700 W. L ST. OUT OF SERICE PUMPIN	1700 W. L ST. OUT OF SERICE PU		ERNS	
LOS ANGELES	S103340221	CALTRANS - SOUTH GATE #2	LONG BEACH FRWY @ LOS ANGELES		SWF/LF	19-AA-5068
LOS ANGELES	90466119	MARINE SERVICE STATION NO. 0692 BE	MARINE SERVICE STATION NO. 069		ERNS	
LOS ANGELES	90187870	MARINE SERVICE STATION NO. 0692 BE	MARINE SERVICE STATION NO. 069		ERNS	
LOS ANGELES	U001561761	EXXON SERVICE STATION	18526 NORMANDIE	90044	UST	00000029196
LOS ANGELES	8874689	PCH N OF TEMPESEL CYN PUMP PLANT	PCH N OF TEMPESEL CYN PUMP PL		ERNS	
LOS ANGELES	92280740	PEDLEY STATION (AT MP 7 STARTED EA	PEDLEY STATION (AT MP 7 STARTE		ERNS	
LOS ANGELES	S102858627	SFPP TAYLON YARD STATION	PERLITA		CA SLIC	
LOS ANGELES	92297650	REDONDO AND FIGUEROA	REDONDO AND FIGUEROA		ERNS	
LOS ANGELES	874324	5851 RODEO ST. GAS STATION LOCATIO	5851 RODEO ST. GAS STATION LOC		ERNS	
LOS ANGELES	S103340267	US NAVY SAN CLEMENTE ISLAND S.C.T.	SAN CLEMENTE ISLAND		ERNS	
LOS ANGELES	S101613129	BURRO DEBRIS DISPOSAL SITE	SEC 29, T2N, R9W, SBBM		SWF/LF	19-AA-5645
LOS ANGELES	90187874	SERVICE STATION 5795 9930 NATIONAL	SERVICE STATION 5795 9930 NATI		SWF/LF	19-AA-0493
LOS ANGELES	92467863	STATION 2614 1001 WESTERN AVE	STATION 2614 1001 WESTERN AVE		ERNS	
LOS ANGELES	92281132	STATION 2614 1001 WESTERN AVE	STATION 2614 1001 WESTERN AVE		ERNS	
LOS ANGELES	8866357	SYLMAR CONVERTER STATION 31201 SEP	SYLMAR CONVERTER STATION 31201		ERNS	
LOS ANGELES	94463355	UNOCAL SERVICE STATION 4010 791 SO	UNOCAL SERVICE STATION 4010 79		ERNS	
LOS ANGELES	90177997	UNOCAL STATION 1065 1157 WEST GAYL	UNOCAL STATION 1065 1157 WEST		ERNS	
LOS ANGELES	A100109289	NEWHALL STATION	VALENCIA BLVD. AT NEWHALL AVE.		AST	
LOS ANGELES	8873472	VIEW RIDGE PUMP ST	VIEW RIDGE PUMP ST		ERNS	
LOS ANGELES	8719451	12726 S. WESTERN AV ARCO SERVICE S	12726 S. WESTERN AV ARCO SERVI		ERNS	
LOS ANGELES COUNTY	S103340260	SC. CAL. DISPOSAL AKA HAMILTON AVE	186TH AND VERMONT AVE		SWF/LF	19-AA-5544

GEOCHECK VERSION 2.1 ADDENDUM STATE DATABASE WELL INFORMATION

Water Wells:

Well Within >2 Miles of Target Property (Northern Quadrant)

Water System Information:

Prime Station Code:	02S/15W-11C02 S	User ID:	4TH
FRDS Number Number:	1910146009	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	340058.0 1181800.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	CHARNOCK WELL 17 - DESTROYED		
System Number:	1910146		
System Name:	SANTA MONICA-CITY, WATER DIVISION		
Organization That Operates System:	1212 FIFTH ST., 3RD FLOOR SANTA MONICA, CA 90401		
Pop Served:	86905	Connections:	15905
Area Served:	SANTA MONICA		

Well Within 1 - 2 Miles of Target Property (Eastern Quadrant)

Water System Information:

Prime Station Code:	02S/13W-21E01 S	User ID:	MET
FRDS Number Number:	1910077001	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	335900.0 1181500.0	Precision:	Undefined
Source Name:	GOODYEAR WELL 04		
System Number:	1910077		
System Name:	SCWC - FLORENCE/GRAHAM		
Organization That Operates System:	P.O. BOX 9016 ST SAN DIMAS, CA 91773		
Pop Served:	26863	Connections:	9350
Area Served:	FLORENCE GRAHAM		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	09/27/1988	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	09/27/1988	Findings:	760.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/27/1988	Findings:	8.050
Chemical:	PH (LABORATORY)		
Sample Collected:	09/27/1988	Findings:	204.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/27/1988	Findings:	249.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/27/1988	Findings:	287.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/27/1988	Findings:	87.300 MG/L
Chemical:	CALCIUM		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	09/27/1988	Findings:	16.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/27/1988	Findings:	43.100 MG/L
Chemical:	SODIUM		
Sample Collected:	09/27/1988	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/27/1988	Findings:	42.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/27/1988	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/27/1988	Findings:	454.700 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/27/1988	Findings:	12.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/27/1988	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/14/1989	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/14/1989	Findings:	3.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/14/1989	Findings:	.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/14/1989	Findings:	12.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/29/1989	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/29/1989	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/29/1989	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/29/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/02/1990	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/12/1991	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	09/12/1991	Findings:	730.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/12/1991	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	09/12/1991	Findings:	210.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/12/1991	Findings:	255.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/12/1991	Findings:	.860 MG/L
Chemical:	CARBONATE ALKALINITY		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	09/12/1991	Findings:	277.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/12/1991	Findings:	79.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/12/1991	Findings:	19.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/12/1991	Findings:	43.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/12/1991	Findings:	3.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/12/1991	Findings:	44.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/12/1991	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/12/1991	Findings:	36.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	09/12/1991	Findings:	.080 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	09/12/1991	Findings:	440.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/12/1991	Findings:	.400
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	09/12/1991	Findings:	10.560 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/12/1991	Findings:	1.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	04/14/1992	Findings:	.410 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	04/14/1992	Findings:	120.000 UG/L
Chemical:	BARIUM		
Sample Collected:	04/14/1992	Findings:	12.320 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/18/1994	Findings:	19.400 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	08/18/1994	Findings:	770.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/18/1994	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/18/1994	Findings:	214.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/18/1994	Findings:	261.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/18/1994	Findings:	292.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/18/1994	Findings:	83.000 MG/L
Chemical:	CALCIUM		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	08/18/1994	Findings:	19.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/18/1994	Findings:	45.500 MG/L
Chemical:	SODIUM		
Sample Collected:	08/18/1994	Findings:	3.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/18/1994	Findings:	47.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/18/1994	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/18/1994	Findings:	454.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/18/1994	Findings:	13.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/18/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/26/1995	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/26/1995	Findings:	105.000 UG/L
Chemical:	BARIUM		
Sample Collected:	05/26/1995	Findings:	54.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	05/26/1995	Findings:	14.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/26/1995	Findings:	3341.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/22/1996	Findings:	13.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/07/1997	Findings:	6.200 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	03/07/1997	Findings:	3.800 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	03/07/1997	Findings:	4.800 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	03/07/1997	Findings:	50.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/07/1997	Findings:	64.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

Well Within >2 Miles of Target Property (Southern Quadrant)

Water System Information:

Prime Station Code:	02S/13W-32R16 S	User ID:	MET
FRDS Number Number:	1910067010	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	335650.0 1181526.7	Precision:	1 Mile (One Minute)
Source Name:	99 TH STREET WELL 13		

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

System Number: 1910067
 System Name: LOS ANGELES-CITY, DEPT. OF WATER & POWER
 Organization That Operates System:
 P.O. BOX 51111, ROOM 1420
 LOS ANGELES, CA 90051
 Pop Served: 3700000 Connections: 657422
 Area Served: LOS ANGELES

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	09/15/1987	Findings:	22.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	09/15/1987	Findings:	4.000 UNITS
Chemical:	COLOR		
Sample Collected:	09/15/1987	Findings:	544.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/15/1987	Findings:	8.100
Chemical:	FIELD PH		
Sample Collected:	09/15/1987	Findings:	7.690
Chemical:	PH (LABORATORY)		
Sample Collected:	09/15/1987	Findings:	182.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	09/15/1987	Findings:	.030 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	09/15/1987	Findings:	161.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	09/15/1987	Findings:	48.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/15/1987	Findings:	9.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/15/1987	Findings:	48.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/15/1987	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/15/1987	Findings:	21.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/15/1987	Findings:	.330 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/15/1987	Findings:	23.000 MG/L
Chemical:	SILICA		
Sample Collected:	09/15/1987	Findings:	.090 UG/L
Chemical:	BORON		
Sample Collected:	09/15/1987	Findings:	30.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	09/15/1987	Findings:	.030 UG/L
Chemical:	IODIDE		
Sample Collected:	09/26/1989	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/26/1989	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	09/26/1989	Findings:	.900 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/20/1989	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/20/1989	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/26/1990	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/26/1990	Findings:	1.400 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/26/1990	Findings:	.600 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	06/26/1990	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/08/1990	Findings:	22.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	08/08/1990	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/08/1990	Findings:	525.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/08/1990	Findings:	7.800
Chemical:	FIELD PH		
Sample Collected:	08/08/1990	Findings:	8.180
Chemical:	PH (LABORATORY)		
Sample Collected:	08/08/1990	Findings:	175.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/08/1990	Findings:	172.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/08/1990	Findings:	52.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/08/1990	Findings:	10.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/08/1990	Findings:	49.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/08/1990	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/08/1990	Findings:	22.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/08/1990	Findings:	.380 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/08/1990	Findings:	338.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/08/1990	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/16/1993	Findings:	18.400 C
Chemical:	SOURCE TEMPERATURE C		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	02/16/1993	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/16/1993	Findings:	560.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/16/1993	Findings:	7.530
Chemical:	FIELD PH		
Sample Collected:	02/16/1993	Findings:	8.050
Chemical:	PH (LABORATORY)		
Sample Collected:	02/16/1993	Findings:	183.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	02/16/1993	Findings:	223.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/16/1993	Findings:	.210 MG/L
Chemical:	AMMONIA (NH ₃ -N)		
Sample Collected:	02/16/1993	Findings:	.040 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	02/16/1993	Findings:	194.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	02/16/1993	Findings:	58.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/16/1993	Findings:	11.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/16/1993	Findings:	36.800 MG/L
Chemical:	SODIUM		
Sample Collected:	02/16/1993	Findings:	22.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/16/1993	Findings:	.370 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/16/1993	Findings:	23.200 MG/L
Chemical:	SILICA		
Sample Collected:	02/16/1993	Findings:	.250 UG/L
Chemical:	BORON		
Sample Collected:	02/16/1993	Findings:	116.000 UG/L
Chemical:	IRON		
Sample Collected:	02/16/1993	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/16/1993	Findings:	1.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/16/1993	Findings:	364.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/16/1993	Findings:	.520
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/16/1993	Findings:	20.000
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/16/1993	Findings:	.020 UG/L
Chemical:	IODIDE		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	02/16/1993	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/22/1993	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/22/1993	Findings:	1.400 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/21/1993	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/21/1993	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/12/1996	Findings:	21.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/12/1996	Findings:	6.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/12/1996	Findings:	539.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/12/1996	Findings:	7.940
Chemical:	PH (LABORATORY)		
Sample Collected:	03/12/1996	Findings:	187.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/12/1996	Findings:	228.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/12/1996	Findings:	.260 MG/L
Chemical:	AMMONIA (NH3-N)		
Sample Collected:	03/12/1996	Findings:	.040 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/12/1996	Findings:	182.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/12/1996	Findings:	58.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/12/1996	Findings:	10.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/12/1996	Findings:	45.200 MG/L
Chemical:	SODIUM		
Sample Collected:	03/12/1996	Findings:	3.630 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/12/1996	Findings:	21.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/12/1996	Findings:	.220 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/12/1996	Findings:	23.000 MG/L
Chemical:	SILICA		
Sample Collected:	03/12/1996	Findings:	.240 UG/L
Chemical:	BORON		
Sample Collected:	03/12/1996	Findings:	66.000 UG/L
Chemical:	MANGANESE		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	03/12/1996	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/12/1996	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/12/1996	Findings:	337.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/12/1996	Findings:	.560
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/12/1996	Findings:	.020 UG/L
Chemical:	IODIDE		
Sample Collected:	03/12/1996	Findings:	.250 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/07/1996	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/07/1996	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/06/1996	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/06/1996	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/25/1996	Findings:	34.100 UG/L
Chemical:	MANGANESE		
Sample Collected:	10/17/1996	Findings:	33.900 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/21/1996	Findings:	41.800 UG/L
Chemical:	MANGANESE		
Sample Collected:	12/03/1996	Findings:	47.900 UG/L
Chemical:	MANGANESE		
Sample Collected:	12/03/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/03/1996	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/03/1996	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/03/1996	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		

Well Within 1 - 2 Miles of Target Property (Western Quadrant)

Water System Information:

Prime Station Code:	02S/14W-23H12 S	User ID:	MET
FRDS Number Number:	1910067049	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	335900.0 1181800.0	Precision:	Undefined
Source Name:	MANHATTAN WELL 01-A		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

System Number: 1910067
System Name: LOS ANGELES-CITY, DEPT. OF WATER & POWER
Organization That Operates System:
P.O. BOX 51111, ROOM 1420
LOS ANGELES, CA 90051

Pop Served: 3700000 Connections: 657422
Area Served: LOS ANGELES

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	07/10/1989	Findings:	3.500 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/10/1989	Findings:	1.700 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/10/1989	Findings:	17.000 PC/L
Chemical:	GROSS BETA		
Sample Collected:	07/10/1989	Findings:	2.200 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	07/10/1989	Findings:	.200 PC/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	09/18/1989	Findings:	3.000 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/18/1989	Findings:	1.600 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/18/1989	Findings:	4.500 PC/L
Chemical:	GROSS BETA		
Sample Collected:	09/18/1989	Findings:	1.100 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/20/1990	Findings:	2.900 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/20/1990	Findings:	1.900 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/20/1990	Findings:	5.200 PC/L
Chemical:	GROSS BETA		
Sample Collected:	06/20/1990	Findings:	1.500 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/20/1990	Findings:	17.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/20/1990	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/20/1990	Findings:	707.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/20/1990	Findings:	7.600
Chemical:	FIELD PH		
Sample Collected:	06/20/1990	Findings:	7.510
Chemical:	PH (LABORATORY)		
Sample Collected:	06/20/1990	Findings:	200.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/20/1990	Findings:	265.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	06/20/1990	Findings:	80.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/20/1990	Findings:	16.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/20/1990	Findings:	48.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/20/1990	Findings:	3.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/20/1990	Findings:	44.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/20/1990	Findings:	.550 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/20/1990	Findings:	200.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/20/1990	Findings:	367.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/20/1990	Findings:	.100
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	06/20/1990	Findings:	13.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/20/1990	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/04/1990	Findings:	2.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/04/1990	Findings:	2.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/09/1993	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/09/1993	Findings:	680.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/09/1993	Findings:	7.650
Chemical:	PH (LABORATORY)		
Sample Collected:	02/09/1993	Findings:	197.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/09/1993	Findings:	240.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/09/1993	Findings:	.200 UG/L
Chemical:	NITRITE NITROGEN (NO2-N)		
Sample Collected:	02/09/1993	Findings:	.090 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	02/09/1993	Findings:	269.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/09/1993	Findings:	75.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/09/1993	Findings:	19.500 MG/L
Chemical:	MAGNESIUM		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	02/09/1993	Findings:	39.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/09/1993	Findings:	49.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/09/1993	Findings:	.440 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/09/1993	Findings:	23.500 MG/L
Chemical:	SILICA		
Sample Collected:	02/09/1993	Findings:	172.000 UG/L
Chemical:	BARIUM		
Sample Collected:	02/09/1993	Findings:	.230 UG/L
Chemical:	BORON		
Sample Collected:	02/09/1993	Findings:	11.900 UG/L
Chemical:	NICKEL		
Sample Collected:	02/09/1993	Findings:	4.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/09/1993	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/09/1993	Findings:	5.600 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	02/09/1993	Findings:	1.600 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/09/1993	Findings:	446.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/09/1993	Findings:	.260
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/09/1993	Findings:	20.000
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/09/1993	Findings:	9.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/09/1993	Findings:	.020 UG/L
Chemical:	IODIDE		
Sample Collected:	02/09/1993	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/23/1993	Findings:	3.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/23/1993	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/23/1993	Findings:	4.400 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/23/1993	Findings:	1.900 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/21/1993	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/21/1993	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	09/21/1993	Findings:	1.400 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	04/30/1996	Findings:	23.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	04/30/1996	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	04/30/1996	Findings:	700.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/30/1996	Findings:	7.660
Chemical:	PH (LABORATORY)		
Sample Collected:	04/30/1996	Findings:	194.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	04/30/1996	Findings:	237.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/30/1996	Findings:	.040 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	04/30/1996	Findings:	279.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	04/30/1996	Findings:	78.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/30/1996	Findings:	17.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/30/1996	Findings:	48.100 MG/L
Chemical:	SODIUM		
Sample Collected:	04/30/1996	Findings:	3.590 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/30/1996	Findings:	55.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/30/1996	Findings:	.330 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	04/30/1996	Findings:	24.300 MG/L
Chemical:	SILICA		
Sample Collected:	04/30/1996	Findings:	173.000 UG/L
Chemical:	BARIUM		
Sample Collected:	04/30/1996	Findings:	.280 UG/L
Chemical:	BORON		
Sample Collected:	04/30/1996	Findings:	4.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/30/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/30/1996	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	04/30/1996	Findings:	.100 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	04/30/1996	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Sample Collected:	04/30/1996	Findings:	452.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/30/1996	Findings:	.430
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	04/30/1996	Findings:	13.290 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/30/1996	Findings:	.030 UG/L
Chemical:	IODIDE		
Sample Collected:	04/30/1996	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	04/30/1996	Findings:	3000.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/12/1996	Findings:	5.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/12/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/12/1996	Findings:	6.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/12/1996	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/12/1996	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	08/06/1996	Findings:	5.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/06/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/06/1996	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/06/1996	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	10/17/1996	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/17/1996	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/17/1996	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/22/1997	Findings:	16.390 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/22/1997	Findings:	3700.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

GEOCHECK VERSION 2.1
PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

PWS SUMMARY:

PWS ID:	CA1910167	PWS Status:	Active	Distance from TP:	>2 Miles
Date Initiated:	June / 1977	Date Deactivated:	Not Reported	Dir relative to TP:	East
PWS Name:	VERNON-CITY, WATER DEPT. 4305 SANTA FE AVE VERNON, CA 90058				

Addressee / Facility: Not Reported

Facility Latitude:	34 00 14	Facility Longitude:	118 13 45
City Served:	VERNON		
Treatment Class:	Mixed (treated and untreated)	Population Served:	10,001 - 50,000 Persons

PWS currently has or has had major violation(s): No

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL ASTM RECORDS:

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

Source: EPA

Telephone: 703-413-0223

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

Date of Government Version: 11/10/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/29/98

Elapsed ASTM days: 31

Date of Last EDR Contact: 12/02/98

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: 12/31/98

Date Made Active at EDR: 01/18/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/13/99

Elapsed ASTM days: 5

Date of Last EDR Contact: 01/04/99

NPL: National Priority List

Source: EPA

Telephone: 703-603-8852

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).

Date of Government Version: 10/08/98

Date Made Active at EDR: 01/08/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/29/98

Elapsed ASTM days: 10

Date of Last EDR Contact: 02/08/99

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: 10/01/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/28/98

Elapsed ASTM days: 32

Date of Last EDR Contact: 01/25/99

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/01/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/28/98

Elapsed ASTM days: 32

Date of Last EDR Contact: 12/22/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDERAL NON-ASTM 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: 12/31/95

Database Release Frequency: Biennially

Date of Last EDR Contact: 12/21/98

Date of Next Scheduled EDR Contact: 03/22/99

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: Varies

Database Release Frequency: Varies

Date of Last EDR Contact: Varies

Date of Next Scheduled EDR Contact: N/A

FINDS: Facility Index System

Source: EPA/NTIS

Telephone: 703-908-2493

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

Date of Government Version: 09/30/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/23/98

Date of Next Scheduled EDR Contact: 03/29/99

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4526

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

Date of Government Version: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 01/25/99

Date of Next Scheduled EDR Contact: 04/26/99

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

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

Date of Government Version: 12/08/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/01/98

Date of Next Scheduled EDR Contact: 03/01/99

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/23/98

Date of Next Scheduled EDR Contact: 02/22/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3936

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: 09/22/97

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/03/98

Date of Next Scheduled EDR Contact: 02/15/99

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

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

Date of Government Version: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/15/98

Date of Next Scheduled EDR Contact: 03/15/99

ROD: Records Of Decision

Source: NTIS

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: 03/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 02/16/99

Date of Next Scheduled EDR Contact: 04/19/99

TRIS: Toxic Chemical Release Inventory System

Source: EPA/NTIS

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: 12/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 12/28/98

Date of Next Scheduled EDR Contact: 03/29/99

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-1444

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

Date of Government Version: 12/31/94

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 01/25/99

Date of Next Scheduled EDR Contact: 04/26/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF CALIFORNIA ASTM RECORDS:

CAL-SITES (ASPIS): Calsites

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: 10/30/98
Date Made Active at EDR: 12/07/98
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/03/98
Elapsed ASTM days: 34
Date of Last EDR Contact: 12/08/98

CORTESE: Cortese

Source: CAL EPA/Office of Emergency Information
Telephone: 916-327-1848

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: 04/01/98
Date Made Active at EDR: 09/23/98
Database Release Frequency: Annually

Date of Data Arrival at EDR: 08/26/98
Elapsed ASTM days: 28
Date of Last EDR Contact: 02/03/99

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board
Telephone: 916-445-6532

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: 08/01/98
Date Made Active at EDR: 01/13/99
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/08/98
Elapsed ASTM days: 36
Date of Last EDR Contact: 02/08/99

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board
Telephone: 916-255-4035

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/21/98
Date Made Active at EDR: 01/13/99
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/10/98
Elapsed ASTM days: 34
Date of Last EDR Contact: 12/21/98

CA UST:

UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board
Telephone: 916-227-4408

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

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

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 01/22/99

FID: Facility Inventory Database

Source: California Environmental Protection Agency
Telephone: 916-445-6532

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF CALIFORNIA NON-ASTM 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: 11/01/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/08/99

Date of Next Scheduled EDR Contact: 05/10/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CALIFORNIA COUNTY RECORDS

ALAMEDA COUNTY:

Underground Tanks

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

Date of Government Version: 04/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/12/99
Date of Next Scheduled EDR Contact: 05/03/99

Local Oversight Program Listing of UGT Cleanup Sites

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

Date of Government Version: 10/01/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/12/99
Date of Next Scheduled EDR Contact: 05/03/99

KERN COUNTY:

UST: Sites & Tanks Listing

Source: Kern County Environment Health Services Department
Telephone: 805-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 01/05/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/07/98
Date of Next Scheduled EDR Contact: 03/08/99

LOS ANGELES COUNTY:

SWF/LF: List of Solid Waste Facilities

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

Date of Government Version: 01/31/96
Database Release Frequency: Annually

Date of Last EDR Contact: 11/30/98
Date of Next Scheduled EDR Contact: 02/22/99

MARIN COUNTY:

UST Sites

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

Date of Government Version: 12/01/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/10/99
Date of Next Scheduled EDR Contact: 05/10/99

NAPA COUNTY:

LUST: Sites With Reported Contamination

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

Date of Government Version: 10/27/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/21/98
Date of Next Scheduled EDR Contact: 03/22/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Closed and Operating Underground Storage Tank Sites

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

Date of Government Version: 02/17/98
Database Release Frequency: Annually

Date of Last EDR Contact: 12/21/98

Date of Next Scheduled EDR Contact: 03/22/99

ORANGE COUNTY:**LUST: 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: 07/02/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/14/98

Date of Next Scheduled EDR Contact: 03/15/99

UST: 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: 12/30/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/14/98

Date of Next Scheduled EDR Contact: 03/15/99

RIVERSIDE COUNTY:**LUST: 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: 10/07/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/25/99

Date of Next Scheduled EDR Contact: 04/26/99

UST: Tank List

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

Date of Government Version: 10/05/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/25/99

Date of Next Scheduled EDR Contact: 04/26/99

SACRAMENTO COUNTY:**Toxistsite List**

Source: Sacramento County Environmental Management
Telephone: 916-875-8450

Date of Government Version: 02/02/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/15/98

Date of Next Scheduled EDR Contact: 05/10/99

SAN DIEGO COUNTY:**SWF/LF: Solid Waste Facilities**

Source: Department of Health Services
Telephone: 619-338-2209

San Diego County Solid Waste Facilities.

Date of Government Version: 07/01/98
Database Release Frequency: Annually

Date of Last EDR Contact: 12/02/98

Date of Next Scheduled EDR Contact: 03/01/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN FRANCISCO COUNTY:

LUST: Local Oversight Facilities

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

Date of Government Version: 08/26/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/08/99
Date of Next Scheduled EDR Contact: 04/19/99

Underground Storage Tank Information

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

Date of Government Version: 11/01/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/16/98
Date of Next Scheduled EDR Contact: 02/15/99

SAN MATEO COUNTY:

LUST: Fuel Leak List

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

Date of Government Version: 10/02/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/08/99
Date of Next Scheduled EDR Contact: 05/03/99

SANTA CLARA COUNTY:

LUST: Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-927-0710

Date of Government Version: 09/01/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/08/99
Date of Next Scheduled EDR Contact: 04/05/99

SOLANO COUNTY:

LUST: Leaking Underground Storage Tanks

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

Date of Government Version: 12/02/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/01/98
Date of Next Scheduled EDR Contact: 02/22/99

UST: Underground Storage Tanks

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

Date of Government Version: 07/15/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/01/98
Date of Next Scheduled EDR Contact: 02/22/99

SONOMA COUNTY:

LUST Sites

Source: Department of Health Services
Telephone: 707-525-6565

Date of Government Version: 10/26/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/08/99
Date of Next Scheduled EDR Contact: 05/03/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SUTTER COUNTY:

UST: Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-741-7504

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/11/99
Date of Next Scheduled EDR Contact: 04/12/99

VENTURA COUNTY:

LUST: 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: 09/30/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/21/98
Date of Next Scheduled EDR Contact: 03/22/99

UST: 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: 12/29/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/21/98
Date of Next Scheduled EDR Contact: 03/22/99

SWF/LF: 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: 06/01/97
Database Release Frequency: Annually

Date of Last EDR Contact: 11/30/98
Date of Next Scheduled EDR Contact: 03/01/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

Date of Government Version: 10/14/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/30/98
Date of Next Scheduled EDR Contact: 03/01/99

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 10/28/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/28/99
Date of Next Scheduled EDR Contact: 04/19/99

LUST REG 3: LUSTIS Database

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

Date of Government Version: 11/01/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/24/98
Date of Next Scheduled EDR Contact: 02/22/99

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-7544

Date of Government Version: 08/13/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/05/99
Date of Next Scheduled EDR Contact: 04/05/99

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: 07/22/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/11/99
Date of Next Scheduled EDR Contact: 04/12/99

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 07/14/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/15/99
Date of Next Scheduled EDR Contact: 04/12/99

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/16/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/17/98
Date of Next Scheduled EDR Contact: 03/15/99

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 11/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/30/98
Date of Next Scheduled EDR Contact: 03/01/99

LUST REG 8: (LUSTIS) Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

Date of Government Version: 10/22/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/13/99
Date of Next Scheduled EDR Contact: 04/12/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 619-467-2952

Date of Government Version: 06/25/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/29/99

Date of Next Scheduled EDR Contact: 04/26/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/14/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/30/98
Date of Next Scheduled EDR Contact: 03/01/99

SLIC REG 2: North and South Bay Slc Report

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 10/26/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/26/98
Date of Next Scheduled EDR Contact: 01/18/99

SLIC REG 3: SLIC Data

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

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/24/98
Date of Next Scheduled EDR Contact: 02/22/99

SLIC REG 4: SLIC Sites

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-7544

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 07/01/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/11/99
Date of Next Scheduled EDR Contact: 04/05/99

SLIC REG 5: SLIC List

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 groundwater.

Date of Government Version: 10/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/01/99
Date of Next Scheduled EDR Contact: 04/12/99

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: 09/23/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/11/99
Date of Next Scheduled EDR Contact: 04/12/99

SLIC REG 8: SLIC List

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 10/31/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/15/99
Date of Next Scheduled EDR Contact: 04/12/99

SLIC REG 9: WDS NURD List

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 619-467-2980

Date of Government Version: 11/21/96
Database Release Frequency: Annually

Date of Last EDR Contact: 12/11/98
Date of Next Scheduled EDR Contact: 03/08/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Historical and 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.

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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DELISTED NPL: NPL Deletions

Source: EPA

Telephone: 703-603-8769

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

Date of Government Version: 10/08/98

Date Made Active at EDR: 01/08/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/29/98

Elapsed ASTM days: 10

Date of Last EDR Contact: 02/08/99

NFRAP: 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: 11/10/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/29/98

Elapsed ASTM days: 31

Date of Last EDR Contact: 12/02/98

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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: 202-260-2805

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Area Radon Information: 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: Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

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.

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.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1996 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 March 1997 from the U.S. Fish and Wildlife Service.

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

Water Dams: National Inventory of Dams
Source: Federal Emergency Management Agency
Telephone: 202-646-2801
National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

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.

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 and 6
Source: Department of Conservation
Telephone: 916-323-1779