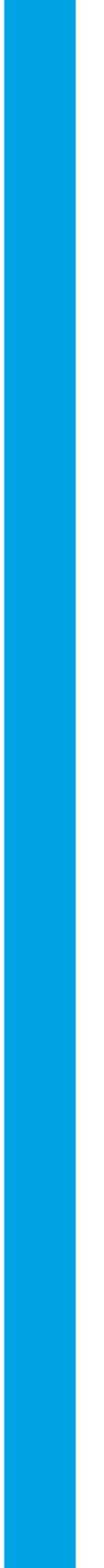


APPENDIX H – EDR Hazardous Database Search



Devils Gate Reservoir

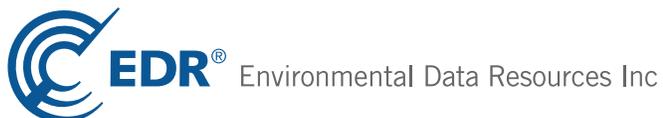
940 Ventura Street

LA Canada Flintridge, CA 91011

Inquiry Number: 3110824.2s

June 30, 2011

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
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 was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

940 VENTURA STREET
LA CANADA FLINTRIDGE, CA 91011

COORDINATES

Latitude (North): 34.192700 - 34° 11' 33.7"
Longitude (West): 118.172200 - 118° 10' 19.9"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 391989.7
UTM Y (Meters): 3783948.5
Elevation: 1040 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 34118-B2 PASADENA, CA
Most Recent Revision: 1994

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2005
Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL..... Proposed National Priority List Sites

EXECUTIVE SUMMARY

NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

EXECUTIVE SUMMARY

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
WMUDS/SWAT..... Waste Management Unit Database
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
SCH..... School Property Evaluation Program
Toxic Pits..... Toxic Pits Cleanup Act Sites
AOCONCERN..... San Gabriel Valley Areas of Concern
CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System
LIENS..... Environmental Liens Listing
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems

EXECUTIVE SUMMARY

ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN.....	Bond Expenditure Plan
NPDES.....	NPDES Permits Listing
WDS.....	Waste Discharge System
Notify 65.....	Proposition 65 Records
LA Co. Site Mitigation.....	Site Mitigation List
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
LOS ANGELES CO. HMS.....	HMS: Street Number List
HAZNET.....	Facility and Manifest Data
EML.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
PROC.....	Certified Processors Database
MWMP.....	Medical Waste Management Program Listing
COAL ASH DOE.....	Sleam-Electric Plan Operation Data

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations.. EDR Proprietary Historic Gas Stations

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 03/31/2011 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JET PROPULSION LABORATORY	4800 OAK GROVE DRIVE	WNW 1/4 - 1/2 (0.278 mi.)	B12	48

Federal CERCLIS list

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

A review of the CERCLIS list, as provided by EDR, and dated 02/25/2011 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JET PROPULSION LABORATORY	4800 OAK GROVE DRIVE	WNW 1/4 - 1/2 (0.278 mi.)	B12	48

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/11/2011 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EXXONMOBIL CORP 13-408	2172 YUCCA LN	ESE 1/8 - 1/4 (0.213 mi.)	8	14

EXECUTIVE SUMMARY

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/11/2011 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AUDUBON ELEMENTARY SCHOOL	725 W ALTADENA DR	ESE 1/8 - 1/4 (0.243 mi.)	9	15

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 03/16/2011 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JET PROPULSION LABORATORY	4800 OAK GROVE DRIVE	WNW 1/4 - 1/2 (0.278 mi.)	B12	48

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 05/10/2011 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JET PROPULSION LABORATORY Status: Active	4800 OAK GROVE DR	WNW 1/4 - 1/2 (0.278 mi.)	B11	21
CRYSTAL CLEANERS Status: Inactive - Action Required	444 FOOTHILL BLVD.	WNW 1/2 - 1 (0.853 mi.)	20	100

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, and dated 04/29/2011 has revealed that there are 9 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OAK GROVE RANGER STATION Status: Completed - Case Closed	4600 OAK GROVE DR	WNW 1/8 - 1/4 (0.191 mi.)	3	8
FLINTRIDGE RIDING CLUB Status: Completed - Case Closed	4625 OAK GROVE DR	WNW 1/8 - 1/4 (0.197 mi.)	A7	12
NASA/JET PROPULSION LABORATORI Status: Open - Site Assessment	4800 OAK GROVE DRIVE	WNW 1/4 - 1/2 (0.276 mi.)	B10	17
PACIFIC BELL Status: Completed - Case Closed	4815 OAK GROVE AVE	WNW 1/4 - 1/2 (0.284 mi.)	B13	87
CALIFORNIA HIGHWAY PATROL Status: Completed - Case Closed	2130 WINDSOR AVE.	ESE 1/4 - 1/2 (0.304 mi.)	C14	92
USDA FOREST SERVICE, OAK CALTRANS MAINTENANCE STATION Status: Open - Site Assessment	OAK GROVE DR N 2122 NORTH WINDSOR AVEN	WNW 1/4 - 1/2 (0.305 mi.) ESE 1/4 - 1/2 (0.308 mi.)	15 C16	93 94
SZKIBA AUTO (FORMER) Status: Completed - Case Closed	3081 LINCOLN BLVD N	ESE 1/4 - 1/2 (0.432 mi.)	D17	95
E & J ALTADENA PLAZA Status: Open - Site Assessment	575 ALTADENA DR. W	ESE 1/4 - 1/2 (0.466 mi.)	D18	98

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 04/29/2011 has revealed that there is 1 SLIC site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NASA/JET PROPULSION LABORATORI Facility Status: Open - Remediation	4800 OAK GROVE DRIVE	WNW 1/4 - 1/2 (0.276 mi.)	B10	17

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there

EXECUTIVE SUMMARY

is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>JET PROPULSION LABORATORY</i>	<i>4800 OAK GROVE DR</i>	<i>WNW 1/4 - 1/2 (0.278 mi.)</i>	<i>B11</i>	<i>21</i>

Local Lists of Registered Storage Tanks

CA FID UST: 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 UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>FLINTRIDGE RIDING CLUB</i>	<i>4625 OAK GROVE DR</i>	<i>WNW 1/8 - 1/4 (0.197 mi.)</i>	<i>A5</i>	<i>11</i>

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>FLINTRIDGE RIDING CLUB</i>	<i>4625 OAK GROVE DR</i>	<i>WNW 1/8 - 1/4 (0.197 mi.)</i>	<i>A6</i>	<i>11</i>

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>FLINTRIDGE RIDING CLUB</i>	<i>4625 OAK GROVE DR</i>	<i>WNW 1/8 - 1/4 (0.197 mi.)</i>	<i>A5</i>	<i>11</i>

Other Ascertainable Records

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 12/31/2009 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>JET PROPULSION LAB</i>		<i>NNW 1/2 - 1 (0.693 mi.)</i>	<i>19</i>	<i>99</i>

EXECUTIVE SUMMARY

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

A review of the ROD list, as provided by EDR, and dated 02/25/2011 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>JET PROPULSION LABORATORY</i>	<i>4800 OAK GROVE DRIVE</i>	<i>WNW 1/4 - 1/2 (0.278 mi.)</i>	<i>B12</i>	<i>48</i>

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

A review of the Cortese list, as provided by EDR, and dated 04/05/2011 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>JET PROPULSION LABORATORY</i>	<i>4800 OAK GROVE DR</i>	<i>WNW 1/4 - 1/2 (0.278 mi.)</i>	<i>B11</i>	<i>21</i>

HIST CORTESE: 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 [CALSTITES].

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 6 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>JET PROPULSON LABORATORY</i>	<i>4800 OAK GROVE</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>1</i>	<i>8</i>
<i>OAK GROVE RANGER STATION</i>	<i>4600 OAK GROVE DR</i>	<i>WNW 1/8 - 1/4 (0.191 mi.)</i>	<i>3</i>	<i>8</i>
<i>FLINTRIDGE RIDING CLUB</i>	<i>4625 OAK GROVE DR</i>	<i>WNW 1/8 - 1/4 (0.197 mi.)</i>	<i>A6</i>	<i>11</i>
<i>PACIFIC BELL</i>	<i>4815 OAK GROVE AVE</i>	<i>WNW 1/4 - 1/2 (0.284 mi.)</i>	<i>B13</i>	<i>87</i>
<i>USDA FOREST SERVICE, OAK</i>	<i>OAK GROVE DR N</i>	<i>WNW 1/4 - 1/2 (0.305 mi.)</i>	<i>15</i>	<i>93</i>
<i>SZKIBA AUTO (FORMER)</i>	<i>3081 LINCOLN BLVD N</i>	<i>ESE 1/4 - 1/2 (0.432 mi.)</i>	<i>D17</i>	<i>95</i>

EDR PROPRIETARY RECORDS

EDR Proprietary Records

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

A review of the EDR Historical Cleaners list, as provided by EDR, has revealed that there are 2 EDR Historical Cleaners sites within approximately 0.25 miles of the target property.

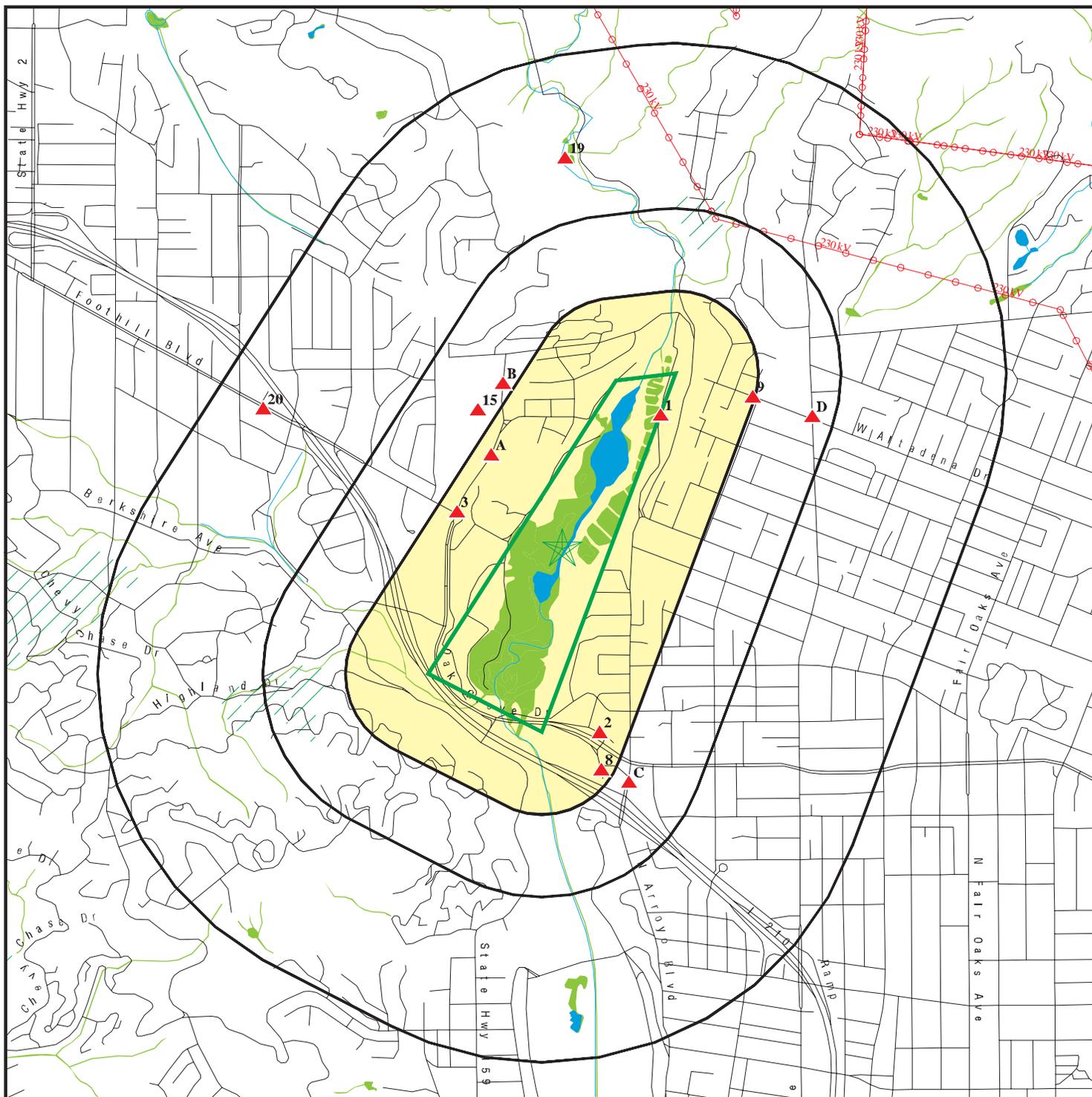
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>FASHION DRY CLEANERS</i>	<i>940 YUCCA AV</i>	<i>ESE 1/8 - 1/4 (0.164 mi.)</i>	<i>2</i>	<i>8</i>
<i>FLINTRIDGE RIDING CLUB</i>	<i>4625 OAK GROVE DR</i>	<i>WNW 1/8 - 1/4 (0.197 mi.)</i>	<i>A4</i>	<i>10</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 17 records.

<u>Site Name</u>	<u>Database(s)</u>
CHILD MAINTENANCE STATIO	HIST CORTESE
NEWCOMB'S INN	HIST CORTESE
FMD BARLEY FLATS	HIST CORTESE
KRATKA RIDGE SKI AREA	HIST CORTESE
SHORT CUT STATION	CA FID UST, SWEEPS UST
KRATKA RIDGE SKI AREA	SWEEPS UST
CAMP VALCREST	SWEEPS UST
CHILAO MAINTENANCE STATION	SWEEPS UST
MOBIL OIL (FORMER)	LUST
USDA FOREST SERVICE	LUST
USDA FOREST SERVICE, OAK GROVE	LUST
CHILAO MAINTENANCE STATION	RCRA-SQG, FINDS, LUST, HIST UST, HAZNET
FMD BARLEY FLATS	LUST
NEWCOMB'S INN	LUST
OAK FLAT	HIST UST
CHILAO RANGER STATION	HIST UST
CAMP VALCREST	HIST UST

OVERVIEW MAP - 3110824.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

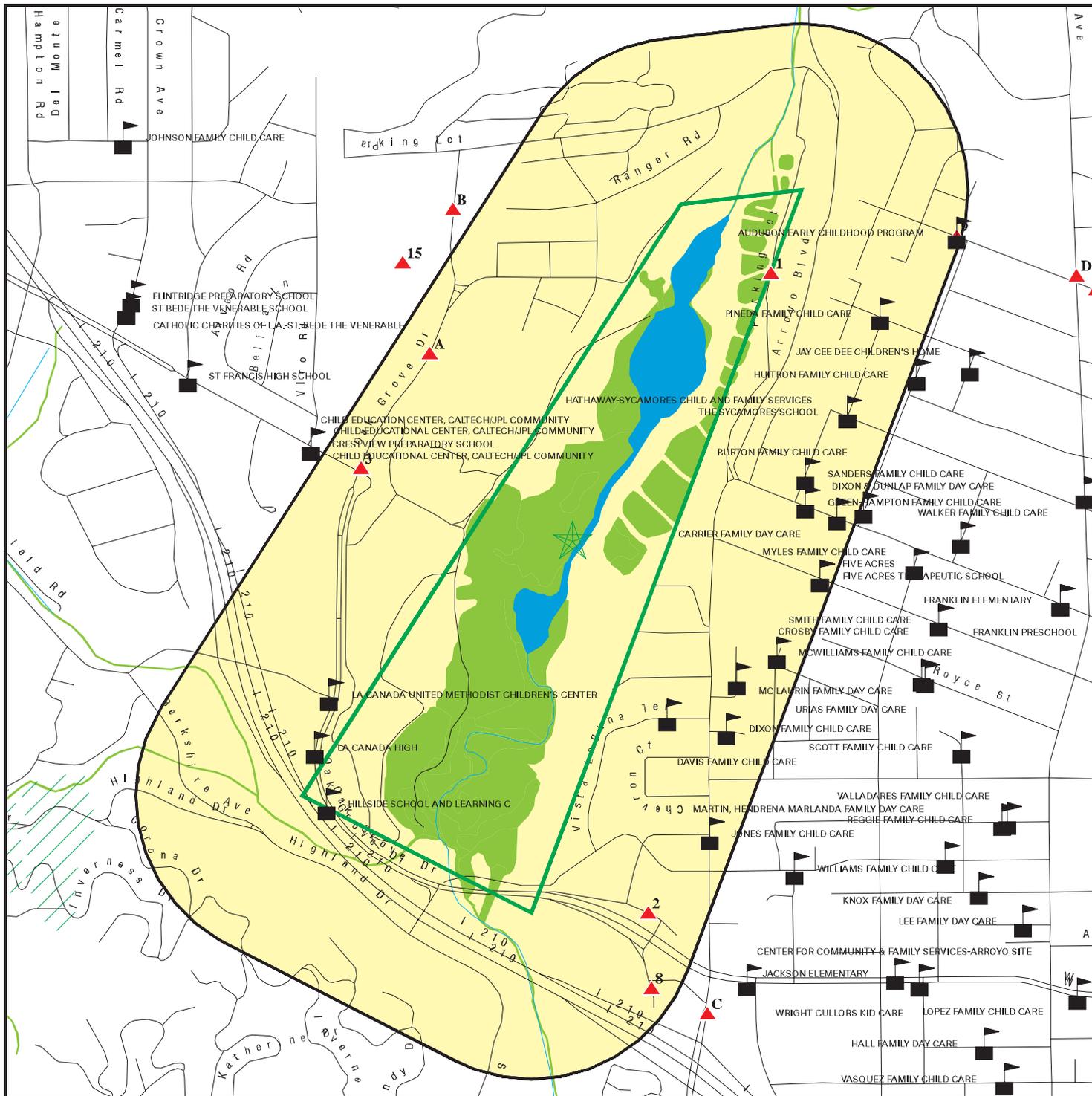


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Devils Gate Reservoir
 ADDRESS: 940 Ventura Street
 LA Canada Flintridge CA 91011
 LAT/LONG: 34.1927 / 118.1722

CLIENT: Gannett Fleming, Inc.
 CONTACT: Joseph Lovewell
 INQUIRY #: 3110824.2s
 DATE: June 30, 2011 9:02 am

DETAIL MAP - 3110824.2s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Oil & Gas pipelines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  Areas of Concern

SITE NAME: Devils Gate Reservoir
ADDRESS: 940 Ventura Street
 LA Canada Flintridge CA 91011
LAT/LONG: 34.1927 / 118.1722

CLIENT: Gannett Fleming, Inc.
CONTACT: Joseph Lovewell
INQUIRY #: 3110824.2s
DATE: June 30, 2011 9:03 am

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

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
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	1	0	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	1	NR	NR	1
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	1	NR	NR	NR	1
RCRA-SQG		0.250	0	1	NR	NR	NR	1
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	1	NR	NR	1
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS		TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE		1.000	0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR		1.000	0	0	1	1	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST		0.500	0	2	7	NR	NR	9
SLIC		0.500	0	0	1	NR	NR	1

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
HAULERS		TP	NR	NR	NR	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
HIST Cal-Sites		1.000	0	0	1	0	NR	1
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
AOCONCERN		1.000	0	0	0	0	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST		0.250	0	1	NR	NR	NR	1
HIST UST		0.250	0	1	NR	NR	NR	1
SWEEPS UST		0.250	0	1	NR	NR	NR	1
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS		TP	NR	NR	NR	NR	NR	0
MCS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	1	NR	1
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	1	0	NR	1
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN		1.000	0	0	0	0	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
WDS		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	0	1	NR	NR	1
HIST CORTESE		0.500	1	2	3	NR	NR	6
Notify 65		1.000	0	0	0	0	NR	0
LA Co. Site Mitigation		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
LOS ANGELES CO. HMS		TP	NR	NR	NR	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
HWP		1.000	0	0	0	0	NR	0
HWT		0.250	0	0	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
PROC		0.500	0	0	0	NR	NR	0
MWMP		0.250	0	0	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	2	NR	NR	NR	2

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAK GROVE RANGER STATION (Continued)

S102434543

[Click here to access the California GeoTracker records for this facility:](#)

LUST:

Global Id: T0603700208
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603700208
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: Not reported
Phone Number: 6264583507

LUST:

Global Id: T0603700208
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Stopped

Global Id: T0603700208
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Reported

Global Id: T0603700208
Action Type: ENFORCEMENT
Date: 1990-12-19 00:00:00
Action: Closure/No Further Action Letter

Global Id: T0603700208
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Discovery

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
facid: 121294-23
Status: Leak being confirmed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603700208
W Global ID: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OAK GROVE RANGER STATION (Continued)

S102434543

Staff: UNK
 Local Agency: 19000
 Cross Street: FOOTHILL FWY
 Enforcement Type: Not reported
 Date Leak Discovered: 8/4/1990
 Date Leak First Reported: 9/26/1990
 Date Leak Record Entered: 9/2/1993
 Date Confirmation Began: 9/26/1990
 Date Leak Stopped: 8/4/1990
 Date Case Last Changed on Database: 9/2/1993
 Date the Case was Closed: Not reported
 How Leak Discovered: Tank Closure
 How Leak Stopped: Not reported
 Cause of Leak: UNK
 Leak Source: UNK
 Operator: ROBERTS, MIKE
 Water System: Not reported
 Well Name: Not reported
 Approx. Dist To Production Well (ft): 2342.8294957377112861022484757
 Source of Cleanup Funding: UNK
 Preliminary Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Remediation Plan Submitted: Not reported
 Remedial Action Underway: Not reported
 Post Remedial Action Monitoring Began: Not reported
 Enforcement Action Date: Not reported
 Historical Max MTBE Date: Not reported
 Hist Max MTBE Conc in Groundwater: Not reported
 Hist Max MTBE Conc in Soil: Not reported
 Significant Interim Remedial Action Taken: Not reported
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Organization: Not reported
 Owner Contact: Not reported
 Responsible Party: USDA FREST SERVICE
 RP Address: 701 N SANTA ANITA AVE, ARCADIA, CA 91006
 Program: LUST
 Lat/Long: 34.1957542 / -1
 Local Agency Staff: Not reported
 Beneficial Use: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Suspended: Not reported
 Assigned Name: Not reported
 Summary: Not reported

A4
WNW
1/8-1/4
0.197 mi.
1038 ft.

FLINTRIDGE RIDING CLUB
4625 OAK GROVE DR
PASADENA, CA
Site 1 of 4 in cluster A

EDR Historical Cleaners 1009162716
N/A

Relative:
Higher

Actual:
1125 ft.

EDR Historical Cleaners:
 Name: FLINTRIDGE RIDING CLUB
 Year: 1971
 Type: CLEANERS AND DYERS

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A5 **FLINTRIDGE RIDING CLUB**
WNW **4625 OAK GROVE DR**
1/8-1/4 **LA CANADA FLINTR, CA 91011**
0.197 mi.
1041 ft. **Site 2 of 4 in cluster A**

CA FID UST **S101618268**
SWEEPS UST **N/A**

Relative:
Higher

CA FID UST:
 Facility ID: 19009381
 Regulated By: UTKNI
 Regulated ID: 00041542
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: Not reported
 Mail To: Not reported
 Mailing Address: 4625 OAK GROVE DR
 Mailing Address 2: Not reported
 Mailing City,St,Zip: LA CANADA FLINTR 91011
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Inactive

Actual:
1125 ft.

SWEEPS UST:
 Status: Not reported
 Comp Number: 12267
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 19-000-012267-000001
 Actv Date: Not reported
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: REG UNLEADED
 Number Of Tanks: 1

A6 **FLINTRIDGE RIDING CLUB**
WNW **4625 OAK GROVE DR**
1/8-1/4 **LA CANADA FLINTRIDGE, CA 91011**
0.197 mi.
1041 ft. **Site 3 of 4 in cluster A**

HIST CORTESE **U001566503**
HIST UST **N/A**

Relative:
Higher

CORTESE:
 Region: CORTESE
 Facility County Code: 19
 Reg By: LTNKA
 Reg Id: R-12267

Actual:
1125 ft.

HIST UST:
 Region: STATE
 Facility ID: 00000041542
 Facility Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLINTRIDGE RIDING CLUB (Continued)

U001566503

Other Type: PRIVATE CLUB
Total Tanks: 0001
Contact Name: DANE WILLIAMS
Telephone: 8187901233
Owner Name: FLINTRIDGE RIDING CLUB
Owner Address: 4625 OAK GROVE DRIVE
Owner City,St,Zip: FLINTRIDGE, CA 91011

Tank Num: 001
Container Num: #1
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 12 gauge
Leak Detection: None

A7
WNW
1/8-1/4
0.197 mi.
1041 ft.

FLINTRIDGE RIDING CLUB
4625 OAK GROVE DR
LA CANADA-FLINTRIDGE, CA 91011
Site 4 of 4 in cluster A

LUST S105051393
N/A

Relative:
Higher
Actual:
1125 ft.

LUST:
Region: STATE
Global Id: T0603705109
Latitude: 34.1962542
Longitude: -118.1763128
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1990-12-19 00:00:00
Lead Agency: LOS ANGELES COUNTY
Case Worker: JA
Local Agency: LOS ANGELES COUNTY
RB Case Number: R-12267
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Aviation
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:
Global Id: T0603705109
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603705109
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLINTRIDGE RIDING CLUB (Continued)

S105051393

City: ALHAMBRA
Email: Not reported
Phone Number: 6264583507

LUST:
Global Id: T0603705109
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
facid: R-12267
Status: Case Closed
Substance: 1
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603705109
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: LAMOUR DR
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 12/19/1990
Date Leak Record Entered: 4/30/1996
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 12/19/1990
Date the Case was Closed: 12/19/1990
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 2375.9067834247255110742611212
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLINTRIDGE RIDING CLUB (Continued)

S105051393

Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: FLINTRIDGE RIDING CLUB
RP Address: 4625 OAK GROVE DR FLINTRIDGE CA 91011
Program: LUST
Lat/Long: 34.1962542 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

8
ESE
1/8-1/4
0.213 mi.
1122 ft.

EXXONMOBIL CORP 13-408
2172 YUCCA LN
ALTADENA, CA 91001

RCRA-LQG 1012176144
CAR000200006

Relative:
Higher

RCRA-LQG:

Actual:
1083 ft.

Date form received by agency: 04/23/2009
Facility name: EXXONMOBIL CORP 13-408
Facility address: 2172 YUCCA LN
ALTADENA, CA 91001
EPA ID: CAR000200006
Mailing address: 882 S MATLACK ST STE C
EMES CO JD2 ENVIRONMENTAL
WEST CHESTER, CA 19382
Contact: DONNA HYMES
Contact address: 882 S MATLACK ST STE C EMES CO JD2 ENVIRONMENTAL
WEST CHESTER, CA 19382
Contact country: US
Contact telephone: 610-430-8151
Contact email: DHYMES@JD2ENV.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: EXXONMOBIL OIL CORP
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXONMOBIL CORP 13-408 (Continued)

1012176144

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/01/1999
Owner/Op end date: Not reported

Owner/operator name: KENT B RILEY
Owner/operator address: 800 NEWPORT CENTER DR
NEWPORT BEACH, CA 92660

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/18/2000
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

9
ESE
1/8-1/4
0.243 mi.
1282 ft.

AUDUBON ELEMENTARY SCHOOL
725 W ALTADENA DR
ALTADENA, CA 91001

RCRA-SQG 1005441338
FINDS CAR000118067

Relative:
Higher

RCRA-SQG:
Date form received by agency: 05/30/2002
Facility name: AUDUBON ELEMENTARY SCHOOL
Facility address: 725 W ALTADENA DR
ALTADENA, CA 91001

Actual:
1243 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUDUBON ELEMENTARY SCHOOL (Continued)

1005441338

EPA ID: CAR000118067
Mailing address: 740 W WOODBURY RD
PASADENA, CA 91003
Contact: RALPH RIVERA
Contact address: 740 W WOODBURY RD
PASADENA, CA 91003
Contact country: US
Contact telephone: (626) 791-9445
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: PASADENA UNIFIED SCHOOL DIST
Owner/operator address: 351 S HUDSON AVE
PASADENA, CA 91109
Owner/operator country: Not reported
Owner/operator telephone: (626) 568-4501
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined
Waste code: D008
Waste name: LEAD

Violation Status: No violations found

FINDS:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AUDUBON ELEMENTARY SCHOOL (Continued)

1005441338

Registry ID: 110012538183

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

B10
WNW
 1/4-1/2
 0.276 mi.
 1459 ft.

NASA/JET PROPULSION LABORATORIES (PASADENA)
4800 OAK GROVE DRIVE
PASADENA, CA
Site 1 of 4 in cluster B

WDS **S104159989**
LUST **N/A**
CA FID UST
SLIC
LOS ANGELES CO. HMS

Relative:
Higher

CA WDS:

Facility ID: 4 19I001524
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
 Subregion: 4
 Facility Telephone: 8183542873
 Facility Contact: HENRY KOYAMATSU
 Agency Name: NASA JPL
 Agency Address: MAILSTOP171-225
 Agency City, St, Zip: PASADENA 91109
 Agency Contact: HENRY KOYAMATSU
 Agency Telephone: 8183542873
 Agency Type: ?
 SIC Code: 0
 SIC Code 2: Not reported
 Primary Waste: Not reported
 Primary Waste Type: Not reported
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: Not reported
 POTW: Not reported
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to

Actual:
1150 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NASA/JET PROPULSION LABORATORIES (PASADENA) (Continued)

S104159989

Complexity: represent no threat to water quality.
Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

LUST:

Region: STATE
Global Id: T0603703875
Latitude: 34.1975781
Longitude: -118.1752098
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 1990-03-09 00:00:00
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Case Worker: Not reported
Local Agency: LOS ANGELES COUNTY
RB Case Number: I-11934
LOC Case Number: I-11934
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST:

Global Id: T0603703875
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603703875
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: Not reported
Phone Number: 6264583507

LUST:

Global Id: T0603703875
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Stopped

Global Id: T0603703875
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NASA/JET PROPULSION LABORATORIES (PASADENA) (Continued)

S104159989

Global Id: T0603703875
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Discovery

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facid: I-11934
Status: Leak being confirmed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603703875
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: 210 FREEWAY
Enforcement Type: Not reported
Date Leak Discovered: 6/22/1995
Date Leak First Reported: 3/9/1990
Date Leak Record Entered: 5/15/1990
Date Confirmation Began: 3/9/1990
Date Leak Stopped: 6/22/1995
Date Case Last Changed on Database: 6/22/1995
Date the Case was Closed: Not reported
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: KEN ADAMS
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 2309.7934697662164964104083198
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: JET PROPULSION LABORATORY
RP Address: 4800 OAK GROVE DR., LA CANADA, 91109
Program: LUST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NASA/JET PROPULSION LABORATORIES (PASADENA) (Continued)

S104159989

Lat/Long: 34.1975781 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: CONTAMINATION 202 TPH

CA FID UST:

Facility ID: 19002476
Regulated By: UTNKA
Regulated ID: 00050516
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8180000000
Mail To: Not reported
Mailing Address: 4800 OAK GROVE DR
Mailing Address 2: Not reported
Mailing City,St,Zip: PASADENA 91109
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SLIC:

Region: STATE
Facility Status: **Open - Remediation**
Status Date: 2010-03-11 00:00:00
Global Id: SL0603788964
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.197576
Longitude: -118.174464
Case Type: Cleanup Program Site
Case Worker: MZ
Local Agency: Not reported
RB Case Number: 117.0001
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Other Groundwater (uses other than drinking water), Soil, Soil Vapor, Surface water, Well used for drinking water supply

Potential Contaminants of Concern: Tetrachloroethylene (PCE), Trichloroethylene (TCE), Perchlorate
Site History: In the 1940's and 1950's, liquid wastes from materials used and produced at JPL (such as solvents, solid and liquid rocket propellants, cooling water chemicals, and analytical laboratory chemicals) were disposed of into seepage pits. Soil and groundwater investigations started at the site in mid-1980's. In October 1992, the site was placed on the USEPA National Priority List of sites governed by CERCLA/Sara. NASA entered into a Federal Facility Agreement (FFA) with USEPA and LARWQCB, and DTSC, and NASA was designated the lead agency responsible for carrying out the CERCLA investigation and cleanup process at JPL. Since September 2002, NASA

Map ID
 Direction
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 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NASA/JET PROPULSION LABORATORIES (PASADENA) (Continued)

S104159989

has been operating an SVE system to remove VOCs from the onsite vadose zone soils. NASA has also been conducting pump and treat of the onsite source area groundwater determined to be contaminated with VOCs and perchlorate. Since March 2005, NASA has been pumping the contaminated ground water and treating it first with liquid-phase granular activated carbon to remove VOCs, and then treating the perchlorate in the extracted groundwater using a fluidized bed reactor. The treated water is then injected back into the aquifer hydraulically upgradient of the extraction wells. Groundwater monitoring has been conducted since August 1996.

Click here to access the California GeoTracker records for this facility:

LOS ANGELES CO. HMS:

Region: LA
 Facility Id: 019564-027847
 Facility Status: Closed
 Area: 29
 Permit Number: 000531746
 Permit Status: Closed
 Facility Type: SS5

B11 **JET PROPULSION LABORATORY**
WNW **4800 OAK GROVE DR**
1/4-1/2 **PASADENA, CA 91109**
0.278 mi.
1469 ft. **Site 2 of 4 in cluster B**

Relative:
Higher

Actual:
1150 ft.

HIST Cal-Sites **U003159486**
WDS **N/A**
Cortese
UST
HIST UST
WIP
HAZNET
EMI
ENVIROSTOR

HISTORICAL CAL-SITES:

Facility ID: 19970008
 Region: 3
 Region Name: GLENDALE
 Branch: SA
 Branch Name: SO CAL - GLENDALE
 File Name: Not reported
 State Senate District: 09201993
 Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
 Status Name: ANNUAL WORKPLAN - ACTIVE SITE
 Lead Agency: DTSC
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
 Facility Type: NPRP
 Type Name: NPL SITE, RP-FUNDED
 NPL: Listed
 SIC Code: 97
 SIC Name: NATIONAL SECURITY/INTERNATIONAL AFFAIRS
 Access: Not reported
 Cortese: Not reported
 Hazardous Ranking Score: Not reported
 Date Site Hazard Ranked: Not reported
 Groundwater Contamination: Confirmed
 Staff Member Responsible for Site: MISKAROU
 Supervisor Responsible for Site: Not reported
 Region Water Control Board: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 44
State Senate District Code: 21
Facility ID: 19970008
Activity: DISC
Activity Name: DISCOVERY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 07111990
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19970008
Activity: SS
Activity Name: SITE SCREENING
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 03211991
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19970008
Activity: ORDER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: FFA
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 12231992
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19970008
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: MOU
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09201993
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19970008
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: OU 2
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09072000
Est Person-Yrs to complete: 0
Estimated Size: L
Request to Delete Activity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19970008
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: OU 1
Proposed Budget: 0
AWP Completion Date: 06302005
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: L
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19970008
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: OU 3
Proposed Budget: 0
AWP Completion Date: 06302006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: L
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19970008
Activity: DES
Activity Name: DESIGN
AWP Code: OU 1
Proposed Budget: 0
AWP Completion Date: 03302006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19970008
Activity: DES
Activity Name: DESIGN
AWP Code: OU 2
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 11302002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19970008
Activity: DES
Activity Name: DESIGN
AWP Code: OU 3
Proposed Budget: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

AWP Completion Date:	06302007
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19970008
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	OU 1
Proposed Budget:	0
AWP Completion Date:	06302007
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19970008
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	OU 3
Proposed Budget:	0
AWP Completion Date:	06302008
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19970008
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: OU 2
Proposed Budget: 0
AWP Completion Date: 07302005
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19970008
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 12312008
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Unknown Type: 0
Facility ID: 19970008
Activity: ROD
Activity Name: RECORD OF DECISION
AWP Code: OU 3
Proposed Budget: 0
AWP Completion Date: 12302006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19970008
Activity: ROD
Activity Name: RECORD OF DECISION
AWP Code: OU 1
Proposed Budget: 0
AWP Completion Date: 12302005
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19970008
Activity: ROD
Activity Name: RECORD OF DECISION
AWP Code: OU2
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09232002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0

Alternate Address: 4800 OAK GROVE DRIVE
Alternate City,St,Zip: PASADENA, CA 91109
Alternate Address: NE OF INTERSTATE 210 (FOOTHILL FREEWAY)
Alternate City,St,Zip: PASADENA, CA 91109

Background Info: The Jet Propulsion Laboratory (JPL) is a NASA owned facility managed by the California Institute of Technology, involved in the research and development of aeronautics, space technology, and space transportation. The 176-acre site is located at the base of the southern rim of the San Gabriel Mountains about 12 miles north of Los Angeles. Up until the early 1950's, the facility used cesspools for disposal of liquid and solid wastes, domestic sewage, chemistry lab wastes, solid and liquid rocket propellants, solvents, cooling tower chemicals, sulfuric acid, freon, mercury, lead and flouride. In 1982, a preliminary hydrologic assessment of VOC's in groundwater was performed, identifying carbon tetrachloride (CCLs), trichloroethylene (TCE) and tetrachloroethylene (PCE) at concentrations above the federal MCLs. The PA/SI, performed in 1988, identified six waste disposal pits on and adjacent to JPL. These pits are suspected of being the major contributors to the contamination of the groundwater. The City of Pasadena wells located down-gradient from JPL contained concentrations of TCE, PCE, CCL4 above the MCLs. A monitoring well installed midway between JPL and the City of Pasadena wells detected the presence of VOCs. JPL then installed a groundwater treatment plant in the Arroyo Seco. In 1990, five monitoring wells were installed during an expanded site investigation (ESI) to collect data.

Not reported

The site was placed on the National Priorities List (NPL) in October 1991. The Federal Facilities Agreement was signed December 23, 1992.

Not reported

The Remedial Investigation (RI) field work, report, and health risk assessment was completed on three Operable Units (OU)s. OU-1 deals with on-site groundwater contamination; OU-2 deals with on-site soil/source contamination; and OU-3 is for the off-site groundwater contamination.

Comments Date: 07111990
Comments: remedial investigation/feasibility study. EPA/CERCLA Site
Comments Date: 07111990
Comments: Pending Status: EPA SITE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Comments Date: 07302000
Comments: OU-2, on-site soil - Finalized Feasibility Study Report.
Comments Date: 07302004
Comments: OU-3 off-site gw - Installed an Ion Exchange Plant to Treat
Comments Date: 07302004
Comments: Groundwater from Lincoln Avenue Water Company Wells: Well No.3
Comments Date: 07302004
Comments: and Well No.5.
Comments Date: 08111989
Comments: Preliminary Assessment done on August 11, 1989 recommends a site
Comments Date: 08111989
Comments: inspection.
Comments Date: 08301999
Comments: OU-1, on-site gw - Finalized Remedial Investigation Report.
Comments Date: 08301999
Comments: OU-3, off-site gw - Finalized Remedial Investigation Report
Comments Date: 08302004
Comments: OU-3, off-site gw - Finalized Action Memorandum for Perchlorate
Comments Date: 08302004
Comments: Treatment for Lincoln Avenue Water Company.
Comments Date: 09201993
Comments: A Memorandum of Agreement for NASA to reimburse the Department
Comments Date: 09201993
Comments: for oversight of remedial activities at JPL was signed. Since
Comments Date: 09201993
Comments: this time, the Department has continued to work on the project.
Comments Date: 09302002
Comments: OU-2, on-site soil - Finalized the Record of Decision.
Comments Date: 10141991
Comments: Site was listed on the NPL on this date.
Comments Date: 10302003
Comments: OU-1, on-site gw - Final Expanded Treatability Study Work Plan
Comments Date: 10302003
Comments: by Battelle.
Comments Date: 11301999
Comments: OU-2, on-site soil - Finalized Remedial Investigation Report.
Comments Date: 11302004
Comments: OU-3, off-site gw - Finalized Remedial Investigation Addendum
Comments Date: 11302004
Comments: Workplan.
Comments Date: 12231992
Comments: Federal Facilities Agreement reached between EPA, DTSC, NASA/JPL
Comments Date: 12231992
Comments: and RWQCB.
Comments Date: 12301991
Comments: OU-3, off-site gw - Installed an Air Stripping Treatment from
Comments Date: 12301991
Comments: City of Pasadena Wells: Arroyo Well, Well 52, Ventura Well, and
Comments Date: 12301991
Comments: Windsor Well.
Comments Date: 12301992
Comments: OU-3, Off-site gw - Installed a Granular Activated Carbon Plant
Comments Date: 12301992
Comments: to Treat Groundwater from Lincoln Avenue Water Company Wells:
Comments Date: 12301992
Comments: Well No. 3 and Well No 5.
Comments Date: 12302002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Comments: OU-2, on-site soil - Finalized the Remedial Design/Remedial
Comments Date: 12302002
Comments: Action Workplan.
Comments Date: 01302005
Comments: OU-1, on-site gw - Completed Construction the Expanded
Comments Date: 01302005
Comments: Treatability Study system.
Comments Date: 03111991
Comments: EPA currently preparing HRS package. EPA suspects this site may
Comments Date: 03111991
Comments: be listed on NPL.
Comments Date: 03211991
Comments: Groundwater contaminated with VOCs. EPA is the lead agency.
Comments Date: 03302004
Comments: OU-1, on-site gw - Final Report on the In Situ Bioremediation
Comments Date: 03302004
Comments: Pilot Study by ARCADIS.
Comments Date: 04241995
Comments: The groundwater monitoring wells for OU-1 have been installed
Comments Date: 04241995
Comments: and soil sampling and soil vapor samples have been collected for
Comments Date: 04241995
Comments: OU-2. Results should be available within two months. The OU-3
Comments Date: 04241995
Comments: groundwater monitoring wells are being installed to characterize
Comments Date: 04241995
Comments: the groundwater contaminant plume off-site.
Comments Date: 04301998
Comments: OU2, on-site Soil - Initiated Soil Vapor Extraction Pilot Study.
Comments Date: 04302001
Comments: OU-1, on-site gw - Final Report on GAC-Fluidized Bed Reactor
Comments Date: 04302001
Comments: Pilot Study by US Filter and Envirogen.
Comments Date: 05042005
Comments: OU-1, on-site gw - Preparing the Feasibility Study and
Comments Date: 05042005
Comments: Implementing the Expanded Treatability Study for Removal of VOCs
Comments Date: 05042005
Comments: and Perchlorate from Groundwater. OU-2, on-site soil -
Comments Date: 05042005
Comments: Operating a Full-Scale Soil Vapor Extraction Treatment system to
Comments Date: 05042005
Comments: Clean Up Soils. OU-3, off-site gw - Preparing Engineering
Comments Date: 05042005
Comments: Evaluation/Cost Analysis Report for Perchlorate Treatment at
Comments Date: 05042005
Comments: City of Pasadena Wells: Arroyo Well, Well 52, Ventura Well, and
Comments Date: 05042005
Comments: Windsor Well.
Comments Date: 06301999
Comments: Operable Unit 1 (OU-1) on-site groundwater gw - Final Report on
Comments Date: 06301999
Comments: Ion Exchange Pilot Study by Calgon Carbon Corporation.
Comments Date: 06302001
Comments: OU-2, on-site soil - May-June 2001 - Finalized Proposed Plan to
Comments Date: 06302001
Comments: Select a Remedy to Clean Up Soils and Conducted Public Meetings

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Comments Date: 06302003
Comments: OU-1, on-site gw - Field Pilot Testing of a Dynamic Suspended
Comments Date: 06302003
Comments: Bed Reactor for Removal of Perchlorate in GW at JPL.
Comments Date: 07111990
Comments: Facility identified EPA expanded site inspection report. EPA
Comments Date: 07111990
Comments: completed expanded site inspection and will continue with a
ID Name: CALSTARS CODE
ID Value: 300318
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CA9800013030
Alternate Name: NASA - JET PROPULSION LABORATORY JET PROPULSION LABORATORY (NASA) JET PROPULSION LABORATORY JPL
Special Programs Code: Not reported
Special Programs Name: Not reported

CA WDS:

Facility ID: Los Angeles River 196000430
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAG994004 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: 8183542873
Facility Contact: Henry Koyamatsu
Agency Name: JET PROPULSION LABORATORY
Agency Address: Not reported
Agency City,St,Zip: 0
Agency Contact: Not reported
Agency Telephone: Not reported
Agency Type: Private
SIC Code: 3761
SIC Code 2: Not reported
Primary Waste: Miscellaneous (Includes wastes from dewatering, recreational lake overflow, swimming pool wastes, water ride wastewater, ground water seepage and other wastes of this type)
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
Treat To Water: 0
Complexity: Not reported

Cortese:

Region: CORTESE
Envirostor Id: 19970008
Site/Facility Type: FEDERAL SUPERFUND - LISTED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Cleanup Status: ACTIVE
Status Date: 1993-09-20
Site Code: 300318
Latitude: 34.202807184694201
Longitude: -118.172169548056

UST:

Facility ID: 1474
Latitude: 34.15549
Longitude: -118.15449

HIST UST:

Region: STATE
Facility ID: 00000050516
Facility Type: Other
Other Type: U.S. GOVERNMENT
Total Tanks: 0019
Contact Name: B.E. FISCHER, 200-213
Telephone: 8183542539
Owner Name: NATIONAL AERONAUTICS AND SPACE
Owner Address: 4800 OAK GROVE DRIVE
Owner City,St,Zip: PASADENA, CA 91109

Tank Num: 001
Container Num: B/80
Year Installed: 1957
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 6 inches
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: B/117
Year Installed: 1974
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: DIESEL
Tank Construction: 6 inches
Leak Detection: Stock Inventor, None

Tank Num: 003
Container Num: B/170
Year Installed: 1962
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 6 inches
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: B/177A
Year Installed: 1972
Tank Capacity: 00009940
Tank Used for: PRODUCT
Type of Fuel: REGULAR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Tank Construction: 1/4 inches
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: B/177B
Year Installed: 1972
Tank Capacity: 00009940
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor

Tank Num: 006
Container Num: B/177C
Year Installed: 1972
Tank Capacity: 00003000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 007
Container Num: B/183
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 008
Container Num: B/183
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 009
Container Num: B/183B
Year Installed: 1978
Tank Capacity: 00020000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 12 gauge
Leak Detection: Stock Inventor

Tank Num: 010
Container Num: B/197
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 5 gauge
Leak Detection: Stock Inventor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Tank Num: 011
Container Num: B/231
Year Installed: 1964
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 6 inches
Leak Detection: Stock Inventor

Tank Num: 012
Container Num: B/230
Year Installed: 1978
Tank Capacity: 00015000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 12 gauge
Leak Detection: Stock Inventor

Tank Num: 013
Container Num: B/230A
Year Installed: Not reported
Tank Capacity: 00007000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 014
Container Num: B/230B
Year Installed: Not reported
Tank Capacity: 00000700
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 015
Container Num: B/238S
Year Installed: 1978
Tank Capacity: 00015000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 12 gauge
Leak Detection: Stock Inventor

Tank Num: 016
Container Num: B/238B
Year Installed: 1978
Tank Capacity: 00015000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 12 gauge
Leak Detection: Stock Inventor

Tank Num: 017
Container Num: B/277
Year Installed: 1978

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 12 gauge
Leak Detection: Stock Inventor

Tank Num: 018
Container Num: B/278
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 019
Container Num: TBMB/19
Year Installed: 1972
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 10 gauge
Leak Detection: Visual, Stock Inventor

WIP:

Region: 4
File Number: 117.0001
File Status: Active
Staff: DYOUNG
Facility Suite: Not reported

HAZNET:

Year: 2002
Gepaid: CA9800013030
Contact: MARK ARAKI
Telephone: 8183540635
Mailing Name: Not reported
Mailing Address: 4800 OAK GROVE DR # 171-225
Mailing City,St,Zip: PASADENA, CA 911098001
Gen County: Los Angeles
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Other inorganic solid waste
Disposal Method: T03
Tons: 0.08
Facility County: Not reported

Year: 2002
Gepaid: CA9800013030
Contact: MARK ARAKI
Telephone: 8183540635
Mailing Name: Not reported
Mailing Address: 4800 OAK GROVE DR # 171-225
Mailing City,St,Zip: PASADENA, CA 911098001
Gen County: Los Angeles
TSD EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

TSD County: 99
Waste Category: Waste oil and mixed oil
Disposal Method: T03
Tons: 1.25
Facility County: Not reported

Year: 2002
Gepaid: CA9800013030
Contact: MARK ARAKI
Telephone: 8183540635
Mailing Name: Not reported
Mailing Address: 4800 OAK GROVE DR # 171-225
Mailing City,St,Zip: PASADENA, CA 911098001
Gen County: Los Angeles
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Laboratory waste chemicals
Disposal Method: T03
Tons: 0.17
Facility County: Not reported

Year: 2002
Gepaid: CA9800013030
Contact: MARK ARAKI
Telephone: 8183540635
Mailing Name: Not reported
Mailing Address: 4800 OAK GROVE DR # 171-225
Mailing City,St,Zip: PASADENA, CA 911098001
Gen County: Los Angeles
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Laboratory waste chemicals
Disposal Method: Not reported
Tons: 0.00
Facility County: Not reported

Year: 2002
Gepaid: CA9800013030
Contact: MARK ARAKI
Telephone: 8183540635
Mailing Name: Not reported
Mailing Address: 4800 OAK GROVE DR # 171-225
Mailing City,St,Zip: PASADENA, CA 911098001
Gen County: Los Angeles
TSD EPA ID: Not reported
TSD County: Not reported
Waste Category: Unspecified alkaline solution
Disposal Method: T01
Tons: 0.20
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access 512 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year: 1987
County Code: 19

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Air Basin: SC
Facility ID: 11887
Air District Name: SC
SIC Code: 8731
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 20
Reactive Organic Gases Tons/Yr: 19
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 14
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smlr Tons/Yr: 1

Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 11887
Air District Name: SC
SIC Code: 8731
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 20
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 6
NOX - Oxides of Nitrogen Tons/Yr: 27
SOX - Oxides of Sulphur Tons/Yr: 1
Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers & Smlr Tons/Yr: 1

Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 11887
Air District Name: SC
SIC Code: 9661
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 30
Reactive Organic Gases Tons/Yr: 18
Carbon Monoxide Emissions Tons/Yr: 4
NOX - Oxides of Nitrogen Tons/Yr: 15
SOX - Oxides of Sulphur Tons/Yr: 1
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smlr Tons/Yr: 1

Year: 1996
County Code: 19
Air Basin: SC
Facility ID: 11887
Air District Name: SC
SIC Code: 9661
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 16
Reactive Organic Gases Tons/Yr: 11
Carbon Monoxide Emissions Tons/Yr: 4
NOX - Oxides of Nitrogen Tons/Yr: 12
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smlr Tons/Yr: 1

Year: 1997
County Code: 19
Air Basin: SC
Facility ID: 11887
Air District Name: SC
SIC Code: 9661
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 14
Reactive Organic Gases Tons/Yr: 9
Carbon Monoxide Emissions Tons/Yr: 3
NOX - Oxides of Nitrogen Tons/Yr: 8
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smlr Tons/Yr: 1

Year: 1998
County Code: 19
Air Basin: SC
Facility ID: 11887
Air District Name: SC
SIC Code: 9661
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 13
Reactive Organic Gases Tons/Yr: 8
Carbon Monoxide Emissions Tons/Yr: 3
NOX - Oxides of Nitrogen Tons/Yr: 8
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smlr Tons/Yr: 1

Year: 1999
County Code: 19
Air Basin: SC
Facility ID: 11887
Air District Name: SC
SIC Code: 9661
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 14
Reactive Organic Gases Tons/Yr: 9
Carbon Monoxide Emissions Tons/Yr: 3
NOX - Oxides of Nitrogen Tons/Yr: 8
SOX - Oxides of Sulphur Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smlr Tons/Yr:	1
Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	11887
Air District Name:	SC
SIC Code:	9661
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	14
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	3
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smlr Tons/Yr:	1
Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	11887
Air District Name:	SC
SIC Code:	9661
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	6
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smlr Tons/Yr:	1
Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	11887
Air District Name:	SC
SIC Code:	9661
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	6
NOX - Oxides of Nitrogen Tons/Yr:	11
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smlr Tons/Yr:	1
Year:	2003
County Code:	19
Air Basin:	SC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Facility ID: 11887
Air District Name: SC
SIC Code: 9661
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 6
NOX - Oxides of Nitrogen Tons/Yr: 11
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smlr Tons/Yr: 1

Year: 2004
County Code: 19
Air Basin: SC
Facility ID: 11887
Air District Name: SC
SIC Code: 9661
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3.495498996
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 5.94547
NOX - Oxides of Nitrogen Tons/Yr: 10.5924
SOX - Oxides of Sulphur Tons/Yr: 0.097098
Particulate Matter Tons/Yr: 0.712216
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0.7

Year: 2005
County Code: 19
Air Basin: SC
Facility ID: 11887
Air District Name: SC
SIC Code: 9661
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.7046828
Reactive Organic Gases Tons/Yr: 1.5146518594
Carbon Monoxide Emissions Tons/Yr: 4.81139
NOX - Oxides of Nitrogen Tons/Yr: 6.65857
SOX - Oxides of Sulphur Tons/Yr: .048495
Particulate Matter Tons/Yr: .46293
Part. Matter 10 Micrometers & Smlr Tons/Yr: .46083841

Year: 2006
County Code: 19
Air Basin: SC
Facility ID: 11887
Air District Name: SC
SIC Code: 9661
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Total Organic Hydrocarbon Gases Tons/Yr: 1.948721441845900959
Reactive Organic Gases Tons/Yr: 1.495
Carbon Monoxide Emissions Tons/Yr: 4.574
NOX - Oxides of Nitrogen Tons/Yr: 8.02
SOX - Oxides of Sulphur Tons/Yr: .057
Particulate Matter Tons/Yr: .803
Part. Matter 10 Micrometers & Smlr Tons/Yr: .7088893

Year: 2007
County Code: 19
Air Basin: SC
Facility ID: 11887
Air District Name: SC
SIC Code: 9661
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4.437283444436867854
Reactive Organic Gases Tons/Yr: 3.97756493492162486
Carbon Monoxide Emissions Tons/Yr: 4.902142
NOX - Oxides of Nitrogen Tons/Yr: 7.379056692474006505
SOX - Oxides of Sulphur Tons/Yr: .0363918
Particulate Matter Tons/Yr: .79824107
Part. Matter 10 Micrometers & Smlr Tons/Yr: .699190433291

Year: 2007
County Code: 19
Air Basin: SC
Facility ID: 11887
Air District Name: SC
SIC Code: 9661
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.915077826309688557
Reactive Organic Gases Tons/Yr: 1.495
Carbon Monoxide Emissions Tons/Yr: 4.574
NOX - Oxides of Nitrogen Tons/Yr: 8.02
SOX - Oxides of Sulphur Tons/Yr: .057
Particulate Matter Tons/Yr: .803
Part. Matter 10 Micrometers & Smlr Tons/Yr: .7088893

ENVIROSTOR:

Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: 176
NPL: YES
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: MICHEL ISKAROUS
Supervisor: Allan Plaza
Division Branch: Cleanup Chatsworth
Facility ID: 19970008
Site Code: 300318
Assembly: 44
Senate: 21
Special Program: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Status: Active
Status Date: 1993-09-20 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.2028071846942
Longitude: -118.172169548056
APN: 5817025901
Past Use: LABORATORIES- CHEMICAL, RESEARCH - AEROSPACE, RESEARCH - WEAPONS
Potential COC: 10097, 30019, 30022, 30026, 30027
Confirmed COC: 30019,30022,30026,30027,10097
Potential Description: SOIL, WELL
Alias Name: JET PROPULSION LABORATORY (NASA)
Alias Type: Alternate Name
Alias Name: JPL
Alias Type: Alternate Name
Alias Name: NASA - JET PROPULSION LABORATORY
Alias Type: Alternate Name
Alias Name: 5817025901
Alias Type: APN
Alias Name: CA9800013030
Alias Type: EPA Identification Number
Alias Name: 110002626061
Alias Type: EPA (FRS #)
Alias Name: T0603703875
Alias Type: GeoTracker Global ID
Alias Name: 300318
Alias Type: Project Code (Site Code)
Alias Name: 19970008
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 2010-03-25 00:00:00
Comments: DTSC reviewed the Tech memo.

Completed Area Name: OU 2
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 2000-09-07 00:00:00
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1991-03-21 00:00:00
Comments: Groundwater contaminated with VOCs. EPA is the lead agency.

Completed Area Name: OU 1
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision - Interim
Completed Date: 2005-10-30 00:00:00
Comments: Part of phased approach under Superfund Cleanup Model. "Early Action" taken prior to completion of RI/FS

Completed Area Name: OU 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 2006-12-01 00:00:00
Comments: DTSC approved the workplan.

Completed Area Name: OU 2
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 2002-12-30 00:00:00
Comments: Finalized the Remedial Design/Remedial Action for operating a full-scale Soil Vapor Extraction Treatment system to clean up soils.

Completed Area Name: OU 2
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2005-03-30 00:00:00
Comments: Summary of first year operation, recommendations for future operation and optimization.

Completed Area Name: OU 2
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2005-09-30 00:00:00
Comments: Ongoing memoranda until system closeout.

Completed Area Name: OU 2
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2006-03-30 00:00:00
Comments: Agency accepted OU-2 Tech Memo.

Completed Area Name: OU 3
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 1999-08-30 00:00:00
Comments: Finalized Remedial Investigation Report.

Completed Area Name: OU 3
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 2004-11-30 00:00:00
Comments: Finalized Remedial Investigation Addendum Workplan.

Completed Area Name: OU 3
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision - Interim
Completed Date: 2006-07-14 00:00:00
Comments: DTSC approved plan.

Completed Area Name: OU 3
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 2004-12-30 00:00:00
Comments: Work began September 2004 for additional multi-port well installation and isotope study.

Completed Area Name: OU 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 2006-10-30 00:00:00
Comments: DTSC completed review.

Completed Area Name: OU 3
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision
Completed Date: 2007-05-07 00:00:00
Comments: DTSC approved the response action for cleaning up off-site groundwater (OU3).

Completed Area Name: OU 1
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision
Completed Date: 2006-12-27 00:00:00
Comments: DTSC approved and signed the Interim Record of Decision for Ou-1.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2006-07-14 00:00:00
Comments: DTSC approved Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2006-11-30 00:00:00
Comments: DTSC completed review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 2007-01-30 00:00:00
Comments: DTSC completed review and approved the tech. memo.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2006-05-26 00:00:00
Comments: DTSC completed review and accepted the Annual groundwater monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 2006-05-19 00:00:00
Comments: DTSC completed review and accepted the monitoring report.

Completed Area Name: OU 1
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 1999-08-30 00:00:00
Comments: Final RI

Completed Area Name: OU 1
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Completed Document Type: Pilot Study/Treatability Workplan

Completed Date: 2001-04-30 00:00:00

Comments: Final Report for pilot test.

Completed Area Name: OU 1

Completed Sub Area Name: Not reported

Completed Document Type: Treatability Study Workplan

Completed Date: 2003-08-30 00:00:00

Comments: Final expanded treatability study workplan.

Completed Area Name: OU 1

Completed Sub Area Name: Not reported

Completed Document Type: Treatability Study Report

Completed Date: 2005-01-30 00:00:00

Comments: Completed construction of the expanded treatability study system.

Completed Area Name: OU 2

Completed Sub Area Name: Not reported

Completed Document Type: Remedial Investigation / Feasibility Study

Completed Date: 2000-07-30 00:00:00

Comments: Finalized Feasibility Study Report.

Completed Area Name: OU 2

Completed Sub Area Name: Not reported

Completed Document Type: Record of Decision

Completed Date: 2002-09-01 00:00:00

Comments: Finalized the Record of Decision (ROD).

Completed Area Name: OU 2

Completed Sub Area Name: Not reported

Completed Document Type: Remedy Constructed: Operating Properly & Successfully

Completed Date: 2002-12-30 00:00:00

Comments: Finalized the Remedial Design/Remedial Action Workplan to operate a full scale soil vapor extraction system to clean up the soils.

Completed Area Name: OU 3

Completed Sub Area Name: Not reported

Completed Document Type: Remedial Investigation Report

Completed Date: 1999-08-01 00:00:00

Comments: Finalized Remedial Investigation Report (RI).

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Monitoring Report

Completed Date: 2007-08-15 00:00:00

Comments: The report was accepted as complete.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Long Term Monitoring Report

Completed Date: 2009-08-15 00:00:00

Comments: DTSC reviewed and accepted the report.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Long Term Monitoring Report

Completed Date: 2009-09-30 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Comments: DTSC accepted the report

Completed Area Name: OU 1
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 2009-11-29 00:00:00
Comments: DTSC completed review of the report.

Completed Area Name: OU 1
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 2010-03-25 00:00:00
Comments: DTSC completed review of the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 2009-12-24 00:00:00
Comments: DTSC completed review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 2010-03-25 00:00:00
Comments: Not reported

Completed Area Name: OU 3
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 2010-04-30 00:00:00
Comments: DTSC reviewed and accepted the report.

Completed Area Name: OU 3
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 2010-09-15 00:00:00
Comments: Not reported

Completed Area Name: OU 2
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision
Completed Date: 2002-09-23 00:00:00
Comments: Not reported

Completed Area Name: OU 2
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 2002-11-30 00:00:00
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 1993-09-20 00:00:00
Comments: A Memorandum of Agreement for NASA to reimburse the Department for oversight of remedial activities at JPL was signed. Since this time, the Department has continued to work on the project.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

U003159486

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Federal Facility Agreement
Completed Date: 1992-12-23 00:00:00
Comments: Federal Facilities Agreement reached between EPA, DTSC, NASA/JPL and RWQCB.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 1990-07-11 00:00:00
Comments: Facility identified EPA expanded site inspection report. EPA completed expanded site inspection and will continue with a remedial investigation/feasibility study. EPA/CERCLA Site Pending Status: EPA SITE.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

B12 JET PROPULSION LABORATORY
WNW 4800 OAK GROVE DRIVE
1/4-1/2 PASADENA, CA 91109
0.278 mi.
1469 ft. Site 3 of 4 in cluster B

Relative:
Higher

Actual:
1150 ft.

NPL 1000128791
CERCLIS CA9800013030
RCRA-LQG
US ENG CONTROLS
ROD
FINDS
NPDES
MANIFEST
SWEEPS UST
HAZNET

NPL:
EPA ID: CA9800013030
EPA Region: 09
Federal: Y
Final Date: 1992-10-14 00:00:00

Site Details:
Site Name: JET PROPULSION LABORATORY (NASA)
Site Status: Final
Site Zip: 91109
Site City: PASADENA
Site State: CA
Federal Site: Yes
Site County: LOS ANGELES
EPA Region: 09
Date Proposed: 02/07/92
Date Deleted: Not reported
Date Finalized: 10/14/92

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Substance Details:

NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: A038
Substance: NICKEL AND COMPOUNDS
CAS #: Not reported
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C113
Substance: STYRENE
CAS #: 100-42-5
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C177
Substance: COBALT AND COMPOUNDS
CAS #: Not reported
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C178
Substance: COPPER AND COMPOUNDS
CAS #: Not reported
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C246
Substance: VANADIUM AND COMPOUNDS
CAS #: Not reported
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C247
Substance: ZINC AND COMPOUNDS
CAS #: Not reported
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C324
Substance: CIS-1,2-DICHLOROETHYLENE
CAS #: 156-59-2
Pathway: NO PATHWAY INDICATED
Scoring: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

NPL Status: Currently on the Final NPL
Substance ID: C431
Substance: FLUORENE
CAS #: 86-73-7
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C460
Substance: MERCURY
CAS #: 7439-97-6
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: D004
Substance: ARSENIC
CAS #: 7440-38-2
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: D005
Substance: BARIUM
CAS #: 7440-39-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: D006
Substance: CADMIUM (CD)
CAS #: 7440-43-9
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: D007
Substance: CHROMIUM
CAS #: 7440-47-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: D008
Substance: LEAD (PB)
CAS #: 7439-92-1
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: P022
Substance: CARBON DISULFIDE
CAS #: 75-15-0
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Substance ID: U002
Substance: ACETONE
CAS #: 67-64-1
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U037
Substance: CHLOROBENZENE
CAS #: 108-90-7
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U044
Substance: CHLOROFORM
CAS #: 67-66-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U069
Substance: DI-N-BUTYL PHTHALATE
CAS #: 84-74-2
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U070
Substance: DICHLOROBENZENE, 1,2-
CAS #: 95-50-1
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U072
Substance: DICHLOROBENZENE, 1,4-
CAS #: 106-46-7
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U076
Substance: DICHLOROETHANE, 1,1-
CAS #: 75-34-3
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U077
Substance: DICHLOROETHANE, 1,2-
CAS #: 107-06-2
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U080

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Substance: METHYLENE CHLORIDE
CAS #: 75-09-2
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U159
Substance: METHYL ETHYL KETONE
CAS #: 78-93-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U165
Substance: NAPHTHALENE
CAS #: 91-20-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U211
Substance: CARBON TETRACHLORIDE
CAS #: 56-23-5
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U211
Substance: CARBON TETRACHLORIDE
CAS #: 56-23-5
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U220
Substance: TOLUENE
CAS #: 108-88-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U239
Substance: XYLENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

CAS #: 1330-20-7
Pathway: NO PATHWAY INDICATED
Scoring: 1

Summary Details:

Conditions at Proposal February 7, 1992): The Jet Propulsion Laboratory (JPL) covers 176 acres at 4800 Oak Grove Drive in Pasadena, Los Angeles County, California. The area is primarily residential with some light commercial operations. It is bordered on the east by the Arroyo Seco Dry Wash, on the west by a residential neighborhood, on the north by the San Gabriel Mountains, and on the south by an equestrian club and a Los Angeles County Fire Station. Approximately 120,800 people live within 4 miles of the site. The Army developed and operated JPL between 1945 and 1957; jurisdiction was transferred to the National Aeronautics and Space Administration (NASA) in 1958. The California Institute of Technology is under contract to NASA to conduct research and development at JPL in aeronautics, space technology, and space transportation. JPL's primary activities include exploration of the earth and solar system with automated spacecraft, and the design and operation of the Global Deep Space Tracking Network. Among the sources of hazardous substances at the site are numerous seepage pits, where liquid and solid wastes were reportedly disposed of; a settling chamber in the JPL storm drain system; contaminated soil excavated from part of the system; and an area where waste solvents were dumped into three holes. The general types of hazardous substances at JPL, now and in the past, include waste solvents such as tetrachloroethene, solid rocket fuel propellants, cooling tower chemicals, sulfuric acid, Freon, mercury, and chemical laboratory wastes. In 1990, contractors for JPL detected significantly elevated levels of carbon tetrachloride, trichloroethene, tetrachloroethene, and other volatile organic compounds (VOCs) in ground water both under and downgradient of the site. An estimated 68,000 people obtain drinking water from municipal wells within 4 miles of the site. Four City of Pasadena wells were shut down during 1989-90 due to VOCs attributable to JPL. The city has installed a treatment system, and the wells were returned to operation in October 1990. In addition, two Lincoln Avenue Water Co. wells were shut down in 1987 due to VOCs attributable to JPL; these wells are still closed. Status October 1992): EPA and JPL have started to negotiate a Federal Facilities Agreement under CERCLA Section 120 covering future activities at the site. The description of the site release) is based on information available at the time the site was scored. The description may change as additional information is gathered on the sources and extent of contamination. See FR 5600, February 11, 1991 or subsequent FR notices.)

Site Status Details:

NPL Status: Final
Proposed Date: 02/07/1992
Final Date: 10/14/1992
Deleted Date: Not reported

Narratives Details:

NPL Name: JET PROPULSION LABORATORY (NASA)
City: PASADENA
State: CA

CERCLIS:

Site ID: 0903438

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

EPA ID: CA9800013030
Facility County: LOS ANGELES
Short Name: JET PROPULSION LABORATORY
Congressional District: 27
IFMS ID: 092U
SMSA Number: 4480
USGC Hydro Unit: 18070105
Federal Facility: Federal Facility
DMNSN Number: 176.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 09
Classification: Not reported
Site Settings Code: SU
NPL Status: Currently on the Final NPL
DMNSN Unit Code: ACRE
RBRAC Code: Not reported
RResp Fed Agency Code: NASA
Non NPL Status: Not reported
Non NPL Status Date: Not reported
Site Fips Code: 06037
CC Concurrence Date: Not reported
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 9271184.00000
Contact Name: Karen Jurist
Contact Tel: (415) 972-3219
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 9270048.00000
Contact Name: Jeff Inglis
Contact Tel: (415) 972-3095
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 9271193.00000
Contact Name: Judy Huang
Contact Tel: (415) 972-3681
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

Contact ID: 13002167.00000
Contact Name: Carl Brickner
Contact Tel: (415) 972-3814
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 9270438.00000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Contact Name: Dawn Richmond
Contact Tel: (415) 972-3097
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: JET PROPULSION LABORATORY (NASA)
Alias Address: 4800 OAK GROVE DR
PASADENA, CA 91109

Alias ID: 9270295
Alias Name: JET PROPULSION LABORATORY
Alias Address: 4800 OAK GROVE DR.
PASADENA, CA 96718

Alias Comments: Not reported

Site Description: The Jet Propulsion Laboratory (JPL) is a federally-funded Research and Development Center (FFRDC) in Pasadena, California, currently operated under contract by the California Institute of Technology (Caltech) for the National Aeronautics and Space Administration (NASA). JPL's primary activities include the exploration of the earth and solar system by automated spacecraft and the design and operation of the Global Deep Space Tracking Network. Located in Los Angeles County, JPL adjoins the incorporated cities of La Canada Flintridge and Pasadena, and is bordered on the east by the unincorporated community of Altadena. A NASA owned facility, JPL encompasses approximately 176 acres of land and more than 150 buildings and other structures. Of the JPL Facility's 176 acres, approximately 156 acres are federally owned. The remaining land is leased for parking from the City of Pasadena and the Flintridge Riding Club. Development at JPL is primarily located on the southern half, in two regions, an early-developed northeastern area and a later-developed southwestern area. During historic operations at JPL, various chemicals (including chlorinated solvents, solid rocket fuel propellants, cooling tower chemicals, sulfuric acid, Freon, and mercury) and other materials were used at the JPL facility. During the 1940s and 1950s, many buildings at JPL maintained subsurface seepage pits for disposal of sanitary wastes and laboratory chemical wastes collected from drains and sinks within the buildings. The Remedial Investigation (RI) for Operable Unit 2 (OU-2) identified 40 seepage pits, five waste pits, and four discharge points at the facility that were used during historic operations. Some of the seepage pits received volatile organic compounds (VOCs) and other waste materials which are currently found in groundwater beneath and adjacent to JPL. In the late 1950s and early 1960s, a sanitary sewer system was installed at JPL to handle sewage and wastewater, and the use of seepage pits for sanitary and chemical waste disposal was discontinued. Today, laboratory chemical wastes are either recycled or sent off-facility for treatment and disposal at regulated, Resource Conservation and Recovery Act (RCRA)-permitted hazardous waste facilities. In 1980, the analyses of groundwater revealed the presence of VOCs in City of Pasadena water supply wells located southeast of JPL in the Arroyo Seco. At about the same time, VOCs were detected in two water-supply wells used by the Lincoln Avenue Water Company, located east of the Arroyo Seco. As a result, NASA initiated investigation to evaluate VOCs originating from the JPL facility. In 1988, a Preliminary Assessment/Site Inspection was completed at JPL, which indicated that further site characterization was warranted. Subsequent site investigations were conducted at JPL and VOCs were detected in on-facility groundwater at levels above drinking water standards. In 1992, JPL was placed on the National Priorities List (NPL) of sites subject to regulation under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). After being placed on the National Priorities List (NPL), the

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nature and extent of chemicals in groundwater were investigated during the RI, which lasted from 1994 to 1998. Additional groundwater data have been obtained from a long-term groundwater monitoring program in place at the facility since August 1996, which continues to be active. Based on the data collected during the RI and long-term groundwater monitoring, two VOCs (carbon tetrachloride and trichloroethene [TCE]) and perchlorate have been detected consistently in the source area at concentrations significantly exceeding their respective state or federal maximum contaminant levels (MCLs) or California Department of Health Services (DHS) notification levels (NLs). The highest concentrations of carbon tetrachloride and perchlorate at the JPL site are located in the north-central portion of the JPL facility, which is referred to as the "source area." The source area is the location where the majority of chemicals is dissolved in the groundwater, and is defined as an 8-acre by 100-ft-thick portion of the aquifer. In the late 1990s and early 2000, NASA conducted pilot testing of several technologies to address dissolved perchlorate in source area groundwater. The technologies tested included reverse osmosis, a fluidized bed reactor (FBR), packed bed reactors, in situ bioremediation, and ion exchange. Due to the depth and extent of the chemicals in groundwater, in situ (below ground) treatment is not cost-effective at the JPL facility; therefore, groundwater must be pumped from the ground, treated aboveground, and reinjected. Based on these studies, NASA installed a demonstration treatment plant located on JPL in the source area in early 2005. The demonstration study consists of two extraction wells, two injection wells, liquid-phase granular activated carbon (LGAC) treatment to remove VOCs, and an FBR to remove perchlorate. This system has been successful in the demonstration phase. JPL comprises approximately 176 acres of land. Of these 176 acres, about 156 acres are federally owned. The remaining land is leased for parking from the City of Pasadena and the Flintridge Riding Club. Presently, more than 150 structures and buildings occupy JPL. Total usable building space is approximately 1,330,000 ft². The main developed area of JPL is the southern half, which can be divided into two general areas: the northeastern early-developed area and the southwestern later-developed area. Most of the northern half of JPL is not developed because of steeply sloping terrain. Currently, the northeastern early-developed part of JPL is used for project support, testing, and storage. The southwestern later-developed part is used mostly for administrative, management, laboratory, and project functions. Further development of JPL is constrained because of steeply sloping terrain to the north, the Arroyo Seco to the south and east, and residential development to the west. Located at the northern boundary of JPL is the Gould Mesa area. This area has widely separated small buildings and is used primarily for antenna testing. The distance between buildings is a result of the terrain and the need to isolate transmitting and receiving equipment. The relatively steep mountainside between Gould Mesa and the developed area at JPL is unpopulated. The primary land use in the areas surrounding JPL is residential and light commercial. Industrial areas, such as manufacturing, processing, and packaging, are limited. The closest residential properties are those located along the western fence line of JPL. The nearest off-facility buildings are the Flintridge Riding Club and Fire Camp #2, both located approximately 100 yards from the southern border of JPL. The total number of buildings within 2 miles of JPL is about 2,500, primarily residential and community (e.g., schools, day-care centers, churches). Land use at JPL is not expected to change significantly in the foreseeable future. There are no permanent surface water bodies within the boundaries of JPL. The Arroyo Seco Creek intermittently flows through the Arroyo Seco wash to the east of JPL. The entire JPL facility drains, via storm drains and surface runoff, into the Arroyo Seco. In addition, stormwater runoff from parts of La Canada Flintridge mingles with that of JPL prior to discharge to the Arroyo. Within the Arroyo Seco, a series of surface impoundments are used as surface water collection and

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spreading basins for groundwater recharge. Groundwater beneath the Arroyo Seco is a current source of drinking water. The Raymond Basin Watershed, Monk Hill Subarea, where JPL is located, provides an important source of potable water for many communities in the area around JPL. These communities are expected to grow at a modest rate for the foreseeable future and the use of groundwater as drinking water is expected to continue. A Record of Decision addressing OU-1 was completed in February 2007.

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: Not reported
Date Completed: 05/01/1988
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 09/08/1989
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: EXPANDED SITE INSPECTION
Date Started: Not reported
Date Completed: 04/02/1991
Priority Level: Recommended for HRS Scoring
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 02/07/1992
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed

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Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: Not reported
Date Completed: 10/13/1992
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 10/14/1992
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FEDERAL INTERAGENCY AGREEMENT
Date Started: 12/23/1992
Date Completed: 12/23/1992
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: INTERAGENCY AGREEMENT NEGOTIATIONS
Date Started: 08/04/1992
Date Completed: 12/23/1992
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: TREATABILITY STUDY
Date Started: 03/01/1999
Date Completed: 06/30/1999
Priority Level: Not reported
Operable Unit: ONSITE GW
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 07/07/1993
Date Completed: 09/19/2002
Priority Level: Not reported
Operable Unit: SOILS/SVE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 09/19/2002
Priority Level: Not reported
Operable Unit: SOILS/SVE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 11/29/2002
Date Completed: 04/28/2003
Priority Level: Not reported
Operable Unit: SOILS/SVE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FEDERAL FACILITY REMEDIAL ACTION

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Date Started: 04/28/2003
Date Completed: 01/03/2007
Priority Level: Not reported
Operable Unit: SOILS/SVE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 02/08/2007
Date Completed: 02/08/2007
Priority Level: Not reported
Operable Unit: ONSITE GW
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 02/08/2007
Priority Level: Not reported
Operable Unit: ONSITE GW
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 12/23/1992
Date Completed: 02/08/2007
Priority Level: Not reported
Operable Unit: ONSITE GW
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 02/08/2007
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: ONSITE GW
Primary Responsibility: Federal Facilities

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Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 06/28/2007
Priority Level: Not reported
Operable Unit: OFFSITE GW
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FEDERAL FACILITY REMOVAL
Date Started: 08/23/2004
Date Completed: 06/28/2007
Priority Level: Not reported
Operable Unit: OFFSITE GW
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 06/28/2007
Date Completed: 06/28/2007
Priority Level: Not reported
Operable Unit: OFFSITE GW
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 06/28/2007
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: OFFSITE GW
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 04/29/1994
Date Completed: 06/28/2007
Priority Level: Not reported
Operable Unit: OFFSITE GW
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Other Completion Anomaly

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:

Fed Register Date: 10/14/1992
Fed Register Volume: 57
Page Number: 47181

Fed Register Date: 02/07/1992
Fed Register Volume: 57
Page Number: 4824

[Click this hyperlink](#) while viewing on your computer to access
103 additional US CERCLIS Financial: record(s) in the EDR Site Report.

RCRA-LQG:

Date form received by agency: 06/10/2010
Facility name: JET PROPULSION LABORATORY
Facility address: 4800 OAK GROVE DRIVE
PASADENA, CA 91109
EPA ID: CA9800013030
Contact: MARK ARAKI
Contact address: 4800 OAK GROVE DRIVE
PASADENA, CA 91109
Contact country: US
Contact telephone: (818) 354-5342
Contact email: N.MAR.ARAKI@JPL.NASA.GOV
EPA Region: 09
Land type: Federal
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

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Owner/Operator Summary:

Owner/operator name: FEDERAL GOVERNMENT/NASA
Owner/operator address: 4800 OAK GROVE DRIVE
PASADENA, CA 91109
Owner/operator country: US
Owner/operator telephone: (818) 354-5342
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1952
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: JET PROPULSION LABORATORY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1952
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/26/2008
Facility name: JET PROPULSION LABORATORY
Classification: Large Quantity Generator

Date form received by agency: 04/14/2006
Facility name: JET PROPULSION LABORATORY
Classification: Large Quantity Generator

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Date form received by agency: 06/03/2005
Facility name: JET PROPULSION LABORATORY
Classification: Large Quantity Generator

Date form received by agency: 04/01/2004
Facility name: JET PROPULSION LABORATORY
Classification: Large Quantity Generator

Date form received by agency: 01/29/2004
Facility name: JET PROPULSION LABORATORY
Classification: Large Quantity Generator

Date form received by agency: 01/30/2002
Facility name: JET PROPULSION LABORATORY
Site name: USNASA JET PROPULSION LABORATORY
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Facility name: JET PROPULSION LABORATORY
Classification: Large Quantity Generator

Date form received by agency: 04/15/1999
Facility name: JET PROPULSION LABORATORY
Classification: Large Quantity Generator

Date form received by agency: 01/14/1999
Facility name: JET PROPULSION LABORATORY
Site name: USNASA JET PROPULSION LABORATORY
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Facility name: JET PROPULSION LABORATORY
Site name: USNASA JET PROPULSION LABORATORY
Classification: Large Quantity Generator

Date form received by agency: 03/27/1996
Facility name: JET PROPULSION LABORATORY
Classification: Large Quantity Generator

Date form received by agency: 03/29/1994
Facility name: JET PROPULSION LABORATORY
Site name: USNASA JET PROPULSION LABORATORY
Classification: Large Quantity Generator

Date form received by agency: 02/27/1992
Facility name: JET PROPULSION LABORATORY
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Facility name: JET PROPULSION LABORATORY
Site name: USNASA JET PROPULSION LABORATORY
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Facility name: JET PROPULSION LABORATORY
Site name: USNASA JET PROPULSION LABORATORY
Classification: Large Quantity Generator

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Hazardous Waste Summary:

Waste code: 121
Waste name: 121

Waste code: 122
Waste name: 122

Waste code: 123
Waste name: 123

Waste code: 132
Waste name: 132

Waste code: 134
Waste name: 134

Waste code: 181
Waste name: 181

Waste code: 212
Waste name: 212

Waste code: 214
Waste name: 214

Waste code: 331
Waste name: 331

Waste code: 341
Waste name: 341

Waste code: 352
Waste name: 352

Waste code: 461
Waste name: 461

Waste code: 541
Waste name: 541

Waste code: 551
Waste name: 551

Waste code: 791
Waste name: 791

Waste code: 792
Waste name: 792

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

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Waste code:	D002
Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Waste code:	D003
Waste name:	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Waste code:	D004
Waste name:	ARSENIC
Waste code:	D005
Waste name:	BARIUM
Waste code:	D006
Waste name:	CADMIUM
Waste code:	D007
Waste name:	CHROMIUM
Waste code:	D008
Waste name:	LEAD
Waste code:	D009
Waste name:	MERCURY
Waste code:	D010
Waste name:	SELENIUM
Waste code:	D011
Waste name:	SILVER
Waste code:	D018
Waste name:	BENZENE
Waste code:	D022
Waste name:	CHLOROFORM
Waste code:	D026
Waste name:	CRESOL
Waste code:	D035
Waste name:	METHYL ETHYL KETONE
Waste code:	D036
Waste name:	NITROBENZENE
Waste code:	D038
Waste name:	PYRIDINE

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Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: P030
Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste code: P063
Waste name: HYDROCYANIC ACID

Waste code: P076
Waste name: NITRIC OXIDE

Waste code: P078
Waste name: NITROGEN DIOXIDE

Waste code: U080
Waste name: METHANE, DICHLORO-

Waste code: U098
Waste name: 1,1-DIMETHYLHYDRAZINE

Waste code: U123
Waste name: FORMIC ACID (C,T)

Waste code: U134
Waste name: HYDROFLUORIC ACID (C,T)

Waste code: U159

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Waste name: 2-BUTANONE (I,T)

Biennial Reports:

Last Biennial Reporting Year: 2011

Annual Waste Handled:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 18339.6

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 7747.2

Waste code: D003

Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Amount (Lbs): 3569

Waste code: D004

Waste name: ARSENIC

Amount (Lbs): 5992.2

Waste code: D005

Waste name: BARIUM

Amount (Lbs): 3563

Waste code: D006

Waste name: CADMIUM

Amount (Lbs): 924

Waste code: D007

Waste name: CHROMIUM

Amount (Lbs): 9648

Waste code: D008

Waste name: LEAD

Amount (Lbs): 13963.4

Waste code: D009

Waste name: MERCURY

Amount (Lbs): 13715

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Waste code: D010
Waste name: SELENIUM
Amount (Lbs): 630

Waste code: D011
Waste name: SILVER
Amount (Lbs): 7925.2

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 3613.4

Waste code: D022
Waste name: CHLOROFORM
Amount (Lbs): 15748

Waste code: D026
Waste name: CRESOL
Amount (Lbs): 4273

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 15890

Waste code: D036
Waste name: NITROBENZENE
Amount (Lbs): 4273

Waste code: D038
Waste name: PYRIDINE
Amount (Lbs): 3563

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 17092

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 15890

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Waste code:	F005
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs):	15748
Waste code:	P030
Waste name:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Amount (Lbs):	3569
Waste code:	P063
Waste name:	HYDROCYANIC ACID
Amount (Lbs):	661
Waste code:	P076
Waste name:	NITRIC OXIDE
Amount (Lbs):	661
Waste code:	P078
Waste name:	NITROGEN DIOXIDE
Amount (Lbs):	661
Waste code:	U080
Waste name:	METHANE, DICHLORO-
Amount (Lbs):	142
Waste code:	U098
Waste name:	1,1-DIMETHYLHYDRAZINE
Amount (Lbs):	3563
Waste code:	U123
Waste name:	FORMIC ACID (C,T)
Amount (Lbs):	3563
Waste code:	U134
Waste name:	HYDROFLUORIC ACID (C,T)
Amount (Lbs):	661
Waste code:	U159
Waste name:	2-BUTANONE (I,T)
Amount (Lbs):	7912

Facility Has Received Notices of Violations:

Regulation violated:	FR - 262.30-34.C
Area of violation:	Generators - General
Date violation determined:	12/16/1992
Date achieved compliance:	05/14/1993
Violation lead agency:	EPA
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	03/15/1993
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 12/16/1992
Date achieved compliance: 05/14/1993
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/15/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 12/16/1992
Date achieved compliance: 05/14/1993
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/15/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 02/14/1987
Date achieved compliance: 12/16/1992
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 02/14/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 02/14/1987
Date achieved compliance: 12/16/1992
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 03/27/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/14/1993
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 12/16/1992
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 12/16/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/14/1993
Evaluation lead agency: EPA

Evaluation date: 02/14/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 12/16/1992
Evaluation lead agency: EPA

US ENG CONTROLS:

EPA ID: CA9800013030
Site ID: 0903438
Name: JET PROPULSION LABORATORY (NASA)
Address: 4800 OAK GROVE DR
PASADENA, CA 91109
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 2/8/2007
Planned Complet. date: 8/29/2007
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Bioreactors

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 2/8/2007

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Planned Complet. date: 8/29/2007
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Extraction

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 2/8/2007
Planned Complet. date: 8/29/2007
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Liquid Phase Carbon Adsorption

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 2/8/2007
Planned Complet. date: 8/29/2007
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Reinjection

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 9/19/2002
Planned Complet. date: 6/28/2002
Operable Unit: 02
Contaminated Media : Air
Engineering Control: Monitoring

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 9/19/2002
Planned Complet. date: 6/28/2002
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Soil Vapor Extraction (in-situ)

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 6/28/2007
Planned Complet. date: 7/31/2007
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Centralized waste treatment facility

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 6/28/2007
Planned Complet. date: 7/31/2007
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Ion Exchange

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 6/28/2007
Planned Complet. date: 7/31/2007

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Liquid Phase Carbon Adsorption

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 6/28/2007
Planned Complet. date: 7/31/2007
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Reuse as Drinking Water

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

FINDS:

Registry ID: 110002626061

Environmental Interest/Information System

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AFS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

Map ID
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MAP FINDINGS

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JET PROPULSION LABORATORY (Continued)

1000128791

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

NPDES:

Npdes Number:	CAG994004
Facility Status:	Active
Agency Id:	23398
Region:	4
Regulatory Measure Id:	193446
Order No:	R4-2008-0032
Regulatory Measure Type:	Enrollee
Place Id:	234323
WDID:	4B196000430
Program Type:	NPDES
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	3/18/1998
Expiration Date Of Regulatory Measure:	6/5/2013
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	NASA/JPL Jet Propulsion Laboratory
Discharge Address:	4800 Oak Grove Drive
Discharge City:	Pasadena
Discharge State:	CA
Discharge Zip:	91109
Npdes Number:	CAS000002
Facility Status:	Terminated
Agency Id:	N/A
Region:	4
Regulatory Measure Id:	Not Available
Order No:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Regulatory Measure Type: Enrollee
Place Id: Not Available
WDID: 4 19C347503
Program Type: Construction
Adoption Date Of Regulatory Measure: N/A
Effective Date Of Regulatory Measure: 6/13/2007 9:01:00 AM
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 9/21/2009
Discharge Name: NASA Jet Propulsion Laboratory
Discharge Address: 4800 Oak Grove Dr
Discharge City: Pasadena
Discharge State: Ca
Discharge Zip: 91109

NY MANIFEST:

EPA ID: CA9800013030
Country: USA
Mailing Name: JET PROPULSION LABORATORY
Mailing Contact: JET PROPULSION LABORATORY
Mailing Address: 4800 OAK GROVE DR
Mailing Address 2: Not reported
Mailing City: PASADENA
Mailing State: CA
Mailing Zip: 91109
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 818-354-4710

Document ID: NYB2816730
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 10219PNY
Trans2 State ID: Not reported
Generator Ship Date: 901016
Trans1 Recv Date: 901016
Trans2 Recv Date: Not reported
TSD Site Recv Date: 901029
Part A Recv Date: 910213
Part B Recv Date: 901113
Generator EPA ID: CA9800013030
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00054
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 90

Document ID: NYB6826329
Manifest Status: Completed copy
Trans1 State ID: 613467FT3
Trans2 State ID: Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
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JET PROPULSION LABORATORY (Continued)

1000128791

Generator Ship Date: 950807
Trans1 Recv Date: 950807
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950818
Part A Recv Date: 950906
Part B Recv Date: 950901
Generator EPA ID: CA9800013030
Trans1 EPA ID: CAD081157166
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D004 - ARSENIC 5.0 MG/L TCLP
Quantity: 00007
Units: P - Pounds
Number of Containers: 001
Container Type: CW - Wooden boxes
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 95

Document ID: NYB2860830
Manifest Status: Completed copy
Trans1 State ID: 11282PNY
Trans2 State ID: Not reported
Generator Ship Date: 910708
Trans1 Recv Date: 910708
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910715
Part A Recv Date: 910725
Part B Recv Date: 910724
Generator EPA ID: CA9800013030
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00259
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 91

Document ID: NYB2860848
Manifest Status: Completed copy
Trans1 State ID: 10222PNY
Trans2 State ID: Not reported
Generator Ship Date: 920210
Trans1 Recv Date: 920210
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920225
Part A Recv Date: 920221
Part B Recv Date: 920306
Generator EPA ID: CA9800013030
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

TSDF ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 92

Document ID: CAA1202980
Manifest Status: Not reported
Trans1 State ID: SCD987574647
Trans2 State ID: NYD982792814
Generator Ship Date: 12/02/1998
Trans1 Recv Date: 12/02/1998
Trans2 Recv Date: 12/10/1998
TSD Site Recv Date: 12/30/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: CA9800013030
Trans1 EPA ID: NYD000632372
Trans2 EPA ID: Not reported
TSDF ID: Not reported
Waste Code: U135 - HYDROGEN SULFIDE
Quantity: 00050
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 98

Document ID: NYA7891821
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 890717
Trans1 Recv Date: 890717
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890801
Part A Recv Date: 890810
Part B Recv Date: 890809
Generator EPA ID: CA9800013030
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00085
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 89

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EDR ID Number
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JET PROPULSION LABORATORY (Continued)

1000128791

SWEEPS UST:

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000001
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: 22

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000002
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000003
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000004
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000005
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000006
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000007
Actv Date: 06-30-89

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000008
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000009
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000010
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000011
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000012
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000013
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000014
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000015
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000016
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000017
Actv Date: 06-30-89
Capacity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000018
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000019
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000020
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000021
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 11934
Number: 9
Board Of Equalization: Not reported
Ref Date: 12-07-90
Act Date: 12-07-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-080-011934-000022
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

HAZNET:

Year: 2009
Gepaid: CA9800013030
Contact: MARK ARAKI
Telephone: 8183540635
Mailing Name: Not reported
Mailing Address: 4800 OAK GROVE DR # 171-225
Mailing City,St,Zip: PASADENA, CA 911098001
Gen County: Los Angeles
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)
Tons: 0.096
Facility County: Los Angeles

Year: 2009
Gepaid: CA9800013030
Contact: MARK ARAKI
Telephone: 8183540635
Mailing Name: Not reported
Mailing Address: 4800 OAK GROVE DR # 171-225
Mailing City,St,Zip: PASADENA, CA 911098001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET PROPULSION LABORATORY (Continued)

1000128791

Gen County: Los Angeles
TSD EPA ID: TXD055135388
TSD County: 99
Waste Category: Not reported
Disposal Method: CHEMICAL OXIDATION
Tons: 0.0025
Facility County: Los Angeles

Year: 2009
Gepaid: CA9800013030
Contact: MARK ARAKI
Telephone: 8183540635
Mailing Name: Not reported
Mailing Address: 4800 OAK GROVE DR # 171-225
Mailing City,St,Zip: PASADENA, CA 911098001
Gen County: Los Angeles
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: CHEMICAL REDUCTION WITH OR WITHOUT PRECIPITATION
Tons: 0.02085
Facility County: Los Angeles

Year: 2009
Gepaid: CA9800013030
Contact: MARK ARAKI
Telephone: 8183540635
Mailing Name: Not reported
Mailing Address: 4800 OAK GROVE DR # 171-225
Mailing City,St,Zip: PASADENA, CA 911098001
Gen County: Los Angeles
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: Not reported
Facility County: Los Angeles

Year: 2009
Gepaid: CA9800013030
Contact: MARK ARAKI
Telephone: 8183540635
Mailing Name: Not reported
Mailing Address: 4800 OAK GROVE DR # 171-225
Mailing City,St,Zip: PASADENA, CA 911098001
Gen County: Los Angeles
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)
Tons: 5
Facility County: Los Angeles

[Click this hyperlink](#) while viewing on your computer to access 196 additional CA_HAZNET: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

B13 **PACIFIC BELL**
WNW **4815 OAK GROVE AVE**
1/4-1/2 **LA CANADA, CA 91011**
0.284 mi.
1501 ft. **Site 4 of 4 in cluster B**

RCRA-SQG **1000250025**
FINDS **CAD980880785**
HIST CORTESE
LUST
CA FID UST
SWEEPS UST
HAZNET
EMI

Relative:
Higher

Actual:
1154 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: PACIFIC BELL
Facility address: 4815 OAK GROVE AVE
LA CANADA, CA 91011
EPA ID: CAD980880785
Mailing address: 170 N FAIR OAKS AVE RM 103
PASADENA, CA 91103
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: PACIFIC TELEPHONE & TELEGRAPH CO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250025

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 10/12/1983
Facility name: PACIFIC BELL
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002672787

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CORTESE:

Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-10202

LUST:

Region: STATE
Global Id: T0603703589
Latitude: 34.1978741
Longitude: -118.1753698
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1991-06-27 00:00:00
Lead Agency: LOS ANGELES COUNTY
Case Worker: JA
Local Agency: LOS ANGELES COUNTY
RB Case Number: I-10202
LOC Case Number: Not reported
File Location: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250025

Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST:

Global Id: T0603703589
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603703589
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: Not reported
Phone Number: 6264583507

LUST:

Global Id: T0603703589
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Stopped

Global Id: T0603703589
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Reported

Global Id: T0603703589
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Discovery

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
facid: I-10202
Status: Case Closed
Substance: Diesel
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603703589
W Global ID: Not reported
Staff: UNK
Local Agency: 19000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250025

Cross Street: FLORECITA WAY
Enforcement Type: Not reported
Date Leak Discovered: 9/4/1990
Date Leak First Reported: 9/5/1990
Date Leak Record Entered: 12/4/1990
Date Confirmation Began: Not reported
Date Leak Stopped: 9/4/1990
Date Case Last Changed on Database: 6/27/1991
Date the Case was Closed: 6/27/1991
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: KOEHLER, E.J.
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 2387.3296052533805034254640431
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: PACIFIC BELL
RP Address: 177 E. COLORADO BLVD., PASADENA, CA 91105
Program: LUST
Lat/Long: 34.1978741 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

CA FID UST:

Facility ID: 19002822
Regulated By: UTNKA
Regulated ID: CAD980880
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8185782883
Mail To: Not reported
Mailing Address: 2600 CAMINO RAMON
Mailing Address 2: Not reported
Mailing City,St,Zip: LA CANADA 91011
Contact: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250025

Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: A
Comp Number: 10202
Number: 1
Board Of Equalization: 44-008754
Ref Date: 12-14-90
Act Date: 12-14-90
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 19-000-010202-000001
Actv Date: 12-14-90
Capacity: 5000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: 1

HAZNET:

Year: 2004
Gepaid: CAD980880785
Contact: SHARON BAYLE/STAFF ASSOC
Telephone: 9258675741
Mailing Name: Not reported
Mailing Address: PO BOX 5095 RM 3E000
Mailing City,St,Zip: SAN RAMON, CA 945830995
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: Not reported
Tons: 0.2
Facility County: Not reported

EMI:

Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 66389
Air District Name: SC
SIC Code: 4813
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250025

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

C14
ESE
1/4-1/2
0.304 mi.
1605 ft.

CALIFORNIA HIGHWAY PATROL
2130 WINDSOR AVE.
ALTADENA, CA 91001
Site 1 of 2 in cluster C

LUST **S106916301**
N/A

Relative:
Higher

LUST:

Actual:
1083 ft.

Region: STATE
Global Id: T0603778155
Latitude: 34.182443
Longitude: -118.168037
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2011-01-07 00:00:00
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: YL
Local Agency: LOS ANGELES COUNTY
RB Case Number: R-20346
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST:

Global Id: T0603778155
Contact Type: Regional Board Caseworker
Contact Name: MARYAM TAIDY
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: LOS ANGELES
Email: mtaidy@waterboards.ca.gov
Phone Number: 2135766741

Global Id: T0603778155
Contact Type: Local Agency Caseworker
Contact Name: SAM STEVENS
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email: Not reported
Phone Number: 6264583507

LUST:

Global Id: T0603778155
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Discovery

Global Id: T0603778155
Action Type: ENFORCEMENT
Date: 2009-06-08 00:00:00
Action: Staff Letter

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CALIFORNIA HIGHWAY PATROL (Continued)

S106916301

Global Id: T0603778155
 Action Type: Other
 Date: 1950-01-01 00:00:00
 Action: Leak Reported

Global Id: T0603778155
 Action Type: ENFORCEMENT
 Date: 2010-06-28 00:00:00
 Action: Staff Letter

Global Id: T0603778155
 Action Type: RESPONSE
 Date: 2009-07-08 00:00:00
 Action: Other Report / Document

Global Id: T0603778155
 Action Type: ENFORCEMENT
 Date: 2011-01-07 00:00:00
 Action: Closure/No Further Action Letter

Global Id: T0603778155
 Action Type: RESPONSE
 Date: 2010-09-28 00:00:00
 Action: Soil and Water Investigation Workplan

15
WNW
1/4-1/2
0.305 mi.
1610 ft.

USDA FOREST SERVICE, OAK
OAK GROVE DR N
LA CANADA, CA 91011

HIST CORTESE **S101296501**
LUST **N/A**

Relative:
Higher

Actual:
1152 ft.

CORTESE:
 Region: CORTESE
 Facility County Code: 19
 Reg By: LTNKA
 Reg Id: 120590-24

LUST REG 4:
 Region: 4
 Regional Board: 04
 County: Los Angeles
 facid: 120590-24
 Status: Remediation Plan
 Substance: Gasoline
 Substance Quantity: Not reported
 Local Case No: Not reported
 Case Type: Soil
 Abatement Method Used at the Site: Not reported
 Global ID: T0603700204
 W Global ID: W0603700933
 Staff: UNK
 Local Agency: 19000
 Cross Street: FOOTHILL FREEWAY
 Enforcement Type: 222
 Date Leak Discovered: 8/4/1990
 Date Leak First Reported: 8/4/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USDA FOREST SERVICE, OAK (Continued)

S101296501

Date Leak Record Entered: 12/4/1990
Date Confirmation Began: Not reported
Date Leak Stopped: 8/4/1990
Date Case Last Changed on Database: 6/30/1992
Date the Case was Closed: Not reported
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: ROBERTS, MIKE
Water System: PALOMAR MOUNTAIN MUTUAL WATER COMPANY
Well Name: Not reported
Approx. Dist To Production Well (ft): 0
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: 12/18/1989
Preliminary Site Assessment Began: 8/4/1990
Pollution Characterization Began: Not reported
Remediation Plan Submitted: 5/20/1991
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: 1/1/1965
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: USDA FOREST SERVICE
RP Address: 701 SANTA ANITA AVE., N., ARCADIA, 91006
Program: LUST
Lat/Long: 34.2077397 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: 1900933-001GEN
Summary: Not reported

C16
ESE
1/4-1/2
0.308 mi.
1628 ft.

CALTRANS MAINTENANCE STATION
2122 NORTH WINDSOR AVENUE
ALTADENA, CA 91001

Site 2 of 2 in cluster C

LUST S106875066
N/A

Relative:
Higher

LUST:
Region: STATE
Global Id: T0603730348
Latitude: 34.182236
Longitude: -118.16871
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 2005-01-25 00:00:00
Lead Agency: LOS ANGELES COUNTY
Case Worker: KBR
Local Agency: LOS ANGELES COUNTY

Actual:
1083 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CALTRANS MAINTENANCE STATION (Continued)

S106875066

RB Case Number: Not reported
 LOC Case Number: 007495-007878
 File Location: Local Agency
 Potential Media Affect: Under Investigation
 Potential Contaminants of Concern: Diesel
 Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id: T0603730348
 Contact Type: Regional Board Caseworker
 Contact Name: YUE RONG
 Organization Name: LOS ANGELES RWQCB (REGION 4)
 Address: 320 W. 4TH ST., SUITE 200
 City: Los Angeles
 Email: yrong@waterboards.ca.gov
 Phone Number: Not reported

Global Id: T0603730348
 Contact Type: Local Agency Caseworker
 Contact Name: KATTYA BATRES RINZE
 Organization Name: LOS ANGELES COUNTY
 Address: 900 SOUTH FREMONT AVE
 City: ALHAMBRA
 Email: gbatres@dpw.lacounty.gov
 Phone Number: Not reported

LUST:

Global Id: T0603730348
 Action Type: REMEDIATION
 Date: 1950-01-01 00:00:00
 Action: Other (Refer to Description)

Global Id: T0603730348
 Action Type: Other
 Date: 1950-01-01 00:00:00
 Action: Leak Reported

Global Id: T0603730348
 Action Type: Other
 Date: 1950-01-01 00:00:00
 Action: Leak Discovery

D17
ESE
 1/4-1/2
 0.432 mi.
 2283 ft.

SZKIBA AUTO (FORMER)
3081 LINCOLN BLVD N
ALTADENA, CA 91001
 Site 1 of 2 in cluster D

HIST CORTESE **S101295533**
LUST **N/A**

Relative:
Higher

CORTESE:
 Region: CORTESE
 Facility County Code: 19
 Reg By: LTNKA
 Reg Id: I-15508

Actual:
1262 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SZKIBA AUTO (FORMER) (Continued)

S101295533

LUST:

Region: STATE
Global Id: T0603704315
Latitude: 34.198653
Longitude: -118.159314
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1996-10-31 00:00:00
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: YR
Local Agency: LOS ANGELES COUNTY
RB Case Number: I-15508
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST:

Global Id: T0603704315
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603704315
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: Not reported
Phone Number: 6264583507

LUST:

Global Id: T0603704315
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Stopped

Global Id: T0603704315
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Reported

Global Id: T0603704315
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SKZIBA AUTO (FORMER) (Continued)

S101295533

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
facid: I-15508
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603704315
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: ALTADENA DR
Enforcement Type: Not reported
Date Leak Discovered: 3/8/1990
Date Leak First Reported: 4/26/1990
Date Leak Record Entered: 6/18/1990
Date Confirmation Began: Not reported
Date Leak Stopped: 3/8/1990
Date Case Last Changed on Database: 6/4/1997
Date the Case was Closed: 10/31/1996
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: SKZIBA'S GEORGE
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1833.7716509005624561325085257
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 8/3/1992
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: SKZIBAF AUTO
RP Address: 2400 E ORANGE GROVE BLVD, PASADENA, CA 91104
Program: LUST
Lat/Long: 34.198463 / -111.631111
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SZKIBA AUTO (FORMER) (Continued)

S101295533

Assigned Name: Not reported
Summary: 06/30/97 - WELL ABANDONMENT REPORT

**D18
ESE
1/4-1/2
0.466 mi.
2462 ft.**

**E & J ALTADENA PLAZA
575 ALTADENA DR. W
ALTADENA, CA 91001
Site 2 of 2 in cluster D**

**LUST S108536676
N/A**

**Relative:
Higher**

LUST:
Region: STATE
Global Id: T0603789937
Latitude: 34.198503
Longitude: -118.158391
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 2007-06-07 00:00:00
Lead Agency: LOS ANGELES COUNTY
Case Worker: MRR
Local Agency: LOS ANGELES COUNTY
RB Case Number: Not reported
LOC Case Number: 030892-048810
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Not reported
Site History: Not reported

**Actual:
1261 ft.**

Click here to access the California GeoTracker records for this facility:

LUST:
Global Id: T0603789937
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603789937
Contact Type: Local Agency Caseworker
Contact Name: ALBERTO GRAJEDA
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email: algrajeda@dpw.lacounty.gov
Phone Number: Not reported

LUST:
Global Id: T0603789937
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Discovery

Global Id: T0603789937
Action Type: REMEDIATION
Date: 1950-01-01 00:00:00
Action: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E & J ALTADENA PLAZA (Continued)

S108536676

Global Id: T0603789937
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Reported

**19
NNW
1/2-1
0.693 mi.
3659 ft.**

**JET PROPULSION LAB
LA CANADA/FLINTRIDGE, CA**

**FUDS 1007372676
N/A**

**Relative:
Higher**

FUDS:
Federal Facility ID: CA9799F5467
FUDS #: J09CA0402
INST ID: 61089
Facility Name: JET PROPULSION LAB
City: La Canada/Flintridge
State: CA
EPA Region: 9
County: LOS ANGELES
Congressional District: 26
US Army District: Los Angeles District (SPL)
Fiscal Year: 2009
Telephone: 213-452-3920
NPL Status: Not reported
RAB: Not reported
CTC: 336.3
Current Owner: STATE

**Actual:
1221 ft.**

FUDS Description Details:

This site consists of 150 acres in the San Gabriel Mountain foothills approximately 4 miles northwest of Pasadena. The property immediately west of the site is residential. NASA still has custody of the facility. CALTECH continues to operate the facility for research and testing under NASA.

FUDS History Details:

The facility was built for the Army Air Corps between 1945 and 1958 as a research facility for rocketry and jet propulsion. In 1958, custody and jurisdiction over the laboratory was transferred.

FUDS Current Program Details:

FUDS Future Program Details:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

20
WNW
1/2-1
0.853 mi.
4504 ft.

CRYSTAL CLEANERS
444 FOOTHILL BLVD.
LA CANADA, CA 91011

ENVIROSTOR **S105954464**
N/A

Relative:
Higher

ENVIROSTOR:

Actual:
1183 ft.

Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.50
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Rita Kamat
Division Branch: Cleanup Chatsworth
Facility ID: 19530004
Site Code: Not reported
Assembly: 44
Senate: 21
Special Program: Not reported
Status: Inactive - Action Required
Status Date: 2003-06-26 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: EPA Grant
Latitude: 34.20026
Longitude: -118.18848
APN: NONE SPECIFIED
Past Use: DRY CLEANING
Potential COC: 10002
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SV, IA
Alias Name: CRYSTAL CLEANERS
Alias Type: Alternate Name
Alias Name: CAN000905745
Alias Type: CERCLIS ID
Alias Name: 19530004
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 2003-06-26 00:00:00
Comments: A Preliminary Assessment was conducted for this site located in La Canada. Potential contaminants of concern include PCE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 2000-11-22 00:00:00
Comments: Site Screening Completed

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRYSTAL CLEANERS (Continued)

S105954464

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported